

Avolites WebAPI

User guide

Titan version 10

```
140
141     $.get(url, function (data, status) {
142         refreshGroup(groupId);
143     });
144 }
145
146 function firePlayback(groupId, titanId) {
147     var url = buildScriptUrl("Playbacks/FirePlaybackAtLevel?titanId=" + titanId + "%level=1&bool=t
148
149     $.get(url, function (data, status) {
150         refreshGroup(groupId);
151     });
152 }
153
154 function playbackLevel(groupId, titanId, level) {
155     var adjustedLevel = level / 100;
156     var url = buildScriptUrl("Playbacks/FirePlaybackAtLevel?titanId=" + titanId + "%level=" + adju
157
158     $.get(url, function (data, status) {
159         refreshGroup(groupId);
160     });
161 }
162
163 function togglePlayback(groupId, titanId) {
164     var url = buildScriptUrl("Playbacks/ToggleLatchPlayback?titanId=" + titanId);
165
166     $.get(url, function (data, status) {
167         refreshGroup(groupId);
168     });
169 }
170
171 </script>
172 </head>
173 <body>
174 <div class="tabs">
```



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1. How it works

1.1 Introduction

The Avolites web API allows you to remotely control console functions via HTML, providing a way to create custom interfaces with specific layouts and capabilities. For example this could be used to link an Avolites console into an AV integration system, or a simple touch screen control could be created on a tablet for an Avolites console installed in a hotel function room.

The API uses HTTP port 4430 to communicate, and returned information is sent using JSON formatted messages.

A complete list of the API commands can be found in section 3, or online with example scripts at <http://api.avolites.com>

1.2 Get/set commands

The most basic webAPI commands are Get and Set which are used to read and set *properties* on the console such as User Settings or configuration settings. "Get" can be sent from the address line of a browser for basic testing.



In the examples in these instructions we will use 10.0.0.1 as the IP address of the console; you should change this to the IP address of your console. Obviously you need to have the console connected to the same network and using the same IP range as the computer you are using for testing, so for a console on 10.0.0.1 have your computer on 10.0.0.2

HTTP requests always use port 4430 and start with the path /titan/

1.2.1 Get Property Value

The *get* request allows you to read the value of a property on the console.

For example, to get the current Titan version, enter the following request into a web browser (the string is case sensitive, you need to use the right capital letters). This is a simple way to test that you have working communication with the console.

```
http://10.0.0.1:4430/titan/get/System/SoftwareVersion
```

If everything is working the console will respond

```
"10.0"
```

Or to read the current show name:

```
http://10.0.0.1:4430/titan/get/Show/ShowName
```

The console will respond with the current show name

```
"V10 Demo Show"
```

1.2.2 Set Property Value

To set the value of a property on the console, send a *set* request in a properly formatted HTTP POST message body. There is not a simple way to do this from a browser, you will need to install a browser extension or send from a script or application.

For example the POST message below turns off the display of DMX address in the fixture buttons

```
POST /titan/set/Fixtures/ShowDmxAddress HTTP/1.1
Host: 10.0.0.1:4430
Cache-Control: no-cache
Postman-Token: 9b09529f-d694-7cbc-0167-ef60194359d2
False
```

This request would set the "ShowDmxAddress" property to false.

1.3 Scripts

Scripts are used to action *methods* on the console.

Scripts use the HTTP GET method, where you pass parameters with the request string using a ?. If there is data to return, it comes back in JSON format, see section 1.4.4 for an explanation of JSON.

For example the script "Process" fires an event based on the string and integer you pass to it:

```
http://10.0.0.1:4430/titan/script/Playbacks/Select/Process?string=playback&int=1723
```

You must put "?" before the parameters, "&" between the parameters and include the type of each parameter.

1.3.1 Script Parameter Types

As well as the basic types Boolean, float, integer and string, some Titan-specific types are provided. You must use the correct capitalisation of the type names as shown in the examples.

Level

The level is used to replace an existing value. For example this sets a master level at 50%:

```
http://10.0.0.1:4430/titan/script/Masters/SetMasterLevel?string=playback&int=1&level=0.5&float=1.0&bool=false
```

Level Delta

The level delta adds the specified level to an existing value. This would increase the master level by 50%:

```
http://10.0.0.1:4430/titan/script/Masters/SetMasterLevel?string=playback&int=1&levelDelta=0.5&float=1.0&bool=false
```

TitanId

The TitanId is a system generated number in Titan that can be used to uniquely identify any property in the system. You can obtain the TitanId values from the console using the Handle Request commands shown in the next section. For example this would fire the playback with TitanId 1723, at 50%:

```
http://10.0.0.1:4430/titan/script/Playbacks/FirePlaybackAtLevel?titanId=1723&level=0.5&bool=false
```

User Number

A User Number is a number that is assigned to a property in Titan that can be used for identification purposes. This number is automatically set by the console but can be changed by users. For example to stop a playback with User Number 20:

```
http://10.0.0.1:4430/titan/script/Playbacks/KillPlayback?userNumber=20
```



If you send an invalid request, the console will return an error message which can be helpful to find out where you went wrong. For a successful request the console will return the result, or if there is no result it will return a blank page.

1.4 Handle requests

Handle requests are used to obtain information about any programmed handle on the console (fader, button or touch button). This can then be used on the remote device for display to the user or to obtain TitanId values for further use.

1.4.1 Get page handles

Use the syntax *handles/{group name}/{page index}*

Gets all handles on a specified page (page index, starting at 0) in a specified group (group name). For example to get the first page of Colour palette handles (note that capital letters in the group name must match what is set on the console):

```
http://10.0.0.1:4430/titan/handles/Colours/0
```

The console will return details of the handles which will look something like this (only the first handle is shown here). See the response section below for more information.

```
[{"handleLocation":{"group":"Colours","index":0,"page":0},"properties":[{"Key":"lockState","Value":"Unlocked"}],"titanId":5331,"type":"paletteHandle","Active":false,"Legend":""}, ...
```

1.4.2 Get group handles

Use the syntax *handles/{group name}*

Gets handles from all pages of the specified group (group name). For example to get all fixture handles (note capital letters):

```
http://10.0.0.1:4430/titan/handles/Fixtures
```

1.4.3 Get all handles

Use the syntax *titan/handles*

Gets all handles from all groups – every programmed handle on the console. This could be quite a big response!

For example:

```
http://10.0.0.1:4430/titan/handles
```

1.4.4 Response from handle requests

All get handle requests will return handle information in a JSON format. JSON (JavaScript Object Notation) is a simple syntax for exchanging data. For example this response gives information about

a single handle (it has been split into separate lines to make it easier to read, when returned from the console everything is on one line):

```
[{
  "handleLocation":{"group":"Fixtures","index":0,"page":1},
  "properties":[{"Key":"lockState","Value":"Unlocked"}],
  "titanId":1689,
  "type":"fixtureHandle",
  "Active":false,
  "Legend":""
}]
```

1.5 Providers

The web API commands are organized using Providers, which manage functions and properties - each provider offers different functionality. In this section a couple of common providers have been detailed. The reference section lists all commands for each provider.

1.5.1 Playbacks

The Playbacks provider is responsible for playback functionality and contains functions to fire, record and modify playbacks.

FirePlaybackAtLevel

```
Void FirePlaybackAtLevel(titanId Id, level Level, bool Refire)
```

Fires a playback with the specified level. This function forces the playback to a level and always loads it if it's not loaded. If refire is set then it kills it before firing.

Parameters:

- Id – Id of the playback to fire. This can be the titanID or userNumber.
- Level – the level to set the playback (0.5=50%, 1=100%).
- Refire – determines if the playback should refire if already loaded

Example:

```
http://10.0.0.1:4430/titan/script/Playbacks/FirePlaybackAtLevel
?titanId=1684&level=1.0&bool=false
```

or using a userNumber rather than a titanId

```
http://10.0.0.1:4430/titan/script/Playbacks/FirePlaybackAtLevel
?userNumber=100&level=1.0&bool=false
```

KillPlayback

```
Void KillPlayback(titanId Id)
```

Kills the specified playback.

Parameters:

- Id – The Id of the playback to delete.

Example:

```
http://10.0.0.1:4430/titan/script/Playbacks/KillPlayback?titanI
d=1684
```

ToggleLatchPlayback

```
Void ToggleLatchPlayback(titanId Id)
```

displays the contents of a cue. In the case of a cue list this would result in moving on to the next cue and displaying its contents.

Parameters:

- Id – The playback Id of playback to toggle

Example:

```
http://10.0.0.1:4430/titan/script/Playbacks/ToggleLatchPlayback?titanId=1684
```

KillAllPlaybacks

```
Void KillAllPlaybacks()
```

Deactivates all playbacks.

Example:

```
http://10.0.0.1:4430/titan/script/Playbacks/KillAllPlaybacks
```

1.5.2 Titan

The Titan Provider manages device connection information.

DeviceInfo

DeviceInfo is a property of the Titan provider, reporting the current connection status. This lists all connection types and is quite large.

Example:

```
http://10.0.0.1:4430/titan/get/Titan/DeviceInfo
```

Returns:

Returns the status of all connections to the console in JSON format.

2. Examples

This section gives some examples of how to use the API functions in a few real-life situations.

In these simple examples, we assume that the console has a fixed IP address of 10.0.0.1 and that the required programming on the console is on particular handles. Using more complex javascript it is possible to cope with more dynamic situations where the remote device will find the correct handles.

We will use the jquery javascript library to send the HTTP GET requests.

2.1 Controlling house lights and stage wash

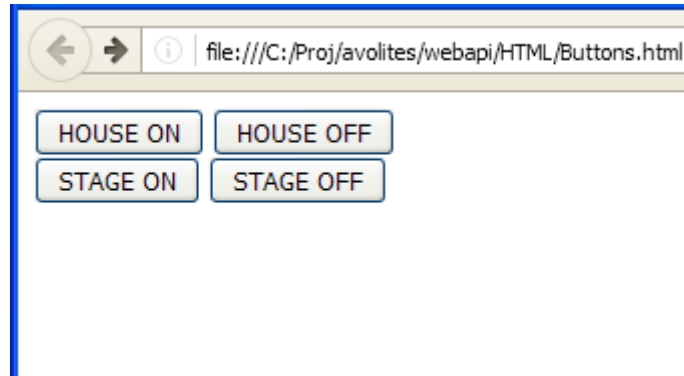
Suppose your venue sometimes operates without technical staff and you want a simple way to operate the house lights and a basic stage wash from a web browser.

On the console, program a playback to operate the houselights with User Number 100 and a playback to operate the stage wash with User Number 101 (User Number is set using [Set Legend]). Set fade in and fade out times.

Create an html file called "buttons.html" with the following code and store on the remote device you are using. We will use the Playbacks.FirePlaybackAtLevel and Playbacks.KillPlayback commands. You will also need to download the jquery library (widely available on the internet) and put it in the /script subfolder.

```
<html>
<head>
  <meta charset="utf-8" />
  <script src="script/jquery.js"></script>
</head>
<body>
  <button
onclick="$.get('http://10.0.0.1:4430/titan/script/Playbacks/Fir
ePlaybackAtLevel?userNumber=100&level=1.0&bool=false');">HOUSE
ON</button>
  <button
onclick="$.get('http://10.0.0.1:4430/titan/script/Playbacks/Kil
lPlayback?userNumber=100');">HOUSE OFF</button>
  <br>
  <button
onclick="$.get('http://10.0.0.1:4430/titan/script/Playbacks/Fir
ePlaybackAtLevel?userNumber=101&level=1.0&bool=false');">STAGE
ON</button>
  <button
onclick="$.get('http://10.0.0.1:4430/titan/script/Playbacks/Kil
lPlayback?userNumber=101');">STAGE OFF</button>
</body>
</html>
```

Now on the remote device's browser load the html page:



Clicking on the buttons should activate or kill the appropriate playbacks on the console.

The remote device must have its IP range set to the same range as the console and be connected to the same network.



If you are having trouble getting a command to work, send the command directly from a browser address bar. The console will then return an error message which might help find the problem.

2.2 Control playback with fader

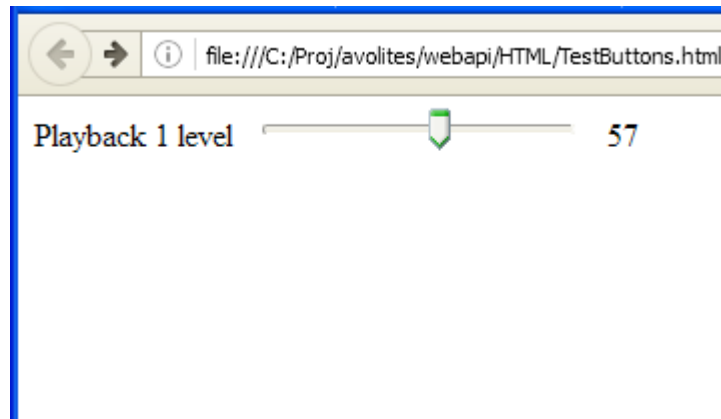
Rather than just turning the playback on and off, you can create an on-screen fader to control the level of a playback.

For this example we are using the HTML5 Range control. It is not very pretty but shows you the basic principles.

On the console create a test playback and set the User Number to 100 (using the [Set Legend] options).

```
<html>
<head>
  <meta charset="utf-8" />
  <script src="script/jquery.js"></script>
</head>
<body>
<script>
function outputUpdate(plevel) {
  document.querySelector('#level').value = plevel;
  $.get('http://10.0.0.1:4430/titan/script/Playbacks/FirePlaybackAtLevel?userNumber=100&level='+plevel/100+'&bool=false');
}
</script>
<label for="fader">Playback 1 level</label>
<input type="range" min="0" max="100" value="50" id="fader"
  step="1" oninput="outputUpdate(value)">
<output for="fader" id="level">50</output>
</body>
</html>
```

This will produce a web page which looks like this



The fader is set to have a range of 0-100.

The javascript function "outputUpdate" is called when the fader changes. This updates the level shown on the screen, and sends a webAPI FirePlaybackAtLevel command to the console to set the level of the playback.

The FirePlaybackAtLevel command expects a fractional level from 0-1 so the javascript divides the level by 100 to get this range.

3. API reference

This section lists all the API commands, grouped by provider. Use the HTTP version of the command for web API. All commands can also be used as function calls in system macros.

[ip] is the IP address of the console being controlled.

3.1 ActionScript

3.1.1 ActionScript Methods

ActionScript.FireEvent

Fires an event.

MACRO

```
Void FireEvent(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/ActionScript/FireEvent
```

Parameters

eventId: The event id.

ActionScript.Reference.GetTypeName

Gets the name of the type of the menu property value.

MACRO

```
System.String GetTypeName(Avolites.Menus.MenuProperty)
```

HTTP

```
http://[ip]:4430/titan/script/ActionScript/Reference/GetTypeNam  
e
```

Parameters

menuProperty: The property.

ActionScript.Reference.GetValue

MACRO

```
System.Object GetPropertyValue(Avolites.Menus.MenuProperty)
```

HTTP

```
http://[ip]:4430/titan/script/ActionScript/Reference/GetValue
```

ActionScript.Reference.HasNegativeRange

MACRO

```
Boolean PropertyHasNegativeRange(Avolites.Menus.MenuProperty)
```

HTTP

```
http://[ip]:4430/titan/script/ActionScript/Reference/HasNegativ  
eRange
```

ActionScript.Reference.NegateProperty

MACRO

```
Void NegateProperty(Avolites.Menus.MenuProperty)
```

HTTP

```
http://[ip]:4430/titan/script/ActionScript/Reference/NegateProp  
erty
```

ActionScript.Reference.Reset

MACRO
Void ResetPropertyValue(Avolites.Menus.MenuProperty)
HTTP
http://[ip]:4430/titan/script/ActionScript/Reference/Reset

ActionScript.SetProperty

Sets an action script property to an object.

MACRO
Void SetProperty(System.String, System.Object)
HTTP
http://[ip]:4430/titan/script/ActionScript/SetProperty

Parameters

- id:** The id of the property.
- value:** The value to set.

ActionScript.SetProperty.Boolean

Sets an action script property to a boolean value.

MACRO
Void SetProperty(System.String, Boolean)
HTTP
http://[ip]:4430/titan/script/ActionScript/SetProperty/Boolean

Parameters

- id:** The id of the property.
- value:** The value to set.

ActionScript.SetProperty.Default

Sets the default value of an action script property to an object.

MACRO
Void SetPropertyDefault(System.String, System.Object)
HTTP
http://[ip]:4430/titan/script/ActionScript/SetProperty/Default

Parameters

- id:** The ID of the property.
- value:** The default value to set.

ActionScript.SetProperty.Double

Sets an action script property to a double precision floating point value.

MACRO
Void SetProperty(System.String, Double)
HTTP
http://[ip]:4430/titan/script/ActionScript/SetProperty/Double

Parameters

- id:** The id of the property.
- value:** The value to set.

ActionScript.SetProperty.Enum

Sets an action script enum property to the enum value parsed from the string.

MACRO
Void SetEnumProperty(System.String, System.String)
HTTP
http://[ip]:4430/titan/script/ActionScript/SetProperty/Enum

Parameters

id: The id of the property.
value: A string representation of the enum value.

ActionScript.SetProperty.Float

Sets an action script property to a floating point value.

MACRO

Void SetProperty(System.String, Single)

HTTP

http://[ip]:4430/titan/script/ActionScript/SetProperty/Float

Parameters

id: The id of the property.
value: The value to set.

ActionScript.SetProperty.Integer

Sets an action script property to a integer value.

MACRO

Void SetProperty(System.String, Int32)

HTTP

http://[ip]:4430/titan/script/ActionScript/SetProperty/Integer

Parameters

id: The id of the property.
value: The value to set.

ActionScript.SetProperty.Percentage

Sets an action script property of type float from a percentage entry.

MACRO

Void SetPropertyPercentage(System.String, Single)

HTTP

http://[ip]:4430/titan/script/ActionScript/SetProperty/Percentage

Parameters

id: The id of the property.
value: The value to set.

ActionScript.SetProperty.String

Sets an action script property to a string value.

MACRO

Void SetProperty(System.String, System.String)

HTTP

http://[ip]:4430/titan/script/ActionScript/SetProperty/String

Parameters

id: The id of the property.
value: The value to set.

ActionScript.String.IsNullOrEmpty

Sets a property value on to indicate if the input string is null or empty

MACRO

Void StringIsNullOrEmpty(System.String, System.String)

HTTP

http://[ip]:4430/titan/script/ActionScript/String/IsNullOrEmpty

Parameters

outputPropertyId: The output property id.
value: The value.

ActionScript.Test.IfEqualElse

Compares the objects and . If the objects are equal the property, , is set to , otherwise the property is set to .

MACRO

```
Void IfEqualElse(System.Object, System.Object, System.String,
System.Object, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/ActionScript/Test/IfEqualElse
```

Parameters

compare1: The first value to compare.
compare2: The second value to compare.
result: The output property id.
trueResult: The value to set the property to if the values are equal.
falseResult: The value to set the property to if the values are not equal.

ActionScript.Test.IsDefault

Tests if the property is at its default value.

MACRO

```
Boolean IsDefaultPropertyValue(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/ActionScript/Test/IsDefault
```

Parameters

propertyId: The id of the property to check.

Returns

True if the default value and property value are equal.

ActionScript.Test.String.IsNotNullOrEmpty

Tests the string to see if it is null or empty.

MACRO

```
Boolean TestStringIsNotNullOrEmpty(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/ActionScript/Test/String/IsNotNu
llOrEmpty
```

Parameters

value: The value.

Returns

False if the string is null or empty

ActionScript.Test.String.IsNullOrEmpty

Tests the string to see if it is null or empty.

MACRO

```
Boolean TestStringIsNullOrEmpty(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/ActionScript/Test/String/IsNullOr
Empty
```

Parameters

value: The value.

Returns

True if the string is null or empty

3.2 AlignSelection**3.2.1 AlignSelection Methods****AlignSelection.AllowAllFixtures**

Allow all fixtures to be selected again

```
MACRO
Void ClearRestrictedSelection()
HTTP
http://[ip]:4430/titan/script/AlignSelection/AllowAllFixtures
```

AlignSelection.Clear

Clears the current selection but not Titan's programmer

```
MACRO
Void Clear()
HTTP
http://[ip]:4430/titan/script/AlignSelection/Clear
```

AlignSelection.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

```
MACRO
Void ClearSelectionPattern()
HTTP
http://[ip]:4430/titan/script/AlignSelection/ClearPatternSelect
```

AlignSelection.GetSelectedFixtures

Gets the selected fixture handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

```
MACRO
Void GetSelectedFixtures(System.String)
HTTP
http://[ip]:4430/titan/script/AlignSelection/GetSelectedFixtures
```

Parameters

menuProperty: The menu property.

AlignSelection.GetSelectedHandles

Gets the selected handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

```
MACRO
Void GetSelectedHandles(System.String)
HTTP
http://[ip]:4430/titan/script/AlignSelection/GetSelectedHandles
```

Parameters

menuProperty: The menu property.

AlignSelection.HighlightSelectedHandles

Sets the handles of all the selected fixtures to highlight so their LEDs pulse. Use ClearAllHighlights() to cancel this.

```
MACRO
Void HighlightSelectedHandles()
```

```
HTTP
http://[ip]:4430/titan/script/AlignSelection/HighlightSelectedH
andles
```

AlignSelection.InvertPattern

Inverts the currently active pattern if there is one.

```
MACRO
Void InvertPattern()
HTTP
http://[ip]:4430/titan/script/AlignSelection/InvertPattern
```

AlignSelection.PatternJumpNext

Jumps the selection Patten right by the length of the pattern

```
MACRO
Void PatternJumpNext()
HTTP
http://[ip]:4430/titan/script/AlignSelection/PatternJumpNext
```

AlignSelection.PatternJumpPrevious

Jumps the selection Patten left by the length of the pattern

```
MACRO
Void PatternJumpPrevious()
HTTP
http://[ip]:4430/titan/script/AlignSelection/PatternJumpPrevious
```

AlignSelection.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

```
MACRO
Void PatternNext()
HTTP
http://[ip]:4430/titan/script/AlignSelection/PatternNext
```

AlignSelection.PatternPrevious

Moves the selection pattern one place to the left If there is no selection pattern in force it sets it to be a single fixture

```
MACRO
Void PatternPrevious()
HTTP
http://[ip]:4430/titan/script/AlignSelection/PatternPrevious
```

AlignSelection.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

```
MACRO
Void PreviewClear()
HTTP
http://[ip]:4430/titan/script/AlignSelection/PreviewClear
```

AlignSelection.PreviewSelectFixtures

```
MACRO
Void PreviewSelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
```


HTTP

http://[ip]:4430/titan/script/AlignSelection/PreviewSelectFixtures

AlignSelection.PreviewSetNewHandleSelection

MACRO

Void
PreviewSetNewSelection(System.Collections.Generic.IEnumerable`1 [Avolites.Titan.Controllers.Handles.Handle])

HTTP

http://[ip]:4430/titan/script/AlignSelection/PreviewSetNewHandleSelection

AlignSelection.SelectFixture

Selects a fixture by handle.

MACRO

Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/AlignSelection/SelectFixture

Parameters

handle: The handle.

AlignSelection.SelectFixtures

MACRO

Void SelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])

HTTP

http://[ip]:4430/titan/script/AlignSelection/SelectFixtures

AlignSelection.SelectFixturesWithTitanIds

MACRO

Void
SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerable`1[System.Int32])

HTTP

http://[ip]:4430/titan/script/AlignSelection/SelectFixturesWithTitanIds

AlignSelection.SetNewHandleSelection

MACRO

Void
SetNewSelection(System.Collections.Generic.IEnumerable`1 [Avolites.Titan.Controllers.Handles.Handle])

HTTP

http://[ip]:4430/titan/script/AlignSelection/SetNewHandleSelection

AlignSelection.SetNewSelection

MACRO

Void
SetNewSelection(System.Collections.Generic.IEnumerable`1 [Avolites.Titan.Controllers.Handles.Custom.FixtureHandle])

HTTP

http://[ip]:4430/titan/script/AlignSelection/SetNewSelection

AlignSelection.StartNewSelection

Sets the start new selection mode to true.

```
MACRO
Void SetStartNewSelection()
HTTP
http://[ip]:4430/titan/script/AlignSelection/StartNewSelection
```

AlignSelection.ValidateFixturesSelected

Throws an error which can be displayed in the menu to prompt the user that no fixtures are selected. You can call this function to determine whether fixtures are selected in menus that require a selection.

```
MACRO
Void ValidateFixturesSelected()
HTTP
http://[ip]:4430/titan/script/AlignSelection/ValidateFixturesSelected
```

3.2.2 AlignSelection Properties

AlignSelection.ContextFixtureHandle

The context fixture is the last fixture which was selected. This fixture is used to determine which attribute controls are displayed to the user.

```
MACRO
ActionScript.SetProperty(AlignSelection.ContextFixtureHandle,[value])
HTTP
http://[ip]:4430/titan/get/AlignSelection/ContextFixtureHandle
HTTP
POST /titan/set/AlignSelection/ContextFixtureHandle
```

AlignSelection.Empty

```
MACRO
ActionScript.SetProperty(AlignSelection.Empty,[value])
HTTP
http://[ip]:4430/titan/get/AlignSelection/Empty
HTTP
POST /titan/set/AlignSelection/Empty
```

AlignSelection.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

```
MACRO
ActionScript.SetProperty(AlignSelection.PatternSelect,[value])
HTTP
http://[ip]:4430/titan/get/AlignSelection/PatternSelect
HTTP
POST /titan/set/AlignSelection/PatternSelect
```

AlignSelection.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

```
MACRO
ActionScript.SetProperty(AlignSelection.RepeatPattern,[value])
HTTP
http://[ip]:4430/titan/get/AlignSelection/RepeatPattern
```

```
HTTP
POST /titan/set/AlignSelection/RepeatPattern
```

3.3 Attribute

3.3.1 Attribute Methods

Attribute.Mask.Align.SetAllGroups

```
MACRO
Void SetAllGroups()
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Align/SetAllGroups
```

Attribute.Mask.Align.SetSoloAttribute

Set the attribute mask to a single attribute on a bank button press. This works without being in Exclusive mode

```
MACRO
Void SetSoloAttribute(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Align/SetSoloAttribute
```

Parameters

bankButtonIndex:

Attribute.Mask.Align.SetSoloGroup

```
MACRO
Void SetSoloGroup(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Align/SetSoloGroup
```

Attribute.Mask.Align.SetStartNewSelection

Sets the start new selection flag. For masks set to BinaryStartNewSelection, the next toggle will clear the current mask and select only the item pressed.

```
MACRO
Void SetStartNewSelection(Boolean)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Align/SetStartNewSelection
```

Parameters

state: Set the mask to start a new selection with the next toggle or not.

Attribute.Mask.BankButtonPressed

Respond to an attribute bank button press by toggling the appropriate mask state

```
MACRO
Void BankButtonPressed(System.String, Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/BankButtonPressed
```

Parameters

maskId: Id of the mask

bankButtonId: Index of the bank button pressed

Attribute.Mask.Clear.SetAllGroups

MACRO
Void SetAllGroups()
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Clear/SetAllGroups

Attribute.Mask.Clear.SetSoloAttribute

Set the attribute mask to a single attribute on a bank button press. This works without being in Exclusive mode

MACRO
Void SetSoloAttribute(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Clear/SetSoloAttribute

Parameters

bankButtonIndex:

Attribute.Mask.Clear.SetSoloGroup

MACRO
Void SetSoloGroup(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Clear/SetSoloGroup

Attribute.Mask.Clear.SetStartNewSelection

Sets the start new selection flag. For masks set to BinaryStartNewSelection, the next toggle will clear the current mask and select only the item pressed.

MACRO
Void SetStartNewSelection(Boolean)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Clear/SetStartNewSelection

Parameters

state: Set the mask to start a new selection with the next toggle or not.

Attribute.Mask.CurrentMask.BankButtonPressed

Deal with attribute button presses for the CurrentMask

MACRO
Void BankButtonPressed(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/CurrentMask/BankButtonPressed

Parameters

bankButtonId: Index of th bank button pressed

Attribute.Mask.CurrentMask.GroupButtonPressed

Deal with button presses on the attribute group buttons.

MACRO
Void GroupButtonPressed(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/CurrentMask/GroupButtonPressed

Parameters

groupButtonId: The index of the group button to toggle.

Attribute.Mask.CurrentMask.SetStartNewSelection

Requests the current mask to start a new selection.

MACRO

Void SetStartNewSelection(Boolean)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/CurrentMask/SetStartNewSelection

Parameters

state: Set the mask to start a new selection with the next toggle or not.

Attribute.Mask.CurrentMask.TimeButtonPressed

Deal with time button presses for the CurrentMask

MACRO

Void TimeButtonPressed()

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/CurrentMask/TimeButtonPressed

Attribute.Mask.CurrentMask.ToggleAll

Toggle all attribute groups in the CurrentMask

MACRO

Void ToggleAll()

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/CurrentMask/ToggleAll

Attribute.Mask.EditTimes.SetAllGroups

MACRO

Void SetAllGroups()

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/EditTimes/SetAllGroups

Attribute.Mask.EditTimes.SetSoloAttribute

Set the attribute mask to a single attribute on a bank button press. This works without being in Exclusive mode

MACRO

Void SetSoloAttribute(Int32)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/EditTimes/SetSoloAttribute

Parameters

bankButtonIndex:

Attribute.Mask.EditTimes.SetSoloGroup

MACRO

Void SetSoloGroup(Int32)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/EditTimes/SetSoloGroup

Attribute.Mask.EditTimes.SetStartNewSelection

Sets the start new selection flag. For masks set to BinaryStartNewSelection, the next toggle will clear the current mask and select only the item pressed.

MACRO

Void SetStartNewSelection(Boolean)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/EditTimes/SetStartNewSelection

Parameters

state: Set the mask to start a new selection with the next toggle or not.

Attribute.Mask.ExcludeAll

Set a mask to exclude all

MACRO

Void ExcludeAll(System.String)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/ExcludeAll

Parameters

maskId: Id of the mask

Attribute.Mask.GlobalRelease.SetAllGroups

MACRO

Void SetAllGroups()

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/GlobalRelease/SetAllGroups

Attribute.Mask.GlobalRelease.SetSoloAttribute

Set the attribute mask to a single attribute on a bank button press. This works without being in Exclusive mode

MACRO

Void SetSoloAttribute(Int32)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/GlobalRelease/SetSoloAttribute

Parameters

bankButtonIndex:

Attribute.Mask.GlobalRelease.SetSoloGroup

MACRO

Void SetSoloGroup(Int32)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/GlobalRelease/SetSoloGroup

Attribute.Mask.GlobalRelease.SetStartNewSelection

Sets the start new selection flag. For masks set to BinaryStartNewSelection, the next toggle will clear the current mask and select only the item pressed.

MACRO

Void SetStartNewSelection(Boolean)

HTTP

```
http://[ip]:4430/titan/script/Attribute/Mask/GlobalRelease/SetStartNewSelection
```

Parameters

state: Set the mask to start a new selection with the next toggle or not.

Attribute.Mask.GroupButtonPressed

Deal with button presses on the attribute group buttons.

MACRO

```
Void GroupButtonPressed(System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Attribute/Mask/GroupButtonPressed
```

Parameters

maskId: Id of the mask

bankButtonId: The index of the group button to toggle.

Attribute.Mask.Highlight.SetAllGroups

MACRO

```
Void SetAllGroups()
```

HTTP

```
http://[ip]:4430/titan/script/Attribute/Mask/Highlight/SetAllGroups
```

Attribute.Mask.Highlight.SetSoloAttribute

Set the attribute mask to a single attribute on a bank button press. This works without being in Exclusive mode

MACRO

```
Void SetSoloAttribute(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Attribute/Mask/Highlight/SetSoloAttribute
```

Parameters

bankButtonIndex:

Attribute.Mask.Highlight.SetSoloGroup

MACRO

```
Void SetSoloGroup(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Attribute/Mask/Highlight/SetSoloGroup
```

Attribute.Mask.Highlight.SetStartNewSelection

Sets the start new selection flag. For masks set to BinaryStartNewSelection, the next toggle will clear the current mask and select only the item pressed.

MACRO

```
Void SetStartNewSelection(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Attribute/Mask/Highlight/SetStartNewSelection
```

Parameters

state: Set the mask to start a new selection with the next toggle or not.

Attribute.Mask.Include.SetAllGroups

```
MACRO
Void SetAllGroups()
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Include/SetAllGroups
```

Attribute.Mask.Include.SetSoloAttribute

Set the attribute mask to a single attribute on a bank button press. This works without being in Exclusive mode

```
MACRO
Void SetSoloAttribute(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Include/SetSoloAttribute
```

Parameters

bankButtonIndex:

Attribute.Mask.Include.SetSoloGroup

```
MACRO
Void SetSoloGroup(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Include/SetSoloGroup
```

Attribute.Mask.Include.SetStartNewSelection

Sets the start new selection flag. For masks set to BinaryStartNewSelection, the next toggle will clear the current mask and select only the item pressed.

```
MACRO
Void SetStartNewSelection(Boolean)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Include/SetStartNewSelection
```

Parameters

state: Set the mask to start a new selection with the next toggle or not.

Attribute.Mask.IncludeAll

Set a mask to include all

```
MACRO
Void IncludeAll(System.String)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/IncludeAll
```

Parameters

maskId: Id of the mask

Attribute.Mask.IncludeAllButTime

Set a mask to include all but Time

```
MACRO
Void IncludeAllButTime(System.String)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/IncludeAllButTime
```

Parameters

maskId: Id of the mask

Attribute.Mask.Locate.SetAllGroups

MACRO

Void SetAllGroups()

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/Locate/SetAllGroups

Attribute.Mask.Locate.SetSoloAttribute

Set the attribute mask to a single attribute on a bank button press. This works without being in Exclusive mode

MACRO

Void SetSoloAttribute(Int32)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/Locate/SetSoloAttribute

Parameters**bankButtonIndex:****Attribute.Mask.Locate.SetSoloGroup**

MACRO

Void SetSoloGroup(Int32)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/Locate/SetSoloGroup

Attribute.Mask.Locate.SetStartNewSelection

Sets the start new selection flag. For masks set to BinaryStartNewSelection, the next toggle will clear the current mask and select only the item pressed.

MACRO

Void SetStartNewSelection(Boolean)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/Locate/SetStartNewSelection

Parameters**state:** Set the mask to start a new selection with the next toggle or not.**Attribute.Mask.MenuItemToggle**

Toggle a mask option between the two or three states In the attribute menu

MACRO

Void AttributeMenuItemToggle(Avolites.Menus.MenuItem)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/MenuItemToggle

Parameters**item:** Menu item to get the attribute group value from**Attribute.Mask.OnOff.SetAllGroups**

MACRO

Void SetAllGroups()

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/OnOff/SetAllGroups

Attribute.Mask.OnOff.SetSoloAttribute

Set the attribute mask to a single attribute on a bank button press. This works without being in Exclusive mode

```
MACRO
Void SetSoloAttribute(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/OnOff/SetSoloAttribute
```

Parameters

bankButtonIndex:

Attribute.Mask.OnOff.SetSoloGroup

```
MACRO
Void SetSoloGroup(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/OnOff/SetSoloGroup
```

Attribute.Mask.OnOff.SetStartNewSelection

Sets the start new selection flag. For masks set to BinaryStartNewSelection, the next toggle will clear the current mask and select only the item pressed.

```
MACRO
Void SetStartNewSelection(Boolean)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/OnOff/SetStartNewSelection
```

Parameters

state: Set the mask to start a new selection with the next toggle or not.

Attribute.Mask.OnOffPlayback.SetAllGroups

```
MACRO
Void SetAllGroups()
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/OnOffPlayback/SetAllGroups
```

Attribute.Mask.OnOffPlayback.SetSoloAttribute

Set the attribute mask to a single attribute on a bank button press. This works without being in Exclusive mode

```
MACRO
Void SetSoloAttribute(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/OnOffPlayback/SetSoloAttribute
```

Parameters

bankButtonIndex:

Attribute.Mask.OnOffPlayback.SetSoloGroup

```
MACRO
Void SetSoloGroup(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/OnOffPlayback/SetSoloGroup
```

Attribute.Mask.OnOffPlayback.SetStartNewSelection

Sets the start new selection flag. For masks set to BinaryStartNewSelection, the next toggle will clear the current mask and select only the item pressed.

MACRO

Void SetStartNewSelection(Boolean)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/OnOffPlayback/SetStartNewSelection

Parameters

state: Set the mask to start a new selection with the next toggle or not.

Attribute.Mask.Palette.SetAllGroups

MACRO

Void SetAllGroups()

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/Palette/SetAllGroups

Attribute.Mask.Palette.SetSoloAttribute

Set the attribute mask to a single attribute on a bank button press. This works without being in Exclusive mode

MACRO

Void SetSoloAttribute(Int32)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/Palette/SetSoloAttribute

Parameters

bankButtonIndex:

Attribute.Mask.Palette.SetSoloGroup

MACRO

Void SetSoloGroup(Int32)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/Palette/SetSoloGroup

Attribute.Mask.Palette.SetStartNewSelection

Sets the start new selection flag. For masks set to BinaryStartNewSelection, the next toggle will clear the current mask and select only the item pressed.

MACRO

Void SetStartNewSelection(Boolean)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/Palette/SetStartNewSelection

Parameters

state: Set the mask to start a new selection with the next toggle or not.

Attribute.Mask.Patch.SetAllGroups

MACRO

Void SetAllGroups()

```
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Patch/SetAllGroups
```

Attribute.Mask.Patch.SetSoloAttribute

Set the attribute mask to a single attribute on a bank button press. This works without being in Exclusive mode

```
MACRO
Void SetSoloAttribute(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Patch/SetSoloAttribute
```

Parameters

bankButtonIndex:

Attribute.Mask.Patch.SetSoloGroup

```
MACRO
Void SetSoloGroup(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Patch/SetSoloGroup
```

Attribute.Mask.Patch.SetStartNewSelection

Sets the start new selection flag. For masks set to BinaryStartNewSelection, the next toggle will clear the current mask and select only the item pressed.

```
MACRO
Void SetStartNewSelection(Boolean)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Patch/SetStartNewSelection
```

Parameters

state: Set the mask to start a new selection with the next toggle or not.

Attribute.Mask.Record.SetAllGroups

```
MACRO
Void SetAllGroups()
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Record/SetAllGroups
```

Attribute.Mask.Record.SetSoloAttribute

Set the attribute mask to a single attribute on a bank button press. This works without being in Exclusive mode

```
MACRO
Void SetSoloAttribute(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Record/SetSoloAttribute
```

Parameters

bankButtonIndex:

Attribute.Mask.Record.SetSoloGroup

```
MACRO
Void SetSoloGroup(Int32)
```

```
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Record/SetSoloGroup
```

Attribute.Mask.Record.SetStartNewSelection

Sets the start new selection flag. For masks set to BinaryStartNewSelection, the next toggle will clear the current mask and select only the item pressed.

```
MACRO
Void SetStartNewSelection(Boolean)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Record/SetStartNewSelection
```

Parameters

state: Set the mask to start a new selection with the next toggle or not.

Attribute.Mask.Release.SetAllGroups

```
MACRO
Void SetAllGroups()
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Release/SetAllGroups
```

Attribute.Mask.Release.SetSoloAttribute

Set the attribute mask to a single attribute on a bank button press. This works without being in Exclusive mode

```
MACRO
Void SetSoloAttribute(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Release/SetSoloAttribute
```

Parameters

bankButtonIndex:

Attribute.Mask.Release.SetSoloGroup

```
MACRO
Void SetSoloGroup(Int32)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Release/SetSoloGroup
```

Attribute.Mask.Release.SetStartNewSelection

Sets the start new selection flag. For masks set to BinaryStartNewSelection, the next toggle will clear the current mask and select only the item pressed.

```
MACRO
Void SetStartNewSelection(Boolean)
HTTP
http://[ip]:4430/titan/script/Attribute/Mask/Release/SetStartNewSelection
```

Parameters

state: Set the mask to start a new selection with the next toggle or not.

Attribute.Mask.ResetIncludeAll

Set a mask to include all if the enable flag is set.

MACRO

Void IncludeAll(System.String, Boolean)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/ResetIncludeAll

Parameters

maskId: Id of the mask

enable: if set to

Attribute.Mask.SetCurrentMask

Set the mask that the generic menu should work with

MACRO

Void SetCurrentMask(System.String)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/SetCurrentMask

Parameters

maskId: Id of the mask

Attribute.Mask.SetMask

Set a mask to a textual value

MACRO

Void SetMask(System.String, System.String)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/SetMask

Parameters

maskId: Id of the mask

maskValue: 'IPCBES' string to set to

Attribute.Mask.TempRelease.SetAllGroups

MACRO

Void SetAllGroups()

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/TempRelease/SetAllGroups

Attribute.Mask.TempRelease.SetSoloAttribute

Set the attribute mask to a single attribute on a bank button press. This works without being in Exclusive mode

MACRO

Void SetSoloAttribute(Int32)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/TempRelease/SetSoloAttribute

Parameters

bankButtonIndex:

Attribute.Mask.TempRelease.SetSoloGroup

MACRO

Void SetSoloGroup(Int32)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/TempRelease/SetSoloGroup

Attribute.Mask.TempRelease.SetStartNewSelection

Sets the start new selection flag. For masks set to BinaryStartNewSelection, the next toggle will clear the current mask and select only the item pressed.

MACRO

Void SetStartNewSelection(Boolean)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/TempRelease/SetStartNewSelection

Parameters

state: Set the mask to start a new selection with the next toggle or not.

Attribute.Mask.TimeButtonPressed

Deal with button presses on the time button.

MACRO

Void TimeButtonPressed(System.String)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/TimeButtonPressed

Parameters

maskId: Id of the mask

Attribute.Mask.ToggleAll

Toggle all the groups in a mask

MACRO

Void ToggleAll(System.String)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/ToggleAll

Parameters

maskId: Id of the mask

Attribute.Mask.Update.SetAllGroups

MACRO

Void SetAllGroups()

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/Update/SetAllGroups

Attribute.Mask.Update.SetSoloAttribute

Set the attribute mask to a single attribute on a bank button press. This works without being in Exclusive mode

MACRO

Void SetSoloAttribute(Int32)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/Update/SetSoloAttribute

Parameters

bankButtonIndex:

Attribute.Mask.Update.SetSoloGroup

MACRO

Void SetSoloGroup(Int32)

HTTP

http://[ip]:4430/titan/script/Attribute/Mask/Update/SetSoloGroup

Attribute.Mask.Update.SetStartNewSelection

Sets the start new selection flag. For masks set to BinaryStartNewSelection, the next toggle will clear the current mask and select only the item pressed.

MACRO

```
Void SetStartNewSelection(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Attribute/Mask/Update/SetStartNewSelection
```

Parameters

state: Set the mask to start a new selection with the next toggle or not.

3.3.2 Attribute Properties**Attribute.Mask.Align.ContextGroup**

The context group is the last attribute group to be selected.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Align.ContextGroup,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Align/ContextGroup
```

HTTP

```
POST /titan/set/Attribute/Mask/Align/ContextGroup
```

Attribute.Mask.Align.IncludeGroups

Gets or sets a list of groups currently included in the mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Align.IncludeGroups,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Align/IncludeGroups
```

HTTP

```
POST /titan/set/Attribute/Mask/Align/IncludeGroups
```

Attribute.Mask.Align.IncludeIndexes

Gets or sets a list of indexes currently included in the mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Align.IncludeIndexes,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Align/IncludeIndexes
```

HTTP

```
POST /titan/set/Attribute/Mask/Align/IncludeIndexes
```

Attribute.Mask.Align.IncludeProgrammerIndexes

Gets or sets a list of indexes currently included in programmer mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Align.IncludeProgrammerIndexes,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Align/IncludeProgrammerIndexes
```

HTTP

```
POST /titan/set/Attribute/Mask/Align/IncludeProgrammerIndexes
```


Attribute.Mask.Align.Text

Gets or sets a text representation of this IPCGBES mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Align.Text,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Align/Text
```

HTTP

```
POST /titan/set/Attribute/Mask/Align/Text
```

Attribute.Mask.Align.Value

Gets or sets the actual mask value.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Align.Value,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Align/Value
```

HTTP

```
POST /titan/set/Attribute/Mask/Align/Value
```

Attribute.Mask.Clear.ContextGroup

The context group is the last attribute group to be selected.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Clear.ContextGroup,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Clear/ContextGroup
```

HTTP

```
POST /titan/set/Attribute/Mask/Clear/ContextGroup
```

Attribute.Mask.Clear.IncludeGroups

Gets or sets a list of groups currently included in the mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Clear.IncludeGroups,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Clear/IncludeGroups
```

HTTP

```
POST /titan/set/Attribute/Mask/Clear/IncludeGroups
```

Attribute.Mask.Clear.IncludeIndexes

Gets or sets a list of indexes currently included in the mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Clear.IncludeIndexes,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Clear/IncludeIndexes
```

HTTP

```
POST /titan/set/Attribute/Mask/Clear/IncludeIndexes
```

Attribute.Mask.Clear.IncludeProgrammerIndexes

Gets or sets a list of indexes currently included in programmer mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Clear.IncludeProgrammerIndexes,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Clear/IncludeProgrammerIndexes
HTTP
POST /titan/set/Attribute/Mask/Clear/IncludeProgrammerIndexes
```

Attribute.Mask.Clear.Text

Gets or sets a text representation of this IPCGBES mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.Clear.Text,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Clear/Text
HTTP
POST /titan/set/Attribute/Mask/Clear/Text
```

Attribute.Mask.Clear.Value

Gets or sets the actual mask value.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.Clear.Value,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Clear/Value
HTTP
POST /titan/set/Attribute/Mask/Clear/Value
```

Attribute.Mask.CurrentMask.B

```
MACRO
ActionScript.SetProperty(Attribute.Mask.CurrentMask.B,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/CurrentMask/B
HTTP
POST /titan/set/Attribute/Mask/CurrentMask/B
```

Attribute.Mask.CurrentMask.C

```
MACRO
ActionScript.SetProperty(Attribute.Mask.CurrentMask.C,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/CurrentMask/C
HTTP
POST /titan/set/Attribute/Mask/CurrentMask/C
```

Attribute.Mask.CurrentMask.E

```
MACRO
ActionScript.SetProperty(Attribute.Mask.CurrentMask.E,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/CurrentMask/E
HTTP
POST /titan/set/Attribute/Mask/CurrentMask/E
```

Attribute.Mask.CurrentMask.FX

```
MACRO
ActionScript.SetProperty(Attribute.Mask.CurrentMask.FX,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/CurrentMask/FX
HTTP
POST /titan/set/Attribute/Mask/CurrentMask/FX
```

Attribute.Mask.CurrentMask.G

MACRO
ActionScript.SetProperty(Attribute.Mask.CurrentMask.G,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/CurrentMask/G
HTTP
POST /titan/set/Attribute/Mask/CurrentMask/G

Attribute.Mask.CurrentMask.I

MACRO
ActionScript.SetProperty(Attribute.Mask.CurrentMask.I,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/CurrentMask/I
HTTP
POST /titan/set/Attribute/Mask/CurrentMask/I

Attribute.Mask.CurrentMask.P

MACRO
ActionScript.SetProperty(Attribute.Mask.CurrentMask.P,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/CurrentMask/P
HTTP
POST /titan/set/Attribute/Mask/CurrentMask/P

Attribute.Mask.CurrentMask.S

MACRO
ActionScript.SetProperty(Attribute.Mask.CurrentMask.S,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/CurrentMask/S
HTTP
POST /titan/set/Attribute/Mask/CurrentMask/S

Attribute.Mask.CurrentMask.Time

MACRO
ActionScript.SetProperty(Attribute.Mask.CurrentMask.Time,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/CurrentMask/Time
HTTP
POST /titan/set/Attribute/Mask/CurrentMask/Time

Attribute.Mask.EditTimes.ContextGroup

The context group is the last attribute group to be selected.

MACRO
ActionScript.SetProperty(Attribute.Mask.EditTimes.ContextGroup,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/EditTimes/ContextGroup
HTTP
POST /titan/set/Attribute/Mask/EditTimes/ContextGroup

Attribute.Mask.EditTimes.IncludeGroups

Gets or sets a list of groups currently included in the mask.

MACRO
ActionScript.SetProperty(Attribute.Mask.EditTimes.IncludeGroups,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/EditTimes/IncludeGroups
HTTP
POST /titan/set/Attribute/Mask/EditTimes/IncludeGroups

Attribute.Mask.EditTimes.IncludeIndexes

Gets or sets a list of indexes currently included in the mask.

MACRO
ActionScript.SetProperty(Attribute.Mask.EditTimes.IncludeIndexes,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/EditTimes/IncludeIndexes
HTTP
POST /titan/set/Attribute/Mask/EditTimes/IncludeIndexes

Attribute.Mask.EditTimes.IncludeProgrammerIndexes

Gets or sets a list of indexes currently included in programmer mask.

MACRO
ActionScript.SetProperty(Attribute.Mask.EditTimes.IncludeProgrammerIndexes,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/EditTimes/IncludeProgrammerIndexes
HTTP
POST /titan/set/Attribute/Mask/EditTimes/IncludeProgrammerIndexes

Attribute.Mask.EditTimes.Text

Gets or sets a text representation of this IPCGBES mask.

MACRO
ActionScript.SetProperty(Attribute.Mask.EditTimes.Text,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/EditTimes/Text
HTTP
POST /titan/set/Attribute/Mask/EditTimes/Text

Attribute.Mask.EditTimes.Value

Gets or sets the actual mask value.

MACRO
ActionScript.SetProperty(Attribute.Mask.EditTimes.Value,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/EditTimes/Value
HTTP
POST /titan/set/Attribute/Mask/EditTimes/Value

Attribute.Mask.GlobalRelease.ContextGroup

The context group is the last attribute group to be selected.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.GlobalRelease.ContextGroup, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/GlobalRelease/ContextGroup
```

HTTP

```
POST /titan/set/Attribute/Mask/GlobalRelease/ContextGroup
```

Attribute.Mask.GlobalRelease.IncludeGroups

Gets or sets a list of groups currently included in the mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.GlobalRelease.IncludeGroups, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/GlobalRelease/IncludeGroups
```

HTTP

```
POST /titan/set/Attribute/Mask/GlobalRelease/IncludeGroups
```

Attribute.Mask.GlobalRelease.IncludeIndexes

Gets or sets a list of indexes currently included in the mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.GlobalRelease.IncludeIndexes, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/GlobalRelease/IncludeIndexes
```

HTTP

```
POST /titan/set/Attribute/Mask/GlobalRelease/IncludeIndexes
```

Attribute.Mask.GlobalRelease.IncludeProgrammerIndexes

Gets or sets a list of indexes currently included in programmer mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.GlobalRelease.IncludeProgrammerIndexes, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/GlobalRelease/IncludeProgrammerIndexes
```

HTTP

```
POST /titan/set/Attribute/Mask/GlobalRelease/IncludeProgrammerIndexes
```

Attribute.Mask.GlobalRelease.Text

Gets or sets a text representation of this IPCGBES mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.GlobalRelease.Text, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/GlobalRelease/Text
```

HTTP

```
POST /titan/set/Attribute/Mask/GlobalRelease/Text
```

Attribute.Mask.GlobalRelease.Value

Gets or sets the actual mask value.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.GlobalRelease.Value, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/GlobalRelease/Value
```

HTTP

```
POST /titan/set/Attribute/Mask/GlobalRelease/Value
```

Attribute.Mask.Highlight.ContextGroup

The context group is the last attribute group to be selected.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Highlight.ContextGroup, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Highlight/ContextGroup
```

HTTP

```
POST /titan/set/Attribute/Mask/Highlight/ContextGroup
```

Attribute.Mask.Highlight.IncludeGroups

Gets or sets a list of groups currently included in the mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Highlight.IncludeGroups, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Highlight/IncludeGroups
```

HTTP

```
POST /titan/set/Attribute/Mask/Highlight/IncludeGroups
```

Attribute.Mask.Highlight.IncludeIndexes

Gets or sets a list of indexes currently included in the mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Highlight.IncludeIndexes, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Highlight/IncludeIndexes
```

HTTP

```
POST /titan/set/Attribute/Mask/Highlight/IncludeIndexes
```

Attribute.Mask.Highlight.IncludeProgrammerIndexes

Gets or sets a list of indexes currently included in programmer mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Highlight.IncludeProgrammerIndexes, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Highlight/IncludeProgrammerIndexes
```

HTTP

```
POST /titan/set/Attribute/Mask/Highlight/IncludeProgrammerIndexes
```

Attribute.Mask.Highlight.Text

Gets or sets a text representation of this IPCGBES mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Highlight.Text,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Highlight/Text
```

HTTP

```
POST /titan/set/Attribute/Mask/Highlight/Text
```

Attribute.Mask.Highlight.Value

Gets or sets the actual mask value.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Highlight.Value,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Highlight/Value
```

HTTP

```
POST /titan/set/Attribute/Mask/Highlight/Value
```

Attribute.Mask.Include.ContextGroup

The context group is the last attribute group to be selected.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Include.ContextGroup,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Include/ContextGroup
```

HTTP

```
POST /titan/set/Attribute/Mask/Include/ContextGroup
```

Attribute.Mask.Include.IncludeGroups

Gets or sets a list of groups currently included in the mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Include.IncludeGroups,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Include/IncludeGroups
```

HTTP

```
POST /titan/set/Attribute/Mask/Include/IncludeGroups
```

Attribute.Mask.Include.IncludeIndexes

Gets or sets a list of indexes currently included in the mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Include.IncludeIndexes,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Include/IncludeIndexes
```

HTTP

```
POST /titan/set/Attribute/Mask/Include/IncludeIndexes
```

Attribute.Mask.Include.IncludeProgrammerIndexes

Gets or sets a list of indexes currently included in programmer mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.Include.IncludeProgrammerIndexes,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Include/IncludeProgrammerIndexes
HTTP
POST /titan/set/Attribute/Mask/Include/IncludeProgrammerIndexes
```

Attribute.Mask.Include.Text

Gets or sets a text representation of this IPCGBES mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.Include.Text,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Include/Text
HTTP
POST /titan/set/Attribute/Mask/Include/Text
```

Attribute.Mask.Include.Value

Gets or sets the actual mask value.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.Include.Value,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Include/Value
HTTP
POST /titan/set/Attribute/Mask/Include/Value
```

Attribute.Mask.Locate.ContextGroup

The context group is the last attribute group to be selected.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.Locate.ContextGroup,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Locate/ContextGroup
HTTP
POST /titan/set/Attribute/Mask/Locate/ContextGroup
```

Attribute.Mask.Locate.IncludeGroups

Gets or sets a list of groups currently included in the mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.Locate.IncludeGroups,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Locate/IncludeGroups
HTTP
POST /titan/set/Attribute/Mask/Locate/IncludeGroups
```

Attribute.Mask.Locate.IncludeIndexes

Gets or sets a list of indexes currently included in the mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.Locate.IncludeIndexes,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Locate/IncludeIndexes
```


HTTP

POST /titan/set/Attribute/Mask/Locate/IncludeIndexes

Attribute.Mask.Locate.IncludeProgrammerIndexes

Gets or sets a list of indexes currently included in programmer mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Locate.IncludeProgrammerIndexes, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Locate/IncludeProgrammerIndexes
```

HTTP

POST /titan/set/Attribute/Mask/Locate/IncludeProgrammerIndexes

Attribute.Mask.Locate.Text

Gets or sets a text representation of this IPCGBES mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Locate.Text, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Locate/Text
```

HTTP

POST /titan/set/Attribute/Mask/Locate/Text

Attribute.Mask.Locate.Value

Gets or sets the actual mask value.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Locate.Value, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Locate/Value
```

HTTP

POST /titan/set/Attribute/Mask/Locate/Value

Attribute.Mask.OnOff.ContextGroup

The context group is the last attribute group to be selected.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.OnOff.ContextGroup, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/OnOff/ContextGroup
```

HTTP

POST /titan/set/Attribute/Mask/OnOff/ContextGroup

Attribute.Mask.OnOff.IncludeGroups

Gets or sets a list of groups currently included in the mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.OnOff.IncludeGroups, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/OnOff/IncludeGroups
```

HTTP

POST /titan/set/Attribute/Mask/OnOff/IncludeGroups

Attribute.Mask.OnOff.IncludeIndexes

Gets or sets a list of indexes currently included in the mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.OnOff.IncludeIndexes,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/OnOff/IncludeIndexes
HTTP
POST /titan/set/Attribute/Mask/OnOff/IncludeIndexes
```

Attribute.Mask.OnOff.IncludeProgrammerIndexes

Gets or sets a list of indexes currently included in programmer mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.OnOff.IncludeProgrammerIndexes,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/OnOff/IncludeProgrammerIndexes
HTTP
POST /titan/set/Attribute/Mask/OnOff/IncludeProgrammerIndexes
```

Attribute.Mask.OnOff.Text

Gets or sets a text representation of this IPCGBES mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.OnOff.Text,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/OnOff/Text
HTTP
POST /titan/set/Attribute/Mask/OnOff/Text
```

Attribute.Mask.OnOff.Value

Gets or sets the actual mask value.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.OnOff.Value,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/OnOff/Value
HTTP
POST /titan/set/Attribute/Mask/OnOff/Value
```

Attribute.Mask.OnOffPlayback.ContextGroup

The context group is the last attribute group to be selected.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.OnOffPlayback.ContextGroup,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/OnOffPlayback/ContextGroup
HTTP
POST /titan/set/Attribute/Mask/OnOffPlayback/ContextGroup
```

Attribute.Mask.OnOffPlayback.IncludeGroups

Gets or sets a list of groups currently included in the mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.OnOffPlayback.IncludeGroups,[value])
```

```

HTTP
http://[ip]:4430/titan/get/Attribute/Mask/OnOffPlayback/Include
Groups
HTTP
POST /titan/set/Attribute/Mask/OnOffPlayback/IncludeGroups

```

Attribute.Mask.OnOffPlayback.IncludeIndexes

Gets or sets a list of indexes currently included in the mask.

```

MACRO
ActionScript.SetProperty(Attribute.Mask.OnOffPlayback.IncludeIn
dexes,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/OnOffPlayback/Include
Indexes
HTTP
POST /titan/set/Attribute/Mask/OnOffPlayback/IncludeIndexes

```

Attribute.Mask.OnOffPlayback.IncludeProgrammerIndexes

Gets or sets a list of indexes currently included in programmer mask.

```

MACRO
ActionScript.SetProperty(Attribute.Mask.OnOffPlayback.IncludePr
ogrammerIndexes,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/OnOffPlayback/Include
ProgrammerIndexes
HTTP
POST
/titan/set/Attribute/Mask/OnOffPlayback/IncludeProgrammerIndexe
s

```

Attribute.Mask.OnOffPlayback.Text

Gets or sets a text representation of this IPCGBES mask.

```

MACRO
ActionScript.SetProperty(Attribute.Mask.OnOffPlayback.Text,[val
ue])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/OnOffPlayback/Text
HTTP
POST /titan/set/Attribute/Mask/OnOffPlayback/Text

```

Attribute.Mask.OnOffPlayback.Value

Gets or sets the actual mask value.

```

MACRO
ActionScript.SetProperty(Attribute.Mask.OnOffPlayback.Value,[va
lue])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/OnOffPlayback/Value
HTTP
POST /titan/set/Attribute/Mask/OnOffPlayback/Value

```

Attribute.Mask.Palette.ContextGroup

The context group is the last attribute group to be selected.

```

MACRO
ActionScript.SetProperty(Attribute.Mask.Palette.ContextGroup,[v
alue])

```

```
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Palette/ContextGroup
HTTP
POST /titan/set/Attribute/Mask/Palette/ContextGroup
```

Attribute.Mask.Palette.IncludeGroups

Gets or sets a list of groups currently included in the mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.Palette.IncludeGroups, [
value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Palette/IncludeGroups
HTTP
POST /titan/set/Attribute/Mask/Palette/IncludeGroups
```

Attribute.Mask.Palette.IncludeIndexes

Gets or sets a list of indexes currently included in the mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.Palette.IncludeIndexes,
[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Palette/IncludeIndexe
s
HTTP
POST /titan/set/Attribute/Mask/Palette/IncludeIndexes
```

Attribute.Mask.Palette.IncludeProgrammerIndexes

Gets or sets a list of indexes currently included in programmer mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.Palette.IncludeProgramm
erIndexes, [value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Palette/IncludeProgra
mmerIndexes
HTTP
POST /titan/set/Attribute/Mask/Palette/IncludeProgrammerIndexes
```

Attribute.Mask.Palette.Text

Gets or sets a text representation of this IPCGBES mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.Palette.Text, [value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Palette/Text
HTTP
POST /titan/set/Attribute/Mask/Palette/Text
```

Attribute.Mask.Palette.Value

Gets or sets the actual mask value.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.Palette.Value, [value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Palette/Value
HTTP
POST /titan/set/Attribute/Mask/Palette/Value
```

Attribute.Mask.Patch.ContextGroup

The context group is the last attribute group to be selected.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Patch.ContextGroup, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Patch/ContextGroup
```

HTTP

```
POST /titan/set/Attribute/Mask/Patch/ContextGroup
```

Attribute.Mask.Patch.IncludeGroups

Gets or sets a list of groups currently included in the mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Patch.IncludeGroups, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Patch/IncludeGroups
```

HTTP

```
POST /titan/set/Attribute/Mask/Patch/IncludeGroups
```

Attribute.Mask.Patch.IncludeIndexes

Gets or sets a list of indexes currently included in the mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Patch.IncludeIndexes, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Patch/IncludeIndexes
```

HTTP

```
POST /titan/set/Attribute/Mask/Patch/IncludeIndexes
```

Attribute.Mask.Patch.IncludeProgrammerIndexes

Gets or sets a list of indexes currently included in programmer mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Patch.IncludeProgrammerIndexes, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Patch/IncludeProgrammerIndexes
```

HTTP

```
POST /titan/set/Attribute/Mask/Patch/IncludeProgrammerIndexes
```

Attribute.Mask.Patch.Text

Gets or sets a text representation of this IPCGBES mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Patch.Text, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Patch/Text
```

HTTP

```
POST /titan/set/Attribute/Mask/Patch/Text
```

Attribute.Mask.Patch.Value

Gets or sets the actual mask value.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Patch.Value, [value])
```

HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Patch/Value
HTTP
POST /titan/set/Attribute/Mask/Patch/Value

Attribute.Mask.Record.ContextGroup

The context group is the last attribute group to be selected.

MACRO
ActionScript.SetProperty(Attribute.Mask.Record.ContextGroup, [value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Record/ContextGroup
HTTP
POST /titan/set/Attribute/Mask/Record/ContextGroup

Attribute.Mask.Record.IncludeGroups

Gets or sets a list of groups currently included in the mask.

MACRO
ActionScript.SetProperty(Attribute.Mask.Record.IncludeGroups, [value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Record/IncludeGroups
HTTP
POST /titan/set/Attribute/Mask/Record/IncludeGroups

Attribute.Mask.Record.IncludeIndexes

Gets or sets a list of indexes currently included in the mask.

MACRO
ActionScript.SetProperty(Attribute.Mask.Record.IncludeIndexes, [value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Record/IncludeIndexes
HTTP
POST /titan/set/Attribute/Mask/Record/IncludeIndexes

Attribute.Mask.Record.IncludeProgrammerIndexes

Gets or sets a list of indexes currently included in programmer mask.

MACRO
ActionScript.SetProperty(Attribute.Mask.Record.IncludeProgrammerIndexes, [value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Record/IncludeProgrammerIndexes
HTTP
POST /titan/set/Attribute/Mask/Record/IncludeProgrammerIndexes

Attribute.Mask.Record.Text

Gets or sets a text representation of this IPCGBES mask.

MACRO
ActionScript.SetProperty(Attribute.Mask.Record.Text, [value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Record/Text
HTTP
POST /titan/set/Attribute/Mask/Record/Text

Attribute.Mask.Record.Value

Gets or sets the actual mask value.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Record.Value,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Record/Value
```

HTTP

```
POST /titan/set/Attribute/Mask/Record/Value
```

Attribute.Mask.Release.ContextGroup

The context group is the last attribute group to be selected.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Release.ContextGroup,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Release/ContextGroup
```

HTTP

```
POST /titan/set/Attribute/Mask/Release/ContextGroup
```

Attribute.Mask.Release.IncludeGroups

Gets or sets a list of groups currently included in the mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Release.IncludeGroups,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Release/IncludeGroups
```

HTTP

```
POST /titan/set/Attribute/Mask/Release/IncludeGroups
```

Attribute.Mask.Release.IncludeIndexes

Gets or sets a list of indexes currently included in the mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Release.IncludeIndexes,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Release/IncludeIndexes
```

HTTP

```
POST /titan/set/Attribute/Mask/Release/IncludeIndexes
```

Attribute.Mask.Release.IncludeProgrammerIndexes

Gets or sets a list of indexes currently included in programmer mask.

MACRO

```
ActionScript.SetProperty(Attribute.Mask.Release.IncludeProgrammerIndexes,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Attribute/Mask/Release/IncludeProgrammerIndexes
```

HTTP

```
POST /titan/set/Attribute/Mask/Release/IncludeProgrammerIndexes
```

Attribute.Mask.Release.Text

Gets or sets a text representation of this IPCGBES mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.Release.Text,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Release/Text
HTTP
POST /titan/set/Attribute/Mask/Release/Text
```

Attribute.Mask.Release.Value

Gets or sets the actual mask value.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.Release.Value,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Release/Value
HTTP
POST /titan/set/Attribute/Mask/Release/Value
```

Attribute.Mask.TempRelease.ContextGroup

The context group is the last attribute group to be selected.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.TempRelease.ContextGroup,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/TempRelease/ContextGroup
HTTP
POST /titan/set/Attribute/Mask/TempRelease/ContextGroup
```

Attribute.Mask.TempRelease.IncludeGroups

Gets or sets a list of groups currently included in the mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.TempRelease.IncludeGroups,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/TempRelease/IncludeGroups
HTTP
POST /titan/set/Attribute/Mask/TempRelease/IncludeGroups
```

Attribute.Mask.TempRelease.IncludeIndexes

Gets or sets a list of indexes currently included in the mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.TempRelease.IncludeIndexes,[value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/TempRelease/IncludeIndexes
HTTP
POST /titan/set/Attribute/Mask/TempRelease/IncludeIndexes
```

Attribute.Mask.TempRelease.IncludeProgrammerIndexes

Gets or sets a list of indexes currently included in programmer mask.

```
MACRO
ActionScript.SetProperty(Attribute.Mask.TempRelease.IncludeProgrammerIndexes,[value])
```



```

HTTP
http://[ip]:4430/titan/get/Attribute/Mask/TempRelease/IncludePr
ogrammerIndexes
HTTP
POST
/titan/set/Attribute/Mask/TempRelease/IncludeProgrammerIndexes

```

Attribute.Mask.TempRelease.Text

Gets or sets a text representation of this IPCGBES mask.

```

MACRO
ActionScript.SetProperty(Attribute.Mask.TempRelease.Text, [value
])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/TempRelease/Text
HTTP
POST /titan/set/Attribute/Mask/TempRelease/Text

```

Attribute.Mask.TempRelease.Value

Gets or sets the actual mask value.

```

MACRO
ActionScript.SetProperty(Attribute.Mask.TempRelease.Value, [valu
e])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/TempRelease/Value
HTTP
POST /titan/set/Attribute/Mask/TempRelease/Value

```

Attribute.Mask.Update.ContextGroup

The context group is the last attribute group to be selected.

```

MACRO
ActionScript.SetProperty(Attribute.Mask.Update.ContextGroup, [va
lue])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Update/ContextGroup
HTTP
POST /titan/set/Attribute/Mask/Update/ContextGroup

```

Attribute.Mask.Update.IncludeGroups

Gets or sets a list of groups currently included in the mask.

```

MACRO
ActionScript.SetProperty(Attribute.Mask.Update.IncludeGroups, [v
alue])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Update/IncludeGroups
HTTP
POST /titan/set/Attribute/Mask/Update/IncludeGroups

```

Attribute.Mask.Update.IncludeIndexes

Gets or sets a list of indexes currently included in the mask.

```

MACRO
ActionScript.SetProperty(Attribute.Mask.Update.IncludeIndexes, [
value])
HTTP
http://[ip]:4430/titan/get/Attribute/Mask/Update/IncludeIndexes

```

HTTP

POST /titan/set/Attribute/Mask/Update/IncludeIndexes

Attribute.Mask.Update.IncludeProgrammerIndexes

Gets or sets a list of indexes currently included in programmer mask.

MACRO

ActionScript.SetProperty(Attribute.Mask.Update.IncludeProgrammerIndexes, [value])

HTTP

http://[ip]:4430/titan/get/Attribute/Mask/Update/IncludeProgrammerIndexes

HTTP

POST /titan/set/Attribute/Mask/Update/IncludeProgrammerIndexes

Attribute.Mask.Update.Text

Gets or sets a text representation of this IPCGBES mask.

MACRO

ActionScript.SetProperty(Attribute.Mask.Update.Text, [value])

HTTP

http://[ip]:4430/titan/get/Attribute/Mask/Update/Text

HTTP

POST /titan/set/Attribute/Mask/Update/Text

Attribute.Mask.Update.Value

Gets or sets the actual mask value.

MACRO

ActionScript.SetProperty(Attribute.Mask.Update.Value, [value])

HTTP

http://[ip]:4430/titan/get/Attribute/Mask/Update/Value

HTTP

POST /titan/set/Attribute/Mask/Update/Value

3.4 Audio

3.4.1 Audio Methods

Audio.GetAvailableMappings

Gets a menu of the available mappings

MACRO

System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
GetAvailableMappings()

HTTP

http://[ip]:4430/titan/script/Audio/GetAvailableMappings

3.4.2 Audio Properties

Audio.AudioTriggersEnabled

Gets or sets a value indicating whether all the audio triggers has to be enabled or disabled.

MACRO

ActionScript.SetProperty(Audio.AudioTriggersEnabled, [value])

HTTP

http://[ip]:4430/titan/get/Audio/AudioTriggersEnabled

HTTP

POST /titan/set/Audio/AudioTriggersEnabled

Audio.AutoGain

Gets or sets a value indicating whether [automatic gain].

MACRO

```
ActionScript.SetProperty(Audio.AutoGain,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Audio/AutoGain
```

HTTP

```
POST /titan/set/Audio/AutoGain
```

Audio.GainLevel

Gets or sets the gain level. -1 to 1

MACRO

```
ActionScript.SetProperty(Audio.GainLevel,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Audio/GainLevel
```

HTTP

```
POST /titan/set/Audio/GainLevel
```

3.5 AuthorCredentials**3.5.1 AuthorCredentials Methods****AuthorCredentials.IsAuthorType**

Determines whether the author is of the specified type.

MACRO

Boolean

```
IsAuthorType(Avolites.Menus.Property.MenuPropertyAuthorCredentials, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/AuthorCredentials/IsAuthorType
```

Parameters

author: The author.

type: The string representation of one of

AuthorCredentials.IsNotAuthorType

Determines whether the author is not of the specified type.

MACRO

Boolean

```
IsNotAuthorType(Avolites.Menus.Property.MenuPropertyAuthorCredentials, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/AuthorCredentials/IsNotAuthorType
```

Parameters

author: The author.

type: The string representation of one of

AuthorCredentials.SetProperty

Sets an action script property to an object.

MACRO

```
Void SetProperty(System.String, System.Object, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/AuthorCredentials/SetProperty
```

Parameters

id: The id of the property.

value: The value to set.

author: The author.

AuthorCredentials.SetProperty.Boolean

Sets an action script property to a boolean value.

MACRO

```
Void SetProperty(System.String, Boolean, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/AuthorCredentials/SetProperty/Boolean
```

Parameters

id: The id of the property.

value: The value to set.

author: The author.

AuthorCredentials.SetProperty.Enum

Sets an action script enum property to the enum value parsed from the string.

MACRO

```
Void SetEnumProperty(System.String, System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/AuthorCredentials/SetProperty/Enum
```

Parameters

id: The id of the property.

value: A string representation of the enum value.

author: The author.

AuthorCredentials.SetProperty.Float

Sets an action script property to a floating point value.

MACRO

```
Void SetProperty(System.String, Single, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/AuthorCredentials/SetProperty/Float
```

Parameters

id: The id of the property.

value: The value to set.

author: The author.

AuthorCredentials.SetProperty.Integer

Sets an action script property to a integer value.

MACRO

```
Void SetProperty(System.String, Int32, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/AuthorCredentials/SetProperty/Integer
```

Parameters

id: The id of the property.

value: The value to set.

author: The author.

AuthorCredentials.SetProperty.String

Sets an action script property to a string value.

MACRO

Void SetProperty(System.String, System.String, System.String)

HTTP

http://[ip]:4430/titan/script/AuthorCredentials/SetProperty/String

Parameters

id: The id of the property.

value: The value to set.

author: The author.

3.6 Bob

3.6.1 Bob Methods

Bob.AllowAllFixtures

Allow all fixtures to be selected again

MACRO

Void ClearRestrictedSelection()

HTTP

http://[ip]:4430/titan/script/Bob/AllowAllFixtures

Bob.Clear

Clears the current selection but not Titan's programmer

MACRO

Void Clear()

HTTP

http://[ip]:4430/titan/script/Bob/Clear

Bob.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

MACRO

Void ClearSelectionPattern()

HTTP

http://[ip]:4430/titan/script/Bob/ClearPatternSelect

Bob.GetSelectedFixtures

Gets the selected fixture handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedFixtures(System.String)

HTTP

http://[ip]:4430/titan/script/Bob/GetSelectedFixtures

Parameters

menuProperty: The menu property.

Bob.GetSelectedHandles

Gets the selected handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedHandles(System.String)

HTTP

http://[ip]:4430/titan/script/Bob/GetSelectedHandles

Parameters

menuProperty: The menu property.

Bob.HighlightSelectedHandles

Sets the handles of all the selected fixtures to highlight so their LEDs pulse. Use ClearAllHighlights() to cancel this.

MACRO

Void HighlightSelectedHandles()

HTTP

http://[ip]:4430/titan/script/Bob/HighlightSelectedHandles

Bob.InvertPattern

Inverts the currently active pattern if there is one.

MACRO

Void InvertPattern()

HTTP

http://[ip]:4430/titan/script/Bob/InvertPattern

Bob.PatternJumpNext

Jumps the selection Patten right by the length of the pattern

MACRO

Void PatternJumpNext()

HTTP

http://[ip]:4430/titan/script/Bob/PatternJumpNext

Bob.PatternJumpPrevious

Jumps the selection Patten left by the length of the pattern

MACRO

Void PatternJumpPrevious()

HTTP

http://[ip]:4430/titan/script/Bob/PatternJumpPrevious

Bob.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternNext()

HTTP

http://[ip]:4430/titan/script/Bob/PatternNext

Bob.PatternPrevious

Moves the selection pattern one place to the left If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternPrevious()

HTTP

http://[ip]:4430/titan/script/Bob/PatternPrevious

Bob.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

MACRO

Void PreviewClear()

HTTP

http://[ip]:4430/titan/script/Bob/PreviewClear

Bob.PreviewSelectFixtures

MACRO

```
Void PreviewSelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Bob/PreviewSelectFixtures
```

Bob.PreviewSetNewHandleSelection

MACRO

```
Void
PreviewSetNewSelection(System.Collections.Generic.IEnumerable`1
[Avolites.Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/Bob/PreviewSetNewHandleSelection
```

Bob.SelectFixture

Selects a fixture by handle.

MACRO

```
Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Bob/SelectFixture
```

Parameters

handle: The handle.

Bob.SelectFixtures

MACRO

```
Void SelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Bob/SelectFixtures
```

Bob.SelectFixturesWithTitanIds

MACRO

```
Void
SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerab
le`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Bob/SelectFixturesWithTitanIds
```

Bob.SetNewHandleSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolit
es.Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/Bob/SetNewHandleSelection
```

Bob.SetNewSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolit
es.Titan.Controllers.Handles.Custom.FixtureHandle])
```

HTTP

```
http://[ip]:4430/titan/script/Bob/SetNewSelection
```

Bob.StartNewSelection

Sets the start new selection mode to true.

MACRO
Void SetStartNewSelection()
HTTP
http://[ip]:4430/titan/script/Bob/StartNewSelection

Bob.ValidateFixturesSelected

Throws an error which can be displayed in the menu to prompt the user that no fixtures are selected. You can call this function to determine whether fixtures are selected in menus that require a selection.

MACRO
Void ValidateFixturesSelected()
HTTP
http://[ip]:4430/titan/script/Bob/ValidateFixturesSelected

3.6.2 Bob Properties**Bob.ContextFixtureHandle**

The context fixture is the last fixture which was selected. This fixture is used to determine which attribute controls are displayed to the user.

MACRO
ActionScript.SetProperty(Bob.ContextFixtureHandle, [value])
HTTP
http://[ip]:4430/titan/get/Bob/ContextFixtureHandle
HTTP
POST /titan/set/Bob/ContextFixtureHandle

Bob.Empty

MACRO
ActionScript.SetProperty(Bob.Empty, [value])
HTTP
http://[ip]:4430/titan/get/Bob/Empty
HTTP
POST /titan/set/Bob/Empty

Bob.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

MACRO
ActionScript.SetProperty(Bob.PatternSelect, [value])
HTTP
http://[ip]:4430/titan/get/Bob/PatternSelect
HTTP
POST /titan/set/Bob/PatternSelect

Bob.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

MACRO
ActionScript.SetProperty(Bob.RepeatPattern, [value])
HTTP
http://[ip]:4430/titan/get/Bob/RepeatPattern
HTTP
POST /titan/set/Bob/RepeatPattern

3.7 CaptureCameraPositions

3.7.1 CaptureCameraPositions Methods

CaptureCameraPositions.AddCameraPosition

Adds the camera position.

```

MACRO
Void
AddCameraPosition(Avolites.Titan.Controllers.Console.CaptureVisualiser.CaptureCameraPositionHandle,
Avolites.Titan.Controllers.Console.CaptureVisualiser.CaptureCameraPositionsContainer,
Avolites.Titan.Controllers.Console.CaptureVisualiser.AvailableCameras, System.String)
HTTP
http://[ip]:4430/titan/script/CaptureCameraPositions/AddCameraPosition
  
```

Parameters

- handle:** The handle.
- postionsContainer:** The postions container.
- selectedCamera:** The selected camera.
- legend:** The legend.

CaptureCameraPositions.CameraPositionsMenuItemList

Returns a list of menu items containing all the CameraPositions that are not presets.

```

MACRO
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
CamersPositionsMenuItemList()
HTTP
http://[ip]:4430/titan/script/CaptureCameraPositions/CameraPositionsMenuItemList
  
```

Returns

A list of menu items.

CaptureCameraPositions.GetPresetPosition

Gets the preset position.

```

MACRO
Avolites.Titan.Controllers.Console.CaptureVisualiser.CaptureCameraPosition
GetPresetPosition(Avolites.Titan.Controllers.Console.CaptureVisualiser.CaptureCameraPresetPosition)
HTTP
http://[ip]:4430/titan/script/CaptureCameraPositions/GetPresetPosition
  
```

Parameters

- preset:** The preset.

CaptureCameraPositions.UpdatePresetCameraPosition

Updates the preset camera position associated with the preset enumeration adding to the store a new one.

```

MACRO
Void
UpdatePresetCameraPosition(Avolites.Titan.Controllers.Console.CaptureVisualiser.CaptureCameraPresetPosition,
Avolites.Titan.Controllers.Console.CaptureVisualiser.CaptureCam
  
```

```
eraPositionsContainer,
Avolites.Titan.Controllers.Console.CaptureVisualiser.AvailableC
ameras)
```

```
HTTP
```

```
http://[ip]:4430/titan/script/CaptureCameraPositions/UpdatePres
etCameraPosition
```

Parameters

preset: The preset.

positionsContainer: The positions container.

selectedCamera: The selected camera.

3.8 Chases

3.8.1 Chases Methods

Chases.ConnectedChaseTap

Tap Tempo for the connected chase

```
MACRO
```

```
Void TapTempo(System.DateTime)
```

```
HTTP
```

```
http://[ip]:4430/titan/script/Chases/ConnectedChaseTap
```

Chases.CutNextCueToLive

Cuts the next step to live, that is runs it without fade times. Operates on the supplied playback.

```
MACRO
```

```
Void
CutNextStepToLive(Avolites.Titan.Controllers.Handles.Handle)
```

```
HTTP
```

```
http://[ip]:4430/titan/script/Chases/CutNextCueToLive
```

Parameters

handle: The playback's handle.

Chases.Direction.Backwards

Sets the connected chase direction to backwards.

```
MACRO
```

```
Void DirectionBackwards()
```

```
HTTP
```

```
http://[ip]:4430/titan/script/Chases/Direction/Backwards
```

Chases.Direction.Bounce

Sets the connected chase direction to bounce.

```
MACRO
```

```
Void DirectionBounce()
```

```
HTTP
```

```
http://[ip]:4430/titan/script/Chases/Direction/Bounce
```

Chases.Direction.Forwards

Sets the connected chase direction to forwards.

```
MACRO
```

```
Void DirectionForwards()
```

```
HTTP
```

```
http://[ip]:4430/titan/script/Chases/Direction/Forwards
```

Chases.Direction.Random

Sets the connected chase direction to random.

MACRO

Void DirectionRandom()

HTTP

http://[ip]:4430/titan/script/Chases/Direction/Random

Chases.GoBack

Plays back on the supplied playback. Fires the cue previous to the live one

MACRO

Void GoBack(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Chases/GoBack

Parameters

handle: The handle.

Chases.IncrementCrossFade

increments cross fade of a chase

MACRO

Void IncrementCrossFade(Single, Single)

HTTP

http://[ip]:4430/titan/script/Chases/IncrementCrossFade

Parameters

level: cross fade (wheel) value/level

acceleration: wheel acceleration factor, if is something else than 1 a constant acceleration is applied

Chases.IncrementSpeed

increments the chase speed

MACRO

Void IncrementSpeed(Single, Single)

HTTP

http://[ip]:4430/titan/script/Chases/IncrementSpeed

Parameters

level: speed

acceleration: wheel acceleration factor

Chases.IncrementWheelParameter

Takes the wheel increments and adds them to the parameter being displayed on the wheel that moved.

MACRO

Void IncrementWheelParameter(Int32, Single)

HTTP

http://[ip]:4430/titan/script/Chases/IncrementWheelParameter

Parameters

wheelIndex: The index of the wheel that moved.

value: The amount the wheel moved.

Chases.IncrementWheelParameterFast

Increments the wheel parameter faster than normal (used by shift).

MACRO

Void IncrementWheelParameterFast(Int32, Single)

HTTP

```
http://[ip]:4430/titan/script/Chases/IncrementWheelParameterFast
```

Parameters

wheelIndex: Index of the wheel.
value: The value.

Chases.NextStep

Plays the next cue in the specified chase or cue list.

MACRO

```
Void NextStep(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Chases/NextStep
```

Parameters

handle: The handle of the chase or cue list to move to the next cue in.

Chases.Pause

Pauses the given playback.

MACRO

```
Void PausePlayback(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Chases/Pause
```

Parameters

handle: The handle of the playback.

Chases.PauseChase

Pauses a running chase.

MACRO

```
Void PauseConnectedPlayback()
```

HTTP

```
http://[ip]:4430/titan/script/Chases/PauseChase
```

Chases.Play

Plays the given playback.

MACRO

```
Void PlayPlayback(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Chases/Play
```

Parameters

handle: The handle of the playback.

Chases.PlayChase

Continues a running chase that has been paused.

MACRO

```
Void PlayConnectedPlayback()
```

HTTP

```
http://[ip]:4430/titan/script/Chases/PlayChase
```

Chases.Review

Reviews the live cue of the supplied playback. This snaps to the previous cue then runs the live cue again

MACRO

```
Void ReviewLiveCue(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

`http://[ip]:4430/titan/script/Chases/Review`**Parameters****handle:** The handle.**Chases.SetNextCue**

Sets the next step for the supplied playback.

MACRO

`Void SetNextStep(Avolites.Titan.Controllers.Handles.Handle, Single)`

HTTP

`http://[ip]:4430/titan/script/Chases/SetNextCue`**Parameters****handle:** The handle.**stepNumber:** The step number.**Chases.SnapBack**

Snaps back on the supplied playback. This snaps (fires without fades) to the cue previous to the live one

MACRO

`Void SnapBack(Avolites.Titan.Controllers.Handles.Handle)`

HTTP

`http://[ip]:4430/titan/script/Chases/SnapBack`**Parameters****handle:** The handle.**3.8.2 Chases Properties****Chases.ChaseConnected**

MACRO

`ActionScript.SetProperty(Chases.ChaseConnected, [value])`

HTTP

`http://[ip]:4430/titan/get/Chases/ChaseConnected`

HTTP

`POST /titan/set/Chases/ChaseConnected`**Chases.ConnectedHandle**

Gets or sets the connected chase handle.

MACRO

`ActionScript.SetProperty(Chases.ConnectedHandle, [value])`

HTTP

`http://[ip]:4430/titan/get/Chases/ConnectedHandle`

HTTP

`POST /titan/set/Chases/ConnectedHandle`**Chases.Direction.IsBackwards**

Gets or sets whether the connected chase direction is backwards.

MACRO

`ActionScript.SetProperty(Chases.Direction.IsBackwards, [value])`

HTTP

`http://[ip]:4430/titan/get/Chases/Direction/IsBackwards`

HTTP

`POST /titan/set/Chases/Direction/IsBackwards`

Chases.Direction.IsBounce

Gets or sets whether the connected chase direction is bounce.

MACRO

```
ActionScript.SetProperty(Chases.Direction.IsBounce,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Chases/Direction/IsBounce
```

HTTP

```
POST /titan/set/Chases/Direction/IsBounce
```

Chases.Direction.IsForwards

Gets or sets if the connected chase direction is forwards.

MACRO

```
ActionScript.SetProperty(Chases.Direction.IsForwards,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Chases/Direction/IsForwards
```

HTTP

```
POST /titan/set/Chases/Direction/IsForwards
```

Chases.Direction.IsRandom

Gets or sets whether the chase direction is random.

MACRO

```
ActionScript.SetProperty(Chases.Direction.IsRandom,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Chases/Direction/IsRandom
```

HTTP

```
POST /titan/set/Chases/Direction/IsRandom
```

Chases.IgnoreFadeDelayTimes

Gets or sets a value indicating whether [ignore times].

MACRO

```
ActionScript.SetProperty(Chases.IgnoreFadeDelayTimes,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Chases/IgnoreFadeDelayTimes
```

HTTP

```
POST /titan/set/Chases/IgnoreFadeDelayTimes
```

Chases.LiveCueNumber

Gets or sets the live cue number of the connected chase.

MACRO

```
ActionScript.SetProperty(Chases.LiveCueNumber,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Chases/LiveCueNumber
```

HTTP

```
POST /titan/set/Chases/LiveCueNumber
```

Chases.NextCueNumber

Gets or sets the next cue number of the connected chase.

MACRO

```
ActionScript.SetProperty(Chases.NextCueNumber,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Chases/NextCueNumber
```

HTTP

```
POST /titan/set/Chases/NextCueNumber
```

Chases.Paused

MACRO
ActionScript.SetProperty(Chases.Paused,[value])
HTTP
http://[ip]:4430/titan/get/Chases/Paused
HTTP
POST /titan/set/Chases/Paused

3.9 Command**3.9.1 Command Methods****Command.AppendFloat**

Appends a float to the current command text. (See)

MACRO
Void AppendFloat(Single)
HTTP
http://[ip]:4430/titan/script/Command/AppendFloat

Parameters

value: The value to append.

Command.AppendHandleUserNumber

Appends the user number of the specified handle to the command string.

MACRO
Boolean AppendHandle(Avolites.Titan.Controllers.Handles.Handle, System.String)
HTTP
http://[ip]:4430/titan/script/Command/AppendHandleUserNumber

Parameters

handle: The handle.

handleName: Name of the handle, this is prepended to the command string.

Command.AppendMaskAndPreview

Takes the index value of an attribute bank button and turns it into a string for the command syntax.

Namespace: Command

<H2>Syntax</H2><DIV class=syntax>MACRO
Void AppendMaskAndPreview(Int32)
HTTP
http://[ip]:4430/titan/script/Command/AppendMaskAndPreview

Parameters

bankButtonIndex: Index of the bank button.

Command.AppendMaskAttribute

Takes the index value of an attribute bank touch button and turns it into a string for the command syntax.

Namespace: Command

<H2>Syntax</H2><DIV class=syntax>MACRO
Void AppendMaskAttribute(Int32)

HTTP

http://[ip]:4430/titan/script/Command/AppendMaskAttribute

Parameters

wheelIndex: Index of the wheel.

Command.AppendMaskGroupAndPreview

Takes the index value of an attribute bank touch button and turns it into a string for the command syntax.

Namespace: Command

<H2>Syntax</H2><DIV class=syntax>MACRO

Void AppendMaskGroupAndPreview(Int32)

HTTP

http://[ip]:4430/titan/script/Command/AppendMaskGroupAndPreview

Parameters

groupIndex: Index of the group.

Command.AppendNumeral

Appends an integer to the current command text. (See AppendString)

MACRO

Void AppendInteger(Int32, Boolean)

HTTP

http://[ip]:4430/titan/script/Command/AppendNumeral

Parameters

value: The value.

preview: if set to

Command.AppendString

Attempts to append a string to the current command text. If adding the new text would make the string an invalid command it will be rejected.

MACRO

Void AppendString(System.String)

HTTP

http://[ip]:4430/titan/script/Command/AppendString

Parameters

text: The text.

Command.AppendStringAndPreview

Attempts to append a string to the current command text and preview the resultant new command. If adding the new text would make the string an invalid command it will be rejected. If successful the command will be run in preview mode.

MACRO

Boolean AppendStringAndPreview(System.String)

HTTP

http://[ip]:4430/titan/script/Command/AppendStringAndPreview

Parameters

text: The text.

Command.AppendUserNumber

Appends a user number to the command string.

MACRO

Void AppendUserNumber(Avolites.Acw.Titan.AcwUserNumber)

HTTP

http://[ip]:4430/titan/script/Command/AppendUserNumber

Parameters

value: The value.

Command.Backspace

Removes the right most terminal symbol from the current command text and previews the result.

MACRO

Void Backspace()

HTTP

http://[ip]:4430/titan/script/Command/Backspace

Command.CheckAtInCommand

Updates the Command.AtVisible property with whether the supplied command string contains an @ character.

MACRO

Void CheckAtInCommand(System.String)

HTTP

http://[ip]:4430/titan/script/Command/CheckAtInCommand

Parameters

command: The command.

Command.RemoveLastCueSelection

Removes the last cue selection.

MACRO

Void RemoveLastCueSelection()

HTTP

http://[ip]:4430/titan/script/Command/RemoveLastCueSelection

Command.RunCommand

Runs the supplied command if possible.

MACRO

Void RunCommand(System.String)

HTTP

http://[ip]:4430/titan/script/Command/RunCommand

Parameters

command: The command.

Command.RunGroupCommand

A group command. This takes care of concatenating the three parts (GROUP, user number and command) and runs the command with RunToggleGroupCommand

MACRO

Void RunGroupCommand(Avolites.Acw.Titan.AcwUserNumber, System.String)

HTTP

http://[ip]:4430/titan/script/Command/RunGroupCommand

Parameters

userNumber: The user number.

command: The command.

Command.RunToggleGroupCommand

Runs a command in ToggleGroups mode. In this mode group selections toggle rather than always adding.

MACRO

Void RunToggleGroupCommand(System.String)

HTTP

http://[ip]:4430/titan/script/Command/RunToggleGroupCommand

Parameters

command: The command.

Command.SetGroupPatternCommand

Resets the command text to be ready to accept a group pattern (that is to 'GROUP usernumber PATTERN') This is used by the apply group menu to construct the basic command.

MACRO

Void SetGroupPatternCommand(Avolites.Acw.Titan.AcwUserNumber)

HTTP

http://[ip]:4430/titan/script/Command/SetGroupPatternCommand

Parameters

groupNumber: The group number.

Command.StartNewCommand

Clear the current command text to start a new command.

MACRO

Void StartNewCommand()

HTTP

http://[ip]:4430/titan/script/Command/StartNewCommand

3.9.2 Command Properties**Command.AtVisible**

Gets or sets a value indicating whether there is an @ in the current command text.

MACRO

ActionScript.SetProperty(Command.AtVisible,[value])

HTTP

http://[ip]:4430/titan/get/Command/AtVisible

HTTP

POST /titan/set/Command/AtVisible

Command.CommandLineText

Gets or sets the text of the command currently being typed or edited.

MACRO

ActionScript.SetProperty(Command.CommandLineText,[value])

HTTP

http://[ip]:4430/titan/get/Command/CommandLineText

HTTP

POST /titan/set/Command/CommandLineText

Command.LastCueSelection

Gets or sets the text of the command currently being typed or edited.

MACRO

ActionScript.SetProperty(Command.LastCueSelection,[value])

```

HTTP
http://[ip]:4430/titan/get/Command/LastCueSelection
HTTP
POST /titan/set/Command/LastCueSelection

```

Command.SelectionMode

Gets or sets the command channel selection mode. This controls what channel numbers in the command mean eg User number, DMX address, handle, etc

```

MACRO
ActionScript.SetProperty(Command.SelectionMode,[value])
HTTP
http://[ip]:4430/titan/get/Command/SelectionMode
HTTP
POST /titan/set/Command/SelectionMode

```

3.10 Compatibility

3.10.1 Compatibility Methods

Compatibility.MoveHandlesToWorkspaceWindows

Automatically moves the handles from the specified group to the new window views.

```

MACRO
Void MoveHandlesToWorkspaceWindows(System.String)
HTTP
http://[ip]:4430/titan/script/Compatibility/MoveHandlesToWorksp
aceWindows

```

Parameters

groupName: Name of the group to move the handles from.

3.11 ConnectedPlayback

3.11.1 ConnectedPlayback Methods

ConnectedPlayback.Connect

Connects the specified handle. A user connected playback takes precedence over any auto connected ones.

```

MACRO
Void Connect(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/ConnectedPlayback/Connect

```

Parameters

handle: The handle.

ConnectedPlayback.Disconnect

Disconnects any user connected playback and also clear the auto stack. This is so that when you hit disconnect you don't get an autoconnect grab the view again.

```

MACRO
Void Disconnect()
HTTP
http://[ip]:4430/titan/script/ConnectedPlayback/Disconnect

```

ConnectedPlayback.Lock

Locks the connected playback so auto connect wont grab it.

MACRO

Void LockConnectedPlayback()

HTTP

http://[ip]:4430/titan/script/ConnectedPlayback/Lock

ConnectedPlayback.PlaybackActivated

Called when a Playback is activated. It gets added at the top of the stack

MACRO

Void
PlaybackActivated(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/ConnectedPlayback/PlaybackActivated

Parameters

handle: The handle.

ConnectedPlayback.PlaybackDeactivated

Called when a Playback is deactivated. It gets removed from the stack

MACRO

Void
PlaybackDeactivated(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/ConnectedPlayback/PlaybackDeactivated

Parameters

handle: The handle.

ConnectedPlayback.Refresh

Called when the active playback stack changes. We recalculate what the connected playback should be.

MACRO

Void OnActivePlaybackChanged()

HTTP

http://[ip]:4430/titan/script/ConnectedPlayback/Refresh

ConnectedPlayback.Unlock

Unlocks the connected playback so autoconnect can grab it.

MACRO

Void UnlockConnectedPlayback()

HTTP

http://[ip]:4430/titan/script/ConnectedPlayback/Unlock

3.11.2 ConnectedPlayback Properties**ConnectedPlayback.IsLocked**

MACRO

ActionScript.SetProperty(ConnectedPlayback.IsLocked,[value])

HTTP

http://[ip]:4430/titan/get/ConnectedPlayback/IsLocked

HTTP

POST /titan/set/ConnectedPlayback/IsLocked

ConnectedPlayback.PlaybackType

Gets or sets the type of the connected playback. This controls what the buttons do. This is different from the wheel assignment because it will never be Attribute even when the wheels are in use for attributes.

```
MACRO
ActionScript.SetProperty(ConnectedPlayback.PlaybackType, [value]
)
HTTP
http://[ip]:4430/titan/get/ConnectedPlayback/PlaybackType
HTTP
POST /titan/set/ConnectedPlayback/PlaybackType
```

3.12 CueLists

3.12.1 CueLists Methods

CueLists.AdvanceNextStep

Advances the next step on the cue list on the supplied handle. The handle should be a CueListHandle

```
MACRO
Void AdvanceNextStep(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/CueLists/AdvanceNextStep
```

Parameters

handle: The handle of the cue list.

CueLists.CutNextCueToLive

Cuts the next step to live, that is runs it without fade times. Operates on the supplied playback.

```
MACRO
Void
CutNextStepToLive(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/CueLists/CutNextCueToLive
```

Parameters

handle: The playback's handle.

CueLists.DecrementNextStep

Changes the next step to be the one previous to the current next step. Operates on the supplied cue list.

```
MACRO
Void
DecrementNextStep(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/CueLists/DecrementNextStep
```

Parameters

handle: The cue list handle.

CueLists.DecrementWheelParameter

Decrements the wheel parameter. We use the fist wheel to control the next step.

```
MACRO
Void DecrementWheelParameter(Int32)
```

```
HTTP
http://[ip]:4430/titan/script/CueLists/DecrementWheelParameter
```

Parameters

wheelIndex: Index of the wheel.

CueLists.GoBack

Plays back on the supplied playback. Fires the cue previous to the live one

```
MACRO
Void GoBack(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/CueLists/GoBack
```

Parameters

handle: The handle.

CueLists.IncrementWheelParameter

Increments the wheel parameter. We use the fist wheel to control the next step.

```
MACRO
Void IncrementWheelParameter(Int32)
HTTP
http://[ip]:4430/titan/script/CueLists/IncrementWheelParameter
```

Parameters

wheelIndex: Index of the wheel.

CueLists.NextStep

Plays the next cue in the specified chase or cue list.

```
MACRO
Void NextStep(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/CueLists/NextStep
```

Parameters

handle: The handle of the chase or cue list to move to the next cue in.

CueLists.Pause

Pauses the given playback.

```
MACRO
Void PausePlayback(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/CueLists/Pause
```

Parameters

handle: The handle of the playback.

CueLists.PauseChase

Pauses a running chase.

```
MACRO
Void PauseConnectedPlayback()
HTTP
http://[ip]:4430/titan/script/CueLists/PauseChase
```

CueLists.Play

Plays the given playback. If it's paused it continues, if it's running it starts the next step

```

MACRO
Void PlayPlayback(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/CueLists/Play

```

Parameters

handle: The handle of the playback.

CueLists.PlayChase

Continues a running chase that has been paused.

```

MACRO
Void PlayConnectedPlayback()
HTTP
http://[ip]:4430/titan/script/CueLists/PlayChase

```

CueLists.PlayWithTime

Plays the given playback but overrides the fade time with the supplied value.

```

MACRO
Void
PlayPlaybackWithTime(Avolites.Titan.Controllers.Handles.Handle,
Single)
HTTP
http://[ip]:4430/titan/script/CueLists/PlayWithTime

```

Parameters

handle: The handle of the playback.

time: The fade to to use to play the playback.

CueLists.Resume

Unpauses a paused cue list if paused.

```

MACRO
Void Resume(Avolites.Titan.Controllers.Handles.Handle, Single)
HTTP
http://[ip]:4430/titan/script/CueLists/Resume

```

Parameters

handle: The cue list handle to resume.

time: An optional override time.

CueLists.Review

Reviews the live cue of the supplied playback. This snaps to the previous cue then runs the live cue again

```

MACRO
Void ReviewLiveCue(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/CueLists/Review

```

Parameters

handle: The handle.

CueLists.SetNextCue

Sets the next step for the supplied playback.

```

MACRO
Void SetNextStep(Avolites.Titan.Controllers.Handles.Handle,
Single)
HTTP
http://[ip]:4430/titan/script/CueLists/SetNextCue

```

Parameters

- handle:** The handle.
- stepNumber:** The step number.

CueLists.SnapBack

Snaps back on the supplied playback. This snaps (fires without fades) to the cue previous to the live one

```
MACRO
```

```
Void SnapBack(Avolites.Titan.Controllers.Handles.Handle)
```

```
HTTP
```

```
http://[ip]:4430/titan/script/CueLists/SnapBack
```

Parameters

- handle:** The handle.

3.12.2 CueLists Properties**CueLists.ConnectedHandle**

Gets or sets the connected cueList handle.

```
MACRO
```

```
ActionScript.SetProperty(CueLists.ConnectedHandle,[value])
```

```
HTTP
```

```
http://[ip]:4430/titan/get/CueLists/ConnectedHandle
```

```
HTTP
```

```
POST /titan/set/CueLists/ConnectedHandle
```

CueLists.CueListConnected

```
MACRO
```

```
ActionScript.SetProperty(CueLists.CueListConnected,[value])
```

```
HTTP
```

```
http://[ip]:4430/titan/get/CueLists/CueListConnected
```

```
HTTP
```

```
POST /titan/set/CueLists/CueListConnected
```

CueLists.LiveCueHandle

Gets or sets the Live connected cue handle.

```
MACRO
```

```
ActionScript.SetProperty(CueLists.LiveCueHandle,[value])
```

```
HTTP
```

```
http://[ip]:4430/titan/get/CueLists/LiveCueHandle
```

```
HTTP
```

```
POST /titan/set/CueLists/LiveCueHandle
```

CueLists.LiveCueNumber

Gets or sets the live cue number of the connected cueList.

```
MACRO
```

```
ActionScript.SetProperty(CueLists.LiveCueNumber,[value])
```

```
HTTP
```

```
http://[ip]:4430/titan/get/CueLists/LiveCueNumber
```

```
HTTP
```

```
POST /titan/set/CueLists/LiveCueNumber
```

CueLists.NextCueHandle

Gets or sets the Next connected cue handle.

```
MACRO
```

```
ActionScript.SetProperty(CueLists.NextCueHandle,[value])
```



```
HTTP
http://[ip]:4430/titan/get/CueLists/NextCueHandle
HTTP
POST /titan/set/CueLists/NextCueHandle
```

CueLists.NextCueNumber

Gets or sets the next cue number of the connected cueList.

```
MACRO
ActionScript.SetProperty(CueLists.NextCueNumber,[value])
HTTP
http://[ip]:4430/titan/get/CueLists/NextCueNumber
HTTP
POST /titan/set/CueLists/NextCueNumber
```

CueLists.Paused

```
MACRO
ActionScript.SetProperty(CueLists.Paused,[value])
HTTP
http://[ip]:4430/titan/get/CueLists/Paused
HTTP
POST /titan/set/CueLists/Paused
```

3.13 CurrentMenu**3.13.1 CurrentMenu Properties****CurrentMenu.Latched**

A menu accessible property as to whether the current menu is latched.

```
MACRO
ActionScript.SetProperty(CurrentMenu.Latched,[value])
HTTP
http://[ip]:4430/titan/get/CurrentMenu/Latched
HTTP
POST /titan/set/CurrentMenu/Latched
```

CurrentMenu.Name

A menu accessible property for the name of the current menu.

```
MACRO
ActionScript.SetProperty(CurrentMenu.Name,[value])
HTTP
http://[ip]:4430/titan/get/CurrentMenu/Name
HTTP
POST /titan/set/CurrentMenu/Name
```

3.14 DistributedProperties**3.14.1 DistributedProperties Properties****DistributedProperties.CurrentPropertySectionId**

```
MACRO
ActionScript.SetProperty(DistributedProperties.CurrentPropertySectionId,[value])
```

```

HTTP
http://[ip]:4430/titan/get/DistributedProperties/CurrentPropertySectionId
HTTP
POST /titan/set/DistributedProperties/CurrentPropertySectionId

```

3.15 DJTap

3.15.1 DJTap Methods

DJTap.BindDeckToMaster

Binds a DJ Tap BPM and Sync stream to a speed master.

```

MACRO
Void BindDeckToMaster(Int32, Avolites.Acw.Titan.AcwMaster)
HTTP
http://[ip]:4430/titan/script/DJTap/BindDeckToMaster

```

Parameters

- deckId**: The the DJ tap deck identifier, Master = 8, LayerA = 6, LayerB = 7
- master**: The master to bind the DJ Tap stream to. Should be a BPM master.

DJTap.UnBindDeckFromMaster

Un Binds the DJ Tap BPM sync from a speed master.

```

MACRO
Void UnBindDeckFromMaster(Int32)
HTTP
http://[ip]:4430/titan/script/DJTap/UnBindDeckFromMaster

```

Parameters

- deckId**: The the DJ tap deck identifier, Master = 8, LayerA = 6, LayerB = 7

3.16 Dmx

3.16.1 Dmx Methods

Dmx.AssignLinesFromNodeToLocal

Assigns the lines from node to local.

```

MACRO
Void AssignLinesFromNodeToLocal(System.String)
HTTP
http://[ip]:4430/titan/script/Dmx/AssignLinesFromNodeToLocal

```

Parameters

- titanNetNodeId**: The titan net node identifier.

Dmx.ConfirmNodeRelease

Releases the titan net node asynchronous.

```

MACRO
Void ReleaseTitanNetNodeAsync(System.String)
HTTP
http://[ip]:4430/titan/script/Dmx/ConfirmNodeRelease

```

Parameters

- titanNetNodeId**: The titan net node identifier.

Dmx.ConfirmNodeSteal

MACRO

```
Void
ConfirmNodeSteal(System.Collections.Generic.List`1[System.Int32], System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Dmx/ConfirmNodeSteal
```

Dmx.DisconnectExpertDmxPort

Disconnects an Expert DMX port.

MACRO

```
Void DisconnectExpertDmxPort(Int32, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Dmx/DisconnectExpertDmxPort
```

Parameters

- panelId**: The panel id.
- portId**: The port id.

Dmx.EnableDmxModule

Enables or disables the DMX module.

MACRO

```
Void EnableDmxModule(System.String, System.String, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Dmx/EnableDmxModule
```

Parameters

- dfeNodeId**: The node identifier.
- moduleId**: The module identifier.
- enable**: Set to

Dmx.FreezeDmx

Allow the user to enable or disable DMX output

MACRO

```
Void FreezeDmx(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Dmx/FreezeDmx
```

Parameters

- freeze**: if set to

Dmx.IsExpertDmxPortOutput

Determines whether an expert DMX port is in output mode.

MACRO

```
Boolean IsExpertDmxPortOutput(Int32, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Dmx/IsExpertDmxPortOutput
```

Parameters

- panelId**: The panel id.
- portId**: The port id.

Dmx.NetworkInterfaceList

Returns a menu list of network interfaces on the selected node

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
NetworkInterfaceMenuList()
```

HTTP

`http://[ip]:4430/titan/script/Dmx/NetworkInterfaceList`**Returns**

A list of network interface names as menu items.

Dmx.SetMergePriority

Sets the streaming ACN merge priority.

MACRO

`Void SetMergePriority(Int32)`

HTTP

`http://[ip]:4430/titan/script/Dmx/SetMergePriority`**Parameters****mergePriority:****Dmx.UpdateDfeNodes**

Updates the list of dfe nodes.

MACRO

`Void UpdateDfeNodes()`

HTTP

`http://[ip]:4430/titan/script/Dmx/UpdateDfeNodes`**Dmx.UpdateLines**

Updates the local line list.

MACRO

`Void UpdateLines()`

HTTP

`http://[ip]:4430/titan/script/Dmx/UpdateLines`

3.16.2 Dmx Properties

Dmx.DfeLines

Gets or sets the dfe lines.

MACRO

`ActionScript.SetProperty(Dmx.DfeLines, [value])`

HTTP

`http://[ip]:4430/titan/get/Dmx/DfeLines`

HTTP

`POST /titan/set/Dmx/DfeLines`**Dmx.DfeNodes**

Gets or sets the dfe nodes.

MACRO

`ActionScript.SetProperty(Dmx.DfeNodes, [value])`

HTTP

`http://[ip]:4430/titan/get/Dmx/DfeNodes`

HTTP

`POST /titan/set/Dmx/DfeNodes`**Dmx.ModuleSettings**

Gets or sets a list of module TitanProperties for all the properties in the current module.

MACRO

`ActionScript.SetProperty(Dmx.ModuleSettings, [value])`

HTTP

`http://[ip]:4430/titan/get/Dmx/ModuleSettings`

```
HTTP
POST /titan/set/Dmx/ModuleSettings
```

Dmx.ModuleSettings.BlockRDM

Gets or sets DMX overrun setting for the current module.

```
MACRO
ActionScript.SetProperty(Dmx.ModuleSettings.BlockRDM,[value])
HTTP
http://[ip]:4430/titan/get/Dmx/ModuleSettings/BlockRDM
HTTP
POST /titan/set/Dmx/ModuleSettings/BlockRDM
```

Dmx.ModuleSettings.BreakLength

the break length for current module

```
MACRO
ActionScript.SetProperty(Dmx.ModuleSettings.BreakLength,[value]
)
HTTP
http://[ip]:4430/titan/get/Dmx/ModuleSettings/BreakLength
HTTP
POST /titan/set/Dmx/ModuleSettings/BreakLength
```

Dmx.ModuleSettings.DmxOverrunEnabled

Gets or sets DMX overrun setting for the current module.

```
MACRO
ActionScript.SetProperty(Dmx.ModuleSettings.DmxOverrunEnabled,[
value])
HTTP
http://[ip]:4430/titan/get/Dmx/ModuleSettings/DmxOverrunEnabled
HTTP
POST /titan/set/Dmx/ModuleSettings/DmxOverrunEnabled
```

Dmx.ModuleSettings.DoesAlwaysBroadcastArtNet

whether or not the current art net module always broadcasts

```
MACRO
ActionScript.SetProperty(Dmx.ModuleSettings.DoesAlwaysBroadcast
ArtNet,[value])
HTTP
http://[ip]:4430/titan/get/Dmx/ModuleSettings/DoesAlwaysBroadca
stArtNet
HTTP
POST /titan/set/Dmx/ModuleSettings/DoesAlwaysBroadcastArtNet
```

Dmx.ModuleSettings.HasExtraStopBit

whether or not the current art net module has an extra stop bit

```
MACRO
ActionScript.SetProperty(Dmx.ModuleSettings.HasExtraStopBit,[va
lue])
HTTP
http://[ip]:4430/titan/get/Dmx/ModuleSettings/HasExtraStopBit
HTTP
POST /titan/set/Dmx/ModuleSettings/HasExtraStopBit
```

Dmx.ModuleSettings.IsContinuousArtNetDataStream

whether or not the data stream is continuous for an art net module

```

MACRO
ActionScript.SetProperty(Dmx.ModuleSettings.IsContinuousArtNetDataStream,[value])
HTTP
http://[ip]:4430/titan/get/Dmx/ModuleSettings/IsContinuousArtNetDataStream
HTTP
POST /titan/set/Dmx/ModuleSettings/IsContinuousArtNetDataStream

```

Dmx.ModuleSettings.IsDmxOutputEnabled

whether or not the dmx output is enabled for current module

```

MACRO
ActionScript.SetProperty(Dmx.ModuleSettings.IsDmxOutputEnabled,[value])
HTTP
http://[ip]:4430/titan/get/Dmx/ModuleSettings/IsDmxOutputEnabled
HTTP
POST /titan/set/Dmx/ModuleSettings/IsDmxOutputEnabled

```

Dmx.ModuleSettings.LegacyModeEnabled

Gets or sets legacy mode setting for the current module.

```

MACRO
ActionScript.SetProperty(Dmx.ModuleSettings.LegacyModeEnabled,[value])
HTTP
http://[ip]:4430/titan/get/Dmx/ModuleSettings/LegacyModeEnabled
HTTP
POST /titan/set/Dmx/ModuleSettings/LegacyModeEnabled

```

Dmx.ModuleSettings.MarkAfterBreakLength

mark after break length for current module

```

MACRO
ActionScript.SetProperty(Dmx.ModuleSettings.MarkAfterBreakLength,[value])
HTTP
http://[ip]:4430/titan/get/Dmx/ModuleSettings/MarkAfterBreakLength
HTTP
POST /titan/set/Dmx/ModuleSettings/MarkAfterBreakLength

```

Dmx.ModuleSettings.MergePriority

Gets or sets the merge priority for a DMX stream module.

```

MACRO
ActionScript.SetProperty(Dmx.ModuleSettings.MergePriority,[value])
HTTP
http://[ip]:4430/titan/get/Dmx/ModuleSettings/MergePriority
HTTP
POST /titan/set/Dmx/ModuleSettings/MergePriority

```

Dmx.Settings.CurrentDmxNode

the current dmx node

```

MACRO
ActionScript.SetProperty(Dmx.Settings.CurrentDmxNode,[value])

```

```

HTTP
http://[ip]:4430/titan/get/Dmx/Settings/CurrentDmxNode
HTTP
POST /titan/set/Dmx/Settings/CurrentDmxNode

```

Dmx.Settings.CurrentNode.Blind

Gets or sets whether the current node sends blind DMX data.

```

MACRO
ActionScript.SetProperty(Dmx.Settings.CurrentNode.Blind,[value]
)
HTTP
http://[ip]:4430/titan/get/Dmx/Settings/CurrentNode/Blind
HTTP
POST /titan/set/Dmx/Settings/CurrentNode/Blind

```

Dmx.Settings.CurrentNode.IPAddress

```

MACRO
ActionScript.SetProperty(Dmx.Settings.CurrentNode.IPAddress,[va
lue])
HTTP
http://[ip]:4430/titan/get/Dmx/Settings/CurrentNode/IPAddress
HTTP
POST /titan/set/Dmx/Settings/CurrentNode/IPAddress

```

Dmx.Settings.CurrentNode.Name

the name property of dmx context node

```

MACRO
ActionScript.SetProperty(Dmx.Settings.CurrentNode.Name,[value])
HTTP
http://[ip]:4430/titan/get/Dmx/Settings/CurrentNode/Name
HTTP
POST /titan/set/Dmx/Settings/CurrentNode/Name

```

Dmx.Settings.CurrentNode.System

the system property of context dmx node

```

MACRO
ActionScript.SetProperty(Dmx.Settings.CurrentNode.System,[value
])
HTTP
http://[ip]:4430/titan/get/Dmx/Settings/CurrentNode/System
HTTP
POST /titan/set/Dmx/Settings/CurrentNode/System

```

Dmx.Settings.CurrentNode.Universe

the universe or wendi universe property of the context dmx node

```

MACRO
ActionScript.SetProperty(Dmx.Settings.CurrentNode.Universe,[val
ue])
HTTP
http://[ip]:4430/titan/get/Dmx/Settings/CurrentNode/Universe
HTTP
POST /titan/set/Dmx/Settings/CurrentNode/Universe

```

3.17 DmxSettingsControl

3.17.1 DmxSettingsControl Methods

DmxSettingsControl.CollapseAllLines

MACRO

Void CollapseAllLines()

HTTP

http://[ip]:4430/titan/script/DmxSettingsControl/CollapseAllLines

DmxSettingsControl.ExpandAllLines

MACRO

Void ExpandAllLines()

HTTP

http://[ip]:4430/titan/script/DmxSettingsControl/ExpandAllLines

3.18 Editor

3.18.1 Editor Methods

Editor.FixtureOrder.BeginFixtureOrderSelection

Starts the fixture order selection editor using the current context selection.

MACRO

Void BeginFixtureOrderSelection()

HTTP

http://[ip]:4430/titan/script/Editor/FixtureOrder/BeginFixtureOrderSelection

Editor.FixtureOrder.EndFixtureOrderSelection

Finishes and tidies up after the fixture order selection editor.

MACRO

Void EndFixtureOrderSelection()

HTTP

http://[ip]:4430/titan/script/Editor/FixtureOrder/EndFixtureOrderSelection

Editor.FixtureOrder.ForceAssignMode

Forces the assign mode to assign the step number. This is the default.

MACRO

Void ForceAssignMode()

HTTP

http://[ip]:4430/titan/script/Editor/FixtureOrder/ForceAssignMode

Editor.FixtureOrder.SetAssignMode

MACRO

Void
SetAssignMode(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])

HTTP

http://[ip]:4430/titan/script/Editor/FixtureOrder/SetAssignMode

Editor.KeyFrames.AppendOrInsertKeyFrameStep

Appends or inserts a new key frame step into a key frame shape.

MACRO

```
Void
AppendOrInsertKeyFrameStep(Avolites.Titan.Controllers.Handles.ITitanItemHandle, Int32,
Avolites.Titan.Controllers.RecordCueMode)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/KeyFrames/AppendOrInsertKeyFrameStep
```

Parameters

- shapeHandle**: The key frame shape's handle.
- stepNumber**: The key frame step number.
- recordMode**: The record mode.

Editor.KeyFrames.ClearUnfold

Clears the key frame unfold.

MACRO

```
Void ClearUnfold()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/KeyFrames/ClearUnfold
```

Editor.KeyFrames.CreateKeyFrameShape

Creates a new Key Frame shape and sets it as the new context shape for editing.

MACRO

```
Void CreateKeyFrameShape()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/KeyFrames/CreateKeyFrameShape
```

Editor.KeyFrames.CreateKeyFrameShapeLayer

Adds a layer to an existing super shape and starts building that layer

MACRO

```
Void CreateKeyFrameShapeLayer(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/KeyFrames/CreateKeyFrameShapeLayer
```

Parameters

- superShapeId**: The super shape identifier.

Editor.KeyFrames.DeleteKeyFrame

Deletes the specified key frame from a key frame shape.

MACRO

```
Void
DeleteKeyFrame(Avolites.Titan.Controllers.Handles.ITitanItemHandle, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/KeyFrames/DeleteKeyFrame
```

Parameters

- shapeHandle**: The key frame shape's handle.
- stepNumber**: The key frame step number.

Editor.KeyFrames.DeleteKeyFrameById

Deletes a key frame by Titan ID.

```

MACRO
Void DeleteKeyFrameById(Int32, Int32)
HTTP
http://[ip]:4430/titan/script/Editor/KeyFrames/DeleteKeyFrameBy
Id

```

Parameters

keyFrameShapeId: The key frame shape identifier.
keyFrameId: The key frame identifier.

Editor.KeyFrames.DeleteKeyFrameShape

Deletes a key frame shape.

```

MACRO
Void DeleteKeyFrameShape(Int32)
HTTP
http://[ip]:4430/titan/script/Editor/KeyFrames/DeleteKeyFrameSh
ape

```

Parameters

shapeId: The shape identifier.

Editor.KeyFrames.DoesShapeExist

Checks the parent shape exists.

```

MACRO
Boolean
DoesShapeExist(Avolites.Titan.Controllers.Handles.ITitanItemHan
dle)
HTTP
http://[ip]:4430/titan/script/Editor/KeyFrames/DoesShapeExist

```

Parameters

shapeHandle: The shape handle.

Editor.KeyFrames.FinishKeyFrameShapeRecord

Finishes the key frame shape record.

```

MACRO
Void
FinishKeyFrameShapeRecord(Avolites.Titan.Controllers.Handles.IT
itanItemHandle)
HTTP
http://[ip]:4430/titan/script/Editor/KeyFrames/FinishKeyFrameSh
apeRecord

```

Parameters

shapeHandle: The shape handle.

Editor.KeyFrames.GetKeyFrameShapeFixtures

Gets an enumerable collection of titan Fixture IDs for a given key frame shape.

```

MACRO
System.Collections.Generic.IEnumerable`1[System.Int32]
GetKeyFrameShapeFixtures(Int32)
HTTP
http://[ip]:4430/titan/script/Editor/KeyFrames/GetKeyFrameShape
Fixtures

```

Parameters

keyFrameShapeId: The key frame shape identifier.

Returns

The fixture IDs in the key frame shape.

Editor.KeyFrames.OverwriteKeyFrame

Overwrites a currently existing key frame within a key frame shape.

MACRO

```
Void
OverwriteKeyFrame(Avolites.Titan.Controllers.Handles.ITitanItem
Handle, Int32, Avolites.Titan.Controllers.RecordCueMode,
Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/KeyFrames/OverwriteKeyFrame
```

Parameters

shapeHandle: The key frame shape's handle.
stepNumber: The key frame step number.
recordMode: The record mode.
replace: Set to

Editor.KeyFrames.PauseKeyFrameShape

MACRO

```
Void
PauseKeyFrameShape(System.Collections.Generic.IEnumerable`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Editor/KeyFrames/PauseKeyFrameShape
```

Editor.KeyFrames.PlayKeyFrameShape

MACRO

```
Void
PlayKeyFrameShape(System.Collections.Generic.IEnumerable`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Editor/KeyFrames/PlayKeyFrameShape
```

Editor.KeyFrames.QuickBuildRange

MACRO

```
Avolites.Menus.EventPropagation
QuickBuildRange(System.Collections.Generic.List`1[Avolites.Titan.Controllers.Handles.Handle],
Avolites.Titan.Controllers.Handles.ITitanItemHandle, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/KeyFrames/QuickBuildRange
```

Editor.KeyFrames.SelectFixturesInEditKeyFrameShape

Selects all the fixtures in the shapes being edited.

MACRO

```
Void SelectFixturesInEditKeyFrameShape()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/KeyFrames/SelectFixturesInEditKeyFrameShape
```

Editor.KeyFrames.SetCurrentStepFromHandle

Sets the current step from a key frame handle.

```

MACRO
Void
SetCurrentStepFromHandle(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Editor/KeyFrames/SetCurrentStepFromHandle

```

Parameters**handle:** The handle.**Editor.KeyFrames.SetCurrentStepFromKeyFrameId**

Sets the current step from a key frame identifier.

```

MACRO
Void SetCurrentStepFromKeyFrameId(Int32)
HTTP
http://[ip]:4430/titan/script/Editor/KeyFrames/SetCurrentStepFromKeyFrameId

```

Parameters**keyFrameId:** The key frame identifier.**Editor.KeyFrames.SetEditHandle**

Attempt to set the current to the key frame shape ID provided.

```

MACRO
Void SetEditHandle(Int32)
HTTP
http://[ip]:4430/titan/script/Editor/KeyFrames/SetEditHandle

```

Parameters**shapeTitanId:** The key frame shape's titan identifier.**Editor.KeyFrames.SetKeyFrameProperties**

```

MACRO
Void
SetEffectProperties(Avolites.Titan.PixelMapper.Info.EffectPath,
System.Collections.Generic.IEnumerable`1[System.Collections.Generic.KeyValuePair`2[System.String,System.Object]])
HTTP
http://[ip]:4430/titan/script/Editor/KeyFrames/SetKeyFrameProperties

```

Editor.KeyFrames.SetKeyFrameTransitionType

Sets the type of a key frame's transition.

```

MACRO
Void SetKeyFrameTransitionType(Int32, Int32,
Avolites.Titan.PixelMapper.Info.EffectTransitionTypeIdentifier)
HTTP
http://[ip]:4430/titan/script/Editor/KeyFrames/SetKeyFrameTransitionType

```

Parameters**keyFrameShapeId:** The key frame shape identifier.**keyFrameId:** The key frame identifier.**transitionType:** Type of the transition.**Editor.KeyFrames.SetKeyframeUnfoldVisible**

Sets whether the key frame unfold handles are visible.

```
MACRO
Void SetKeyframeUnfoldVisible(Boolean)
HTTP
http://[ip]:4430/titan/script/Editor/KeyFrames/SetKeyframeUnfoldVisible
```

Parameters**visible:****Editor.KeyFrames.StartFrameProgrammingMode**

Places the console into the mode for programming a new key frame within a key frame shape. This method will stop the edited shape (to allow the programmer the ability to see what is being stored into each frame), then will set the console's programmer to a temporary scratch area before bringing up the key frame builder softkey menu and WPF control.

```
MACRO
Void StartFrameProgrammingMode()
HTTP
http://[ip]:4430/titan/script/Editor/KeyFrames/StartFrameProgrammingMode
```

Editor.KeyFrames.StopKeyFrameShape

```
MACRO
Void
StopKeyFrameShape(System.Collections.Generic.IEnumerable`1[System.Int32])
HTTP
http://[ip]:4430/titan/script/Editor/KeyFrames/StopKeyFrameShape
```

Editor.KeyFrames.UnfoldKeyFrames

Unfolds the key frames on to the specified handles.

```
MACRO
Void
UnfoldKeyFrames(Avolites.Titan.Controllers.Handles.Custom.KeyFrameShapeHandle, System.String)
HTTP
http://[ip]:4430/titan/script/Editor/KeyFrames/UnfoldKeyFrames
```

Parameters**keyFrameHandle:** The key frame handle.**groups:** The groups.**Editor.PixelMapper.AddEffectAnimation**

Adds the effect animation.

```
MACRO
Void AddEffectAnimation(Int32, System.String)
HTTP
http://[ip]:4430/titan/script/Editor/PixelMapper/AddEffectAnimation
```

Parameters**effectId:** The effect id.**animationTypeId:** The animation type id.**Editor.PixelMapper.AddEffectElement**

Adds an effect element.

```

MACRO
Void AddEffectElement(Int32, Int32, System.String)
HTTP
http://[ip]:4430/titan/script/Editor/PixelMapper/AddEffectElement

```

Parameters

- effectId**: The effect id.
- layerId**: The layer id.
- elementTypeId**: The element type id.

Editor.PixelMapper.AddEffectElementAnimation

Adds an element animation.

```

MACRO
Void AddEffectElementAnimation(Int32, Int32, Int32,
System.String)
HTTP
http://[ip]:4430/titan/script/Editor/PixelMapper/AddEffectElementAnimation

```

Parameters

- effectId**: The effect id.
- layerId**: The layer id.
- elementId**: The element id.
- animationTypeId**: The animation type id.

Editor.PixelMapper.AddEffectLayer

Adds an effect layer.

```

MACRO
Void AddEffectLayer(Int32)
HTTP
http://[ip]:4430/titan/script/Editor/PixelMapper/AddEffectLayer

```

Parameters

- effectId**: The effect id.

Editor.PixelMapper.CopyLayerElementAnimation

Performs the copy operation.

```

MACRO
Void
CopyLayerElementAnimation(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Editor/PixelMapper/CopyLayerElementAnimation

```

Parameters

- destinationHandle**: The destination handle.

Editor.PixelMapper.CreateEffect

Creates a new effect on the selected groups. By default 4 layers are added.

```

MACRO
Void CreateEffect()
HTTP
http://[ip]:4430/titan/script/Editor/PixelMapper/CreateEffect

```

Editor.PixelMapper.DeleteEffect

Deletes an effect and removes it from all playbacks.

```

MACRO
Void DeleteEffect(Int32)
HTTP
http://[ip]:4430/titan/script/Editor/PixelMapper/DeleteEffect

```

Parameters

effectId: The effect id.

Editor.PixelMapper.DeleteEffectAnimation

```

MACRO
Void DeleteEffectAnimation(Int32, Int32)
HTTP
http://[ip]:4430/titan/script/Editor/PixelMapper/DeleteEffectAn
imation

```

Editor.PixelMapper.DeleteEffectElement

Deletes an effect element.

```

MACRO
Void DeleteEffectElement(Int32, Int32, Int32)
HTTP
http://[ip]:4430/titan/script/Editor/PixelMapper/DeleteEffectEl
ement

```

Parameters

effectId: The effect id.

layerId: The layer id.

elementId: The element type id.

Editor.PixelMapper.DeleteEffectElementAnimation

Delete an element animation.

```

MACRO
Void DeleteEffectElementAnimation(Int32, Int32, Int32, Int32)
HTTP
http://[ip]:4430/titan/script/Editor/PixelMapper/DeleteEffectEl
ementAnimation

```

Parameters

effectId: The effect id.

layerId: The layer id.

elementId: The element id.

animationId: The animation type id.

Editor.PixelMapper.MoveLayerElementAnimation

Performs the move operation.

```

MACRO
Void
MoveLayerElementAnimation(Avolites.Titan.Controllers.Handles.Ha
ndle)
HTTP
http://[ip]:4430/titan/script/Editor/PixelMapper/MoveLayerEleme
ntAnimation

```

Parameters

destinationHandle: The destination handle.

Editor.PixelMapper.ReorderEffectLayer

Moves a layer up in the effect layer order

```

MACRO
Void ReorderEffectLayer(Int32, Int32, Boolean)

```

HTTP

```
http://[ip]:4430/titan/script/Editor/PixelMapper/ReorderEffectLayer
```

Parameters**effectId**: The effect Id**layerId**: The layer Id**moveUpOrder**: True to move the layer up in the order, false to move it down**Editor.PixelMapper.ResetSelectedEffect**

Resets the selected view effectId and name

MACRO

```
Void ResetSelectedEffect()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/PixelMapper/ResetSelectedEffect
```

Editor.PixelMapper.SelectCopyHandle

Selects the handle to be copied

MACRO

```
Void  
SelectCopyHandle(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/PixelMapper/SelectCopyHandle
```

Parameters**handle**: The handle to copy**Editor.PixelMapper.SelectedEffectChanged**

Called when the selected effect in effect view is changed

MACRO

```
Void SelectedEffectChanged(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/PixelMapper/SelectedEffectChanged
```

Parameters**effectId**: The selected effect id**Editor.PixelMapper.Selection.Clear**

Clears the selection.

MACRO

```
Void ClearEffectSelection()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/PixelMapper/Selection/Clear
```

Editor.PixelMapper.Selection.StartNew

Sets the StartNew flag for the selection.

MACRO

```
Void StartNew()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/PixelMapper/Selection/StartNew
```


Editor.PixelMapper.Selection.Toggle

Toggles an item in the selection.

MACRO

```
Void ToggleSelection(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/PixelMapper/Selection/Toggle
```

Parameters

effectHandle: The effect handle.

Editor.PixelMapper.SelectPixelMapHandle

Selects a pixel map handle

MACRO

```
Void SelectPixelMapHandle(Int32, Int32, Int32, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/PixelMapper/SelectPixelMapHandle
```

Parameters

effectId: The effect id

layerId: The layer id

elementId: The element id

animationId: The animation id

Editor.PixelMapper.SetEffectProperties

MACRO

```
Void SetEffectProperties(Avolites.Titan.PixelMapper.Info.EffectPath, System.Collections.Generic.IEnumerable`1[System.Collections.Generic.KeyValuePair`2[System.String,System.Object]])
```

HTTP

```
http://[ip]:4430/titan/script/Editor/PixelMapper/SetEffectProperties
```

Editor.PixelMapper.SetEffectProperty

Sets the effect property.

MACRO

```
Void SetEffectProperty(Int32, System.String, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/PixelMapper/SetEffectProperty
```

Parameters

effectId: The effect id.

propertyId: The property id.

value: The value.

Editor.PixelMapper.SetSelectedPlaybackCueHandle

Sets the selected playback cue handle to view in pixel effect view window

MACRO

```
Void SetSelectedPlaybackCueHandle(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/PixelMapper/SetSelectedPlaybackCueHandle
```

Parameters**handle:****Editor.PixelMapper.SetSelectedViewPixelEffectHandles**

Sets the selected view pixel effect handles to view in pixel effect view window

MACRO

Void

```
SetSelectedViewPixelEffectHandles(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/PixelMapper/SetSelectedViewPixelEffectHandles
```

Parameters**handle:****Editor.Shapes.CanShapeRunOnCells**

Determines whether the supplied shape can run on the cells of the selected fixtures. If this is possible the user is prompted to choose

MACRO

```
Boolean CanShapeRunOnCells(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/CanShapeRunOnCells
```

Parameters**shapeId:** The shape id.**Editor.Shapes.ClearContext**

Clears the shape view context.

MACRO

```
Void ClearShapeViewContext()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/ClearContext
```

Editor.Shapes.ClearEditShapes

Manually clears the EditShapes list.

MACRO

```
Void ClearEditShapes()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/ClearEditShapes
```

Editor.Shapes.ClearHighlightedShapes

Clears the highlight from all shapes in ProgrammerShapeItems.

MACRO

```
Void ClearHighlightedShapes()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/ClearHighlightedShapes
```

Editor.Shapes.ClearInfo

Clears the shape data from the fixture info objects. Renderers will revert to showing normal info.

MACRO

```
Void ClearFixtureInfo()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/ClearInfo
```

Editor.Shapes.ConnectShapesList

Returns a list of shapes running in the programmer/playbacks and sets all shapes to highlight.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
ConnectShapesList()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/ConnectShapesList
```

Returns

A list of shapes from the programmer and playbacks.

Editor.Shapes.ConnectShapesRunning

Whether there are any running shapes or not.

MACRO

```
Boolean ConnectShapesRunning()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/ConnectShapesRunning
```

Editor.Shapes.CreateShape

Places the specified shape in the programmer and plays it on the currently selected fixtures.

MACRO

```
Void CreateShape(System.String, Boolean, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/CreateShape
```

Parameters

- shapeId**: The name of the shape to create.
- runOnCells**: if set to
- absolute**: if set to

Editor.Shapes.CurrentShapeOnOffAttributes

Returns suitable shape off menu items according to current shape view

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
CurrentShapeOffAttributes(Int32, Int32, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/CurrentShapeOnOffAttributes
```

Parameters

- wheelPageStride**: The wheel page stride.
- currentView**: The current view.
- on**: if set to

Editor.Shapes.DeleteHighlighted

Deletes any shapes in the ProgrammerShapesList that have there highlight property set to true. The user is presented with a list of shapes which they can select from, this will then delete them.

MACRO

```
Void DeleteHighlightedShapes()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/DeleteHighlighted
```

Editor.Shapes.EditShapesList

Returns a list of shapes running in the programmer/playbacks and sets any shapes which are also selected for edit to highlight.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
EditShapesList()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/EditShapesList
```

Returns

A list of shapes in the programmer.

Editor.Shapes.GetAvailableShapes

Returns a list of shape names available, filtered by the ShapeTypeFilter and the currently selected fixtures. When this is called the property is updated.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
GetAvailableShapes()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/GetAvailableShapes
```

Returns

A list of available shape names.

Editor.Shapes.IncrementWheelParameter

Takes the wheel increments and adds them to the parameter being displayed on the wheel that moved.

MACRO

```
Void IncrementWheelParameter(Int32, Double, Double)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/IncrementWheelParameter
```

Parameters

wheelIndex: The index of the wheel that moved.

value: The amount the wheel moved.

timeDelta: The time delta.

Editor.Shapes.IncrementWheelParameterFast

Increments the shape parameters, currently being displayed on the wheels. Introduces a multiplier into the increment value to get through the full range in exactly one turn. Used for shift-wheel.

MACRO

```
Void IncrementWheelParameterFast(Int32, Double, Double)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/IncrementWheelParameterFast
```

Parameters

wheelIndex: The index of the wheel containing a parameter to increment.

value: The amount you want to increment the shape parameter.

timeDelta: The time delta.

Editor.Shapes.ProgrammerShapesList

Returns a list of shapes in the Titan programmer to the menu system.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
ProgrammerShapesList()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/ProgrammerShapesList
```

Returns

A list of shapes in the programmer.

Editor.Shapes.RaiseShapeSelected

Called when a shape is selected in shape view window

MACRO

```
Void RaiseShapeSelected(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/RaiseShapeSelected
```

Parameters

shapeId: The id of the selected shape

Editor.Shapes.RemoveShapeFromCue

Deletes a shape.

MACRO

```
Void RemoveShapeFromCue(Int32,
Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/RemoveShapeFromCue
```

Parameters

shapeId: The shape Id

handle: The handle.

Editor.Shapes.Reverse

Toggles the direction of each of the selected fixtures.

MACRO

```
Void Reverse()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/Reverse
```

Editor.Shapes.ReverseAll

Toggles the direction of all shapes selected for editing.

MACRO

```
Void ReverseAll()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/ReverseAll
```

Editor.Shapes.SelectAllShapes

Selects all shapes in ProgrammerShapeItems for editing.

MACRO

```
Void SelectAllShapes()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SelectAllShapes
```

Editor.Shapes.SelectFixturesInEditShapes

Selects all the fixtures in the shapes being edited.

MACRO

```
Void SelectFixturesInEditShapes(Boolean)
```

```
HTTP
http://[ip]:4430/titan/script/Editor/Shapes/SelectFixturesInEditShapes
```

Parameters

contextOnly: if set to

Editor.Shapes.SetCurrentParameter

Sets the current shape parameter being displayed to the user.

```
MACRO
Void SetCurrentParameter(System.String)
HTTP
http://[ip]:4430/titan/script/Editor/Shapes/SetCurrentParameter
```

Parameters

name: The name of the parameter size, speed or phase.

Editor.Shapes.SetCurrentShapesDirection

Sets the current shapes direction.

```
MACRO
Void SetCurrentShapesDirection(System.String)
HTTP
http://[ip]:4430/titan/script/Editor/Shapes/SetCurrentShapesDirection
```

Parameters

newDirection: The new direction.

Editor.Shapes.SetHighlightedShapesOff

Sets any shapes in the ProgrammerShapesList to off state that have their highlight property set to true. The user is presented with a list of shapes which they can select from, this will then set them to off.

```
MACRO
Void SetHighlightedShapesOff()
HTTP
http://[ip]:4430/titan/script/Editor/Shapes/SetHighlightedShapesOff
```

Editor.Shapes.SetSelectedPlaybackCueHandle

Sets the selected playback cue handle to view in shape view window

```
MACRO
Void
SetSelectedPlaybackCueHandle(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Editor/Shapes/SetSelectedPlaybackCueHandle
```

Parameters

handle:

Editor.Shapes.SetSelectedViewShape

Sets the selected view shape from shape view

```
MACRO
Void
SetSelectedViewShapes(Avolites.Titan.Controllers.Info.ShapeStateInfo)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SetSelectedViewShape
```

Parameters**shapeInformation:** The shape information**Editor.Shapes.SetSelectedViewShapes**

Sets the selected view shapes from playback view

MACRO

```
Void SetSelectedViewShapes(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SetSelectedViewShapes
```

Parameters**handle:** the playback cue handle containing shapes**Editor.Shapes.SetShapeDirection**

Sets the direction of a shape.

MACRO

```
Void SetShapeDirection(Int32, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SetShapeDirection
```

Parameters**shapeId:** The shape identifier.**direction:** The direction value.**Editor.Shapes.SetShapeOff**

MACRO

```
Void SetShapeOff(Int32, Boolean, System.Collections.Generic.IEnumerable`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SetShapeOff
```

Editor.Shapes.SetShapePhase

MACRO

```
Void SetShapePhase(Int32, Double, System.Collections.Generic.IEnumerable`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SetShapePhase
```

Editor.Shapes.SetShapePhaseMaster

Sets the shape phase master.

MACRO

```
Void SetShapePhaseMaster()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SetShapePhaseMaster
```

Editor.Shapes.SetShapePhaseOffset

MACRO

```
Void SetShapePhaseOffset(Int32, Double, System.Collections.Generic.IEnumerable`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SetShapePhaseOffset
```

Editor.Shapes.SetShapeProperty

Sets a shape property.

MACRO

```
Void SetShapeProperty(Int32, System.String, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SetShapeProperty
```

Parameters

- titanId**: The titan id of the shape
- propertyId**: The property identifier.
- value**: The value.

Editor.Shapes.SetShapePropertyOff

Sets a shape property in programmer to off state that have there highlight property set to true. The user is presented with a list of shapes which they can select from, this will then set their property to off.

MACRO

```
Void SetShapePropertyOff(Avolites.Acw.Titan.AcwShapeTaggedProperty)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SetShapePropertyOff
```

Parameters

- shapeProperty**: The shape property.

Editor.Shapes.SetShapePropertyOnOff

Sets the shape property on or off.

MACRO

```
Void SetShapePropertyOnOff(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SetShapePropertyOnOff
```

Parameters

- key**: The key.

Editor.Shapes.SetShapeReversed

MACRO

```
Void SetShapeReversed(Int32, Boolean, System.Collections.Generic.IEnumerable`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SetShapeReversed
```

Editor.Shapes.SetShapeSpeed

MACRO

```
Void SetShapeSpeed(Int32, Double, System.Collections.Generic.IEnumerable`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SetShapeSpeed
```

Editor.Shapes.SetShapeSpread

MACRO

```
Void SetShapeSpread(Int32, Int32, System.Collections.Generic.IEnumerable`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SetShapeSpread
```


Editor.Shapes.SetShapeTypeFilter

Accessible from the menu allows you to set the filter used to display shapes to the user.

MACRO

```
Void SetShapeTypeFilter(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SetShapeTypeFilter
```

Parameters

type: A string representing the types of shapes shown to the user. See the AcwRecordMask enum for information about the string options.

Editor.Shapes.SetShapeTypeFilterByBank

Accessible from the menu allows you to set the filter used to display shapes to the user.

MACRO

```
Void SetShapeTypeFilter(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/SetShapeTypeFilterByBank
```

Parameters

groupIndex: The attribute group (bank) to update the mask with.

Editor.Shapes.StepNextWheelParameter

Moves the current wheel parameter to the next item.

MACRO

```
Void StepNextWheelParameter(Int32, Double)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/StepNextWheelParameter
```

Parameters

wheelIndex: The index of the wheel that has moved.

timeDelta: The time delta.

Editor.Shapes.StepPreviousWheelParameter

Moves the current wheel parameter to the previous item.

MACRO

```
Void StepPreviousWheelParameter(Int32, Double)
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/StepPreviousWheelParameter
```

Parameters

wheelIndex: The index of the wheel that has moved.

timeDelta: The time delta.

Editor.Shapes.UpdateEditShapes

Selects any shapes in the ProgrammerShapesList that have there highlight property set to true for editing.

MACRO

```
Void UpdateEditShapes()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/UpdateEditShapes
```

Editor.Shapes.UpdateFixtureOrderSelection

Updates the to match the current context shape.

MACRO

```
Void UpdateFixtureOrderSelection()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/UpdateFixtureOrderS  
election
```

Editor.Shapes.UpdateInfo

Updates the shape info in the fixture info objects for the context shape. This is used by the HUD to show fixture shape parameters

MACRO

```
Void UpdateFixtureShapeInfo()
```

HTTP

```
http://[ip]:4430/titan/script/Editor/Shapes/UpdateInfo
```

3.18.2 Editor Properties**Editor.FixtureOrder.AutoIncrementStep**

Gets or sets a value indicating whether to auto increment the step number. If this is true we add one to the editing step number every time a fixture is assigned.

MACRO

```
ActionScript.SetProperty(Editor.FixtureOrder.AutoIncrementStep,  
[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/FixtureOrder/AutoIncrementSte  
p
```

HTTP

```
POST /titan/set/Editor/FixtureOrder/AutoIncrementStep
```

Editor.FixtureOrder.EditingStepNumber

MACRO

```
ActionScript.SetProperty(Editor.FixtureOrder.EditingStepNumber,  
[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/FixtureOrder/EditingStepNumbe  
r
```

HTTP

```
POST /titan/set/Editor/FixtureOrder/EditingStepNumber
```

Editor.KeyFrames.ActionAppendOverwriteInsertStep

MACRO

```
ActionScript.SetProperty(Editor.KeyFrames.ActionAppendOverwrite  
InsertStep,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/KeyFrames/ActionAppendOverwri  
teInsertStep
```

HTTP

```
POST  
/titan/set/Editor/KeyFrames/ActionAppendOverwriteInsertStep
```

Editor.KeyFrames.AddRemoveFixtures

Gets or sets a value indicating whether in add/remove fixture mode.

```
MACRO
ActionScript.SetProperty(Editor.KeyFrames.AddRemoveFixtures,[value])
HTTP
http://[ip]:4430/titan/get/Editor/KeyFrames/AddRemoveFixtures
HTTP
POST /titan/set/Editor/KeyFrames/AddRemoveFixtures
```

Editor.KeyFrames.AddRemoveFixtures.Error

Gets or sets a value indicating whether an error has occurred when adding or removing a fixture.

```
MACRO
ActionScript.SetProperty(Editor.KeyFrames.AddRemoveFixtures.Error,[value])
HTTP
http://[ip]:4430/titan/get/Editor/KeyFrames/AddRemoveFixtures/Error
HTTP
POST /titan/set/Editor/KeyFrames/AddRemoveFixtures/Error
```

Editor.KeyFrames.CurrentStep

Gets or sets the current key frame step that is being edited.

```
MACRO
ActionScript.SetProperty(Editor.KeyFrames.CurrentStep,[value])
HTTP
http://[ip]:4430/titan/get/Editor/KeyFrames/CurrentStep
HTTP
POST /titan/set/Editor/KeyFrames/CurrentStep
```

Editor.KeyFrames.EditShapeHandle

```
MACRO
ActionScript.SetProperty(Editor.KeyFrames.EditShapeHandle,[value])
HTTP
http://[ip]:4430/titan/get/Editor/KeyFrames/EditShapeHandle
HTTP
POST /titan/set/Editor/KeyFrames/EditShapeHandle
```

Editor.KeyFrames.EditShapeHandleName

Gets or sets the selected playback cue name in pixel effect view window

```
MACRO
ActionScript.SetProperty(Editor.KeyFrames.EditShapeHandleName,[value])
HTTP
http://[ip]:4430/titan/get/Editor/KeyFrames/EditShapeHandleName
HTTP
POST /titan/set/Editor/KeyFrames/EditShapeHandleName
```

Editor.KeyFrames.FixtureSelection

Gets or sets the fixture order selection for the context shape.

```
MACRO
ActionScript.SetProperty(Editor.KeyFrames.FixtureSelection,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Editor/KeyFrames/FixtureSelection
HTTP
POST /titan/set/Editor/KeyFrames/FixtureSelection
```

Editor.KeyFrames.Programmer.Empty

Gets or sets a value indicating whether [empty programmer].

```
MACRO
ActionScript.SetProperty(Editor.KeyFrames.Programmer.Empty,[value])
HTTP
http://[ip]:4430/titan/get/Editor/KeyFrames/Programmer/Empty
HTTP
POST /titan/set/Editor/KeyFrames/Programmer/Empty
```

Editor.PixelMapper.ContextSensitiveInfo

```
MACRO
ActionScript.SetProperty(Editor.PixelMapper.ContextSensitiveInfo,[value])
HTTP
http://[ip]:4430/titan/get/Editor/PixelMapper/ContextSensitiveInfo
HTTP
POST /titan/set/Editor/PixelMapper/ContextSensitiveInfo
```

Editor.PixelMapper.EditingEffectHandle

```
MACRO
ActionScript.SetProperty(Editor.PixelMapper.EditingEffectHandle,[value])
HTTP
http://[ip]:4430/titan/get/Editor/PixelMapper/EditingEffectHandle
HTTP
POST /titan/set/Editor/PixelMapper/EditingEffectHandle
```

Editor.PixelMapper.PendingIcon

Gets or sets a GUID string representing the current pending icon.

```
MACRO
ActionScript.SetProperty(Editor.PixelMapper.PendingIcon,[value])
HTTP
http://[ip]:4430/titan/get/Editor/PixelMapper/PendingIcon
HTTP
POST /titan/set/Editor/PixelMapper/PendingIcon
```

Editor.PixelMapper.PendingTitanId

Gets or sets the Titan ID of a pending scribble/graphics object.

```
MACRO
ActionScript.SetProperty(Editor.PixelMapper.PendingTitanId,[value])
HTTP
http://[ip]:4430/titan/get/Editor/PixelMapper/PendingTitanId
HTTP
POST /titan/set/Editor/PixelMapper/PendingTitanId
```

Editor.PixelMapper.SelectedHandles

MACRO

```
ActionScript.SetProperty(Editor.PixelMapper.SelectedHandles,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/PixelMapper/SelectedHandles
```

HTTP

```
POST /titan/set/Editor/PixelMapper/SelectedHandles
```

Editor.PixelMapper.SelectedPlaybackCueHandle

Gets or sets the selected playback cue handle in pixel effect view window

MACRO

```
ActionScript.SetProperty(Editor.PixelMapper.SelectedPlaybackCueHandle,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/PixelMapper/SelectedPlaybackCueHandle
```

HTTP

```
POST /titan/set/Editor/PixelMapper/SelectedPlaybackCueHandle
```

Editor.PixelMapper.SelectedPlaybackCueName

Gets or sets the selected playback cue name in pixel effect view window

MACRO

```
ActionScript.SetProperty(Editor.PixelMapper.SelectedPlaybackCueName,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/PixelMapper/SelectedPlaybackCueName
```

HTTP

```
POST /titan/set/Editor/PixelMapper/SelectedPlaybackCueName
```

Editor.PixelMapper.SelectedViewEffectId

Gets and sets the selected effect id in the pixel map view window

MACRO

```
ActionScript.SetProperty(Editor.PixelMapper.SelectedViewEffectId,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/PixelMapper/SelectedViewEffectId
```

HTTP

```
POST /titan/set/Editor/PixelMapper/SelectedViewEffectId
```

Editor.PixelMapper.SelectedViewEffectName

Gets and sets the selected effect name in the pixel map view window

MACRO

```
ActionScript.SetProperty(Editor.PixelMapper.SelectedViewEffectName,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/PixelMapper/SelectedViewEffectName
```

HTTP

```
POST /titan/set/Editor/PixelMapper/SelectedViewEffectName
```

Editor.PixelMapper.ViewPixelEffectHandles

Gets or sets the view pixel effect handles to represent in pixel effect view window

MACRO

```
ActionScript.SetProperty(Editor.PixelMapper.ViewPixelEffectHandles,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/PixelMapper/ViewPixelEffectHandles
```

HTTP

```
POST /titan/set/Editor/PixelMapper/ViewPixelEffectHandles
```

Editor.Shapes.AddRemoveFixtures

Gets or sets a value indicating whether in add/remove fixture mode.

MACRO

```
ActionScript.SetProperty(Editor.Shapes.AddRemoveFixtures,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/Shapes/AddRemoveFixtures
```

HTTP

```
POST /titan/set/Editor/Shapes/AddRemoveFixtures
```

Editor.Shapes.AvailableShapes

Gets or sets the list of shapes available to use.

MACRO

```
ActionScript.SetProperty(Editor.Shapes.AvailableShapes,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/Shapes/AvailableShapes
```

HTTP

```
POST /titan/set/Editor/Shapes/AvailableShapes
```

Editor.Shapes.AvailableShapes.Empty

Gets or sets whether the list is empty.

MACRO

```
ActionScript.SetProperty(Editor.Shapes.AvailableShapes.Empty,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/Shapes/AvailableShapes/Empty
```

HTTP

```
POST /titan/set/Editor/Shapes/AvailableShapes/Empty
```

Editor.Shapes.BpmSpeed

Gets or sets the speed in Beats Per Minute for all chases being edited. Updates the value in the Titan engine.

MACRO

```
ActionScript.SetProperty(Editor.Shapes.BpmSpeed,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/Shapes/BpmSpeed
```

HTTP

```
POST /titan/set/Editor/Shapes/BpmSpeed
```

Editor.Shapes.CurrentShapeDirection

Gets or sets the current shape direction.

```
MACRO
ActionScript.SetProperty(Editor.Shapes.CurrentShapeDirection,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/CurrentShapeDirection
HTTP
POST /titan/set/Editor/Shapes/CurrentShapeDirection
```

Editor.Shapes.EditingPlaybackShapes

Gets or set whether we are editing playback shapes or not.

```
MACRO
ActionScript.SetProperty(Editor.Shapes.EditingPlaybackShapes,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/EditingPlaybackShapes
HTTP
POST /titan/set/Editor/Shapes/EditingPlaybackShapes
```

Editor.Shapes.EditShapesEmpty

Value indicating whether or not the EditShapes list is empty.

```
MACRO
ActionScript.SetProperty(Editor.Shapes.EditShapesEmpty,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/EditShapesEmpty
HTTP
POST /titan/set/Editor/Shapes/EditShapesEmpty
```

Editor.Shapes.FixtureOrderSelection

Gets or sets the fixture order selection for the context shape.

```
MACRO
ActionScript.SetProperty(Editor.Shapes.FixtureOrderSelection,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/FixtureOrderSelection
HTTP
POST /titan/set/Editor/Shapes/FixtureOrderSelection
```

Editor.Shapes.IsEmpty

Gets or sets whether a shape is being edited. This is accessible from the menu system.

```
MACRO
ActionScript.SetProperty(Editor.Shapes.IsEmpty,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/IsEmpty
HTTP
POST /titan/set/Editor/Shapes/IsEmpty
```

Editor.Shapes.OffProperties

Gets or sets the off properties setting for the current shape being edited. This is only used for representing the off properties

```
MACRO
ActionScript.SetProperty(Editor.Shapes.OffProperties,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/OffProperties
```

```
HTTP
POST /titan/set/Editor/Shapes/OffProperties
```

Editor.Shapes.Phase

Gets or sets the phase for all shapes being edited. Updates the value in the Titan engine.

```
MACRO
ActionScript.SetProperty(Editor.Shapes.Phase,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/Phase
HTTP
POST /titan/set/Editor/Shapes/Phase
```

Editor.Shapes.PhaseOffset

Gets or sets the phase offset for all shapes being edited. Updates the value in the Titan engine.

```
MACRO
ActionScript.SetProperty(Editor.Shapes.PhaseOffset,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/PhaseOffset
HTTP
POST /titan/set/Editor/Shapes/PhaseOffset
```

Editor.Shapes.ProgrammerShapes.Empty

Gets or sets whether the list is empty.

```
MACRO
ActionScript.SetProperty(Editor.Shapes.ProgrammerShapes.Empty,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/ProgrammerShapes/Empty
HTTP
POST /titan/set/Editor/Shapes/ProgrammerShapes/Empty
```

Editor.Shapes.PropertiesInProgrammer

Gets or sets the properties in programmer setting for the current shape being edited. This is only used for representing the properties in programmer

```
MACRO
ActionScript.SetProperty(Editor.Shapes.PropertiesInProgrammer,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/PropertiesInProgrammer
HTTP
POST /titan/set/Editor/Shapes/PropertiesInProgrammer
```

Editor.Shapes.Reversed

Gets or sets the reverse setting for all shapes being edited. Updates the value in the Titan engine.

```
MACRO
ActionScript.SetProperty(Editor.Shapes.Reversed,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/Reversed
HTTP
POST /titan/set/Editor/Shapes/Reversed
```


Editor.Shapes.SelectedPlaybackCueHandle

Gets or sets the selected playback cue handle in shape view window

MACRO

```
ActionScript.SetProperty(Editor.Shapes.SelectedPlaybackCueHandle,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/Shapes/SelectedPlaybackCueHandle
```

HTTP

```
POST /titan/set/Editor/Shapes/SelectedPlaybackCueHandle
```

Editor.Shapes.SelectedPlaybackCueName

Gets or sets the selected playback cue name in shape view window

MACRO

```
ActionScript.SetProperty(Editor.Shapes.SelectedPlaybackCueName,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/Shapes/SelectedPlaybackCueName
```

HTTP

```
POST /titan/set/Editor/Shapes/SelectedPlaybackCueName
```

Editor.Shapes.SelectedShapeParameter

MACRO

```
ActionScript.SetProperty(Editor.Shapes.SelectedShapeParameter,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/Shapes/SelectedShapeParameter
```

HTTP

```
POST /titan/set/Editor/Shapes/SelectedShapeParameter
```

Editor.Shapes.SelectedViewShape

Gets or sets the shape info object for a shape viewed in the fixtures sub-view

MACRO

```
ActionScript.SetProperty(Editor.Shapes.SelectedViewShape,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/Shapes/SelectedViewShape
```

HTTP

```
POST /titan/set/Editor/Shapes/SelectedViewShape
```

Editor.Shapes.SelectedViewShapeId

Gets or sets the selected shape Id

MACRO

```
ActionScript.SetProperty(Editor.Shapes.SelectedViewShapeId,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Editor/Shapes/SelectedViewShapeId
```

HTTP

```
POST /titan/set/Editor/Shapes/SelectedViewShapeId
```

Editor.Shapes.SelectedViewShapeName

Gets or sets the view shape name for view shape fixtures window.

```

MACRO
ActionScript.SetProperty(Editor.Shapes.SelectedViewShapeName,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/SelectedViewShapeName
HTTP
POST /titan/set/Editor/Shapes/SelectedViewShapeName

```

Editor.Shapes.SelectedViewShapes

Gets or sets the list of shape info objects for a selected playback view.

```

MACRO
ActionScript.SetProperty(Editor.Shapes.SelectedViewShapes,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/SelectedViewShapes
HTTP
POST /titan/set/Editor/Shapes/SelectedViewShapes

```

Editor.Shapes.ShapeFixtureOff

Gets or Sets whether the shape fixture is off

```

MACRO
ActionScript.SetProperty(Editor.Shapes.ShapeFixtureOff,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/ShapeFixtureOff
HTTP
POST /titan/set/Editor/Shapes/ShapeFixtureOff

```

Editor.Shapes.ShapeTypeFilter

Gets and Sets the attribute filter used to determine what category of shapes is displayed to the user when they enter the select shape menu.

```

MACRO
ActionScript.SetProperty(Editor.Shapes.ShapeTypeFilter,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/ShapeTypeFilter
HTTP
POST /titan/set/Editor/Shapes/ShapeTypeFilter

```

Editor.Shapes.Size

Gets or Sets the size for all shapes being edited. Updates the value in the Titan engine.

```

MACRO
ActionScript.SetProperty(Editor.Shapes.Size,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/Size
HTTP
POST /titan/set/Editor/Shapes/Size

```

Editor.Shapes.Speed

Gets or Sets the speed for all shapes being edited. Updates the value in the Titan engine.

```

MACRO
ActionScript.SetProperty(Editor.Shapes.Speed,[value])

```

```

HTTP
http://[ip]:4430/titan/get/Editor/Shapes/Speed
HTTP
POST /titan/set/Editor/Shapes/Speed

```

Editor.Shapes.Spread

Gets or sets the spread for all shapes being edited. Updates the value in the Titan engine.

```

MACRO
ActionScript.SetProperty(Editor.Shapes.Spread,[value])
HTTP
http://[ip]:4430/titan/get/Editor/Shapes/Spread
HTTP
POST /titan/set/Editor/Shapes/Spread

```

3.19 FixtureIntensityViewControl

3.19.1 FixtureIntensityViewControl Methods

FixtureIntensityViewControl.AppendCueToSearch

```

MACRO
Void
AppendCueToSearch(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/FixtureIntensityViewControl/AppendCueToSearch

```

FixtureIntensityViewControl.AppendGroupToSearch

```

MACRO
Void
AppendGroupToSearch(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/FixtureIntensityViewControl/AppendGroupToSearch

```

FixtureIntensityViewControl.AppendPlaybackToSearch

```

MACRO
Void
AppendPlaybackToSearch(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/FixtureIntensityViewControl/AppendPlaybackToSearch

```

3.20 Fixtures

3.20.1 Fixtures Methods

Fixtures.ClearFlashFixture

Set a fixture to flash level 0

```

MACRO
Void
ClearFlashFixture(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Fixtures/ClearFlashFixture

```

Parameters**handle:** The handle.**Fixtures.ClearSwopFixture**

Set a fixture to not swopped

MACRO

```
Void
ClearSwopFixture(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/ClearSwopFixture
```

Parameters**handle:** The handle of a fixture to clear the swop on.**Fixtures.Exchange.ApplyMappings**

Called when the user saves the mapping changes

MACRO

```
Void ApplyMappings()
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/Exchange/ApplyMappings
```

Fixtures.Exchange.CancelMappings

Called when the user cancels all edits made

MACRO

```
Void CancelMappings()
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/Exchange/CancelMappings
```

Fixtures.Exchange.ClearSelection

Called when the user clears the selected controls

MACRO

```
Void ClearSelection()
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/Exchange/ClearSelection
```

Fixtures.Exchange.RangeFunctionSelected

Called when the user selects a function to edit

MACRO

```
Void
RangeFunctionSelected(Avolites.Acw.Titan.AcwFunctionMappingBase
)
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/Exchange/RangeFunctionSe
lected
```

Parameters**function:** the function**Fixtures.Exchange.ResetMappings**

Resets any changes made to the mapping

MACRO

```
Void ResetMappings()
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/Exchange/ResetMappings
```

Fixtures.Exchange.SetExchangeEditing

Called when the user enters or exits the mapping edit menu

MACRO

Void SetExchangeEditing(Boolean)

HTTP

http://[ip]:4430/titan/script/Fixtures/Exchange/SetExchangeEditing

Parameters

editing: True if we are in edit mode

Fixtures.Exchange.SetFunctionRange

Sets the range of a given function

MACRO

Void SetFunctionRange()

HTTP

http://[ip]:4430/titan/script/Fixtures/Exchange/SetFunctionRange

Fixtures.Exchange.SetMaxRangeSelection

Called when the user selects the max range softkey

MACRO

Void SetMaxRangeSelection()

HTTP

http://[ip]:4430/titan/script/Fixtures/Exchange/SetMaxRangeSelection

Fixtures.Exchange.SetMinRangeSelection

Called when the user selects the min range softkey

MACRO

Void SetMinRangeSelection()

HTTP

http://[ip]:4430/titan/script/Fixtures/Exchange/SetMinRangeSelection

Fixtures.Exchange.SetRangeEditing

Called when the user enters or exits range editing

MACRO

Void SetRangeEditing(Boolean)

HTTP

http://[ip]:4430/titan/script/Fixtures/Exchange/SetRangeEditing

Parameters

editing: True if we are editing ranges

Fixtures.Exchange.UpdateExchangeMappingWheelValue

Called by the menu to increment the function value on a wheel by a set amount.

MACRO

Void UpdateExchangeMappingWheelValue(Int32, Single, Double)

HTTP

http://[ip]:4430/titan/script/Fixtures/Exchange/UpdateExchangeMappingWheelValue

Parameters

wheelIndex: The index of the wheel containing a function to increment.

value: The amount you want to increment the function range value by.

timeDelta: The time delta between calls - this is used to calculate acceleration.

Fixtures.Exchange.UpdateExchangeSortMode

Called when the user changes the control sort mode

MACRO

```
Void UpdateExchangeSortMode(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/Exchange/UpdateExchangeSortMode
```

Parameters

attributeSort: true if we are to sort by attribute

Fixtures.ExchangeFixtures

MACRO

```
Void
```

```
ExchangeFixtures(System.Collections.Generic.List`1[Avolites.Titan.Controllers.HandleReference], System.String, System.String, System.String, Boolean, Boolean, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/ExchangeFixtures
```

Fixtures.FlashFixture

Set a fixture to the Flash level if flash is enabled

MACRO

```
Void FlashFixture(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/FlashFixture
```

Parameters

handle: The handle.

Fixtures.LatchLevel

If the intensity of a fixture is zero then it is turned on full, otherwise the fixture is turned off.

MACRO

```
Void LatchLevel(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/LatchLevel
```

Parameters

handle: The handle of the fixture to latch the intensity on.

Fixtures.LinkActiveFixtureDevice

Links an active fixture with an already patched fixture.

MACRO

```
Void LinkActiveFixtureDevice(System.String, Int32, System.String, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/LinkActiveFixtureDevice
```

Parameters

group: The handle group containing the target fixture.

handleIndex: The handle index containing the target fixture.

activeFixtureDeviceId: The id of the active fixture to link to.

useFixtureAddress: Whether to repatch the fixture.

Fixtures.LinkOrPatchActiveFixtureDevice

Links an active fixture with an already patched fixture unless no fixture exists then a new one will be patched.

MACRO

```
Void LinkOrPatchActiveFixtureDevice(System.String, Int32, System.String, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/LinkOrPatchActiveFixtureDevice
```

Parameters

- group**: The handle group containing the target fixture.
- handleIndex**: The handle index containing the target fixture.
- activeFixtureDeviceId**: The id of the active fixture to link to.
- useFixtureAddress**: Whether to repatch the fixture.

Fixtures.Macros.FireMacro

Action to fire a macro because of a softkey press

MACRO

```
Void FireMacro(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/Macros/FireMacro
```

Parameters

- id**: Id of the menu item which is the macro id

Fixtures.Macros.ListOfMacros

Generate a list of Macros for the Macros menu Lists all the macros available on any selected fixture And indicates

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem] ListOfMacros()
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/Macros/ListOfMacros
```

Returns

List of menu items

Fixtures.Patch.ClearAddressRangeAndResumePatch

Continues a patch operation that was halted because the target address range contained fixtures. This will clear the target range of fixtures and retry the patch operation.

MACRO

```
Void ClearAndResumePatchFixtures(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/Patch/ClearAddressRangeAndResumePatch
```

Fixtures.PatchActiveFixtureDevice

Patches an active fixture device. When you patch the whole device all the fixtures in the device are patched.

MACRO

```
Void PatchActiveFixtureDevice(System.String, Int32, System.String, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/PatchActiveFixtureDevice
```

Parameters

- group:** The handle group to patch into.
- handleIndex:** The start handle index to patch the fixtures to. Subsequent fixtures are patched on the adjacent handles.
- activeFixtureDeviceId:** The id of the active fixture device to patch.
- useFixtureAddress:** Whether to assign a new dmx address to the fixture or use the existing DMX address.

Fixtures.PatchFixtures

```
MACRO
Void PatchFixtures(System.String,
System.Collections.Generic.IEnumerable`1[Avolites.Titan.Control
lers.Handles.Handle], System.String, System.String,
System.String, Int32, Int32, System.String)
HTTP
http://[ip]:4430/titan/script/Fixtures/PatchFixtures
```

Fixtures.PatchFixturesToVacantHandles

Patches fixtures to the first available free handles in the specified group.

```
MACRO
Void PatchFixturesToVacantHandles(System.String, System.String,
System.String, System.String, Int32, Int32, System.String)
HTTP
http://[ip]:4430/titan/script/Fixtures/PatchFixturesToVacantHan
dles
```

Parameters

- group:** The bank type to patch to - Fixtures = touch screen, Presets = console handles. Other handles shouldn't be possible.
- fixtureManufacturer:** The fixture manufacturer.
- fixtureName:** Name of the fixture.
- fixtureMode:** The fixture mode.
- currentFixtureQuantity:** The current fixture quantity value.
- currentDmxSpacing:** The current DMX spacing to add between fixtures (default should be number of channels on fixture).
- patchedHandles:** A menu system property to store the created fixture handles in.

Fixtures.PresetLevel

Changes the intensity level of a fixture. This is the brightness or combined brightness of the fixture. This call does not put the fixture in the programmer. For that use FixtureEditor.PresetLevel

```
MACRO
Void PresetLevel(System.String, Int32, Single, Single)
HTTP
http://[ip]:4430/titan/script/Fixtures/PresetLevel
```

Parameters

- group:** The handle group to set the preset level on.
- index:** The handle for the fixture you want to change the intensity for.
- value:** The level you wish to set the intensity to. 0 is no intensity and 1 is full intensity.
- oldValue:** The old value of the fader if matching is required.

Fixtures.PresetLevelHandle

Changes the intensity level of a fixture. This is the brightness or combined brightness of the fixture. This call does not put the fixture in the programmer. For that use FixtureEditor.PresetLevel

MACRO

```
Void PresetLevel(Avolites.Titan.Controllers.Handles.Handle,
Single, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/PresetLevelHandle
```

Parameters

handle: The handle.

value: The level you wish to set the intensity to. 0 is no intensity and 1 is full intensity.

oldValue: The old value of the fader if matching is required.

Fixtures.RemoveLimit

Remove the limit of a fixture control

MACRO

```
Void RemoveLimit(Int32, Int32, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/RemoveLimit
```

Parameters

fixtureId: The fixture id.

controlId: The control id.

upperLimit: Set to

Fixtures.SetLimit

Sets the limit for the last selected control

MACRO

```
Void SetLimit(Single)
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/SetLimit
```

Parameters

limit: The limit value to set

Fixtures.SetLimitToCurrent

Sets the limit for the last selected control to the current level

MACRO

```
Void SetLimitToCurrent(Int32, Int32, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Fixtures/SetLimitToCurrent
```

Parameters

fixtureId: The fixture id.

controlId: The control id.

upperLimit: Set to

Fixtures.SetPresetLevel

Changes the intensity level of a fixture. This is the brightness or combined brightness of the fixture. This call does not put the fixture in the programmer. This call will set the level irrespective of fader level matching.

MACRO

```
Void SetPresetLevel(Avolites.Titan.Controllers.Handles.Handle,
Single)
```

HTTP

`http://[ip]:4430/titan/script/Fixtures/SetPresetLevel`**Parameters****handle:** The handle.**level:** The level.**Fixtures.SwopFixture**

Set a fixture to swopped if swop is enabled

MACRO

`Void SwopFixture(Avolites.Titan.Controllers.Handles.Handle)`

HTTP

`http://[ip]:4430/titan/script/Fixtures/SwopFixture`**Parameters****handle:** The handle of a fixture to swop.**3.20.2 Fixtures Properties****Fixtures.ActivePatchOperation**

Gets or sets the active patch operation.

MACRO

`ActionScript.SetProperty(Fixtures.ActivePatchOperation,[value])`

HTTP

`http://[ip]:4430/titan/get/Fixtures/ActivePatchOperation`

HTTP

`POST /titan/set/Fixtures/ActivePatchOperation`**Fixtures.ConflictingHandles**

Gets or sets a list of fixtures that are in the way during patch.

MACRO

`ActionScript.SetProperty(Fixtures.ConflictingHandles,[value])`

HTTP

`http://[ip]:4430/titan/get/Fixtures/ConflictingHandles`

HTTP

`POST /titan/set/Fixtures/ConflictingHandles`**Fixtures.Exchange.ApplyMappingStatus**

Gets and Sets the status of an applied mapping

MACRO

`ActionScript.SetProperty(Fixtures.Exchange.ApplyMappingStatus,[value])`

HTTP

`http://[ip]:4430/titan/get/Fixtures/Exchange/ApplyMappingStatus`

HTTP

`POST /titan/set/Fixtures/Exchange/ApplyMappingStatus`**Fixtures.Exchange.ContextMaxRange**

Stores the max range of the selected function

MACRO

`ActionScript.SetProperty(Fixtures.Exchange.ContextMaxRange,[value])`

HTTP

`http://[ip]:4430/titan/get/Fixtures/Exchange/ContextMaxRange`

HTTP

`POST /titan/set/Fixtures/Exchange/ContextMaxRange`

Fixtures.Exchange.ContextMinRange

Stores the min range for the currently selected function

MACRO

```
ActionScript.SetProperty(Fixtures.Exchange.ContextMinRange,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Fixtures/Exchange/ContextMinRange
```

HTTP

```
POST /titan/set/Fixtures/Exchange/ContextMinRange
```

Fixtures.Exchange.ErrorDestinationControl

MACRO

```
ActionScript.SetProperty(Fixtures.Exchange.ErrorDestinationControl,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Fixtures/Exchange/ErrorDestinationControl
```

HTTP

```
POST /titan/set/Fixtures/Exchange/ErrorDestinationControl
```

Fixtures.Exchange.ErrorSourceControl

MACRO

```
ActionScript.SetProperty(Fixtures.Exchange.ErrorSourceControl,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Fixtures/Exchange/ErrorSourceControl
```

HTTP

```
POST /titan/set/Fixtures/Exchange/ErrorSourceControl
```

Fixtures.Exchange.SelectedFunctionName

MACRO

```
ActionScript.SetProperty(Fixtures.Exchange.SelectedFunctionName,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Fixtures/Exchange/SelectedFunctionName
```

HTTP

```
POST /titan/set/Fixtures/Exchange/SelectedFunctionName
```

Fixtures.Exchange.ValidSelection

Gets and Sets whether the currently selected function is valid

MACRO

```
ActionScript.SetProperty(Fixtures.Exchange.ValidSelection,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Fixtures/Exchange/ValidSelection
```

HTTP

```
POST /titan/set/Fixtures/Exchange/ValidSelection
```

Fixtures.PatchOrExchangeInProgress

Gets or sets whether a patch operation is in progress.

MACRO

```
ActionScript.SetProperty(Fixtures.PatchOrExchangeInProgress,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Fixtures/PatchOrExchangeInProgress
HTTP
POST /titan/set/Fixtures/PatchOrExchangeInProgress
```

Fixtures.ShowDmxAddress

Whether to show fixture dmx address or not

```
MACRO
ActionScript.SetProperty(Fixtures.ShowDmxAddress,[value])
HTTP
http://[ip]:4430/titan/get/Fixtures/ShowDmxAddress
HTTP
POST /titan/set/Fixtures/ShowDmxAddress
```

Fixtures.ShowHalo

Gets or sets the show halo.

```
MACRO
ActionScript.SetProperty(Fixtures.ShowHalo,[value])
HTTP
http://[ip]:4430/titan/get/Fixtures/ShowHalo
HTTP
POST /titan/set/Fixtures/ShowHalo
```

3.21 Group

3.21.1 Group Methods

Group.AddGroupInRandomOrder

Adds the current group's fixtures to the selection in a random order.

```
MACRO
Void AddGroupInRandomOrder()
HTTP
http://[ip]:4430/titan/script/Group/AddGroupInRandomOrder
```

Group.AssignTypeGroupForFixture

Assign the type group for the specified fixture. If the type group is already assigned it will not be assigned again.

```
MACRO
Void AssignTypeGroupForFixture(System.String,
Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Group/AssignTypeGroupForFixture
```

Parameters

- targetHandleGroup**: The handle group to store the type group in.
- fixtureHandle**: The fixture handle.

Group.AssignTypeGroupForFixtures

```
MACRO
Void AssignTypeGroupForFixtures(System.String,
System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.HandleReference], Boolean)
HTTP
http://[ip]:4430/titan/script/Group/AssignTypeGroupForFixtures
```

Group.CheckIfGroupExists

Checks if a group exists.

MACRO

```
Void CheckIfGroupExists(Single, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Group/CheckIfGroupExists
```

Parameters

value: The group user number.

propertyId: The property id to put the result in.

Group.ClearPendingGroupName

Clears the current group name.

MACRO

```
Void ClearPendingGroupName()
```

HTTP

```
http://[ip]:4430/titan/script/Group/ClearPendingGroupName
```

Group.CreateAutoGroup

Creates a group out of the specified fixture handles.

MACRO

```
Void CreateAutoGroup(System.String,  
Avolites.Titan.Controllers.Handles.HandleReferenceList,  
System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Group/CreateAutoGroup
```

Parameters

targetGroup: The handle group to put the newly created group in.

handles: A list of fixture handles to create the group from.

name: The name to give the group.

Group.DeleteGroup

Delete the current group and any associated handles

MACRO

```
Void DeleteGroup(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Group/DeleteGroup
```

Parameters

titanId: The titan id of the group.

Group.DeleteMenu.EnterMenu

Enter the delete menu

MACRO

```
Void DeleteMenuOnLoad(Avolites.Menus.IMenu)
```

HTTP

```
http://[ip]:4430/titan/script/Group/DeleteMenu/EnterMenu
```

Parameters

menu:

Group.EditMenu.Action.GroupName

The group name button has been pressed. Toggle pages

MACRO

```
Void EditMenuGroupNameSelected(Avolites.Menus.IMenu,  
Avolites.Menus.MenuItem)
```

HTTP

`http://[ip]:4430/titan/script/Group/EditMenu/Action/GroupName`

Parameters

menu:
menuItem:

Group.EditMenu.EnterPressed

Enter has been pressed in the Edit menu. Work out what to do

MACRO

`Void EditMenuEnterPressed(Avolites.Menus.IMenu)`

HTTP

`http://[ip]:4430/titan/script/Group/EditMenu/EnterPressed`

Parameters

menu:

Group.EditMenu.GroupNumberChange

Current group number has changed. Set pages dependent on whether it exists or not.

MACRO

`Void EditMenuGroupNumberChange(Avolites.Menus.IMenu)`

HTTP

`http://[ip]:4430/titan/script/Group/EditMenu/GroupNumberChange`

Parameters

menu: Edit menu

Group.EditMenu.SelectFixtures

MACRO

`Void EditMenuSelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])`

HTTP

`http://[ip]:4430/titan/script/Group/EditMenu/SelectFixtures`

Group.EditMenu.SelectGroup

In edit mode make the current group visible and editable Needs some attention

MACRO

`Void PreviewGroup(Int32)`

HTTP

`http://[ip]:4430/titan/script/Group/EditMenu/SelectGroup`

Parameters

groupId: The group id.

Group.Editor.AutoLayoutFixtures

Layout fixtures in group within the specified area.

MACRO

`Void
AutoLayoutFixtures(Avolites.Titan.Controllers.Handles.Handle,
Int32, Int32, Boolean, Boolean, Boolean,
Avolites.Titan.Controllers.GroupLayoutMode)`

HTTP

`http://[ip]:4430/titan/script/Group/Editor/AutoLayoutFixtures`

Parameters

handle: The handle of the group.
width: The width.
height: The height.

columns: if set to
cropGrid: if set to
selected: if set to
mode: The mode.

Group.Editor.CalculateLayoutDimension

Calculates the minimum layout dimension required given the other dimension.

MACRO

```
Void
CalculateLayoutDimension(Avolites.Titan.Controllers.Handles.Handle, Int32, System.String, Boolean, Boolean, Avolites.Titan.Controllers.GroupLayoutMode)
```

HTTP

```
http://[ip]:4430/titan/script/Group/Editor/CalculateLayoutDimension
```

Parameters

handle: The handle of the group.
inputDimension: The input dimension.
outputDimensionProperty: The property for the output dimension.
widthToHeight: if set to
selected: if set to
mode: The mode.

Group.Editor.IncrementWheelParameter

Increments the current wheel parameter by the given amount.

MACRO

```
Void IncrementWheelParameter(Int32, Single, Double, Boolean, Boolean, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Group/Editor/IncrementWheelParameter
```

Parameters

wheelIndex: The index of the wheel containing the parameter.
value: The amount to increment by.
timeDelta: The time delta.
fan: if set to
fineMode: if set to
rotateGroup: if set to

Group.Editor.IncrementWheelParameterFast

Increments the current wheel parameter in large steps.

MACRO

```
Void IncrementWheelParameterFast(Int32, Single, Double, Boolean, Boolean, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Group/Editor/IncrementWheelParameterFast
```

Parameters

wheelIndex: The index of the wheel containing the parameter.
value: The amount to increment by.
timeDelta: The time delta.
fan: if set to

fineMode: if set to
rotateGroup: if set to

Group.Editor.SelectGroup

Selects a group for editing.

MACRO

```
Void
SelectGroup(Avolites.Titan.Controllers.Handles.Custom.GroupHandle)
```

HTTP

```
http://[ip]:4430/titan/script/Group/Editor/SelectGroup
```

Parameters

group: The group to edit.

Group.Editor.SnapToGrid

Snaps fixtures to the grid

MACRO

```
Void SnapToGrid()
```

HTTP

```
http://[ip]:4430/titan/script/Group/Editor/SnapToGrid
```

Group.Editor.StepNextWheelParameter

Moves to the next item on a wheel.

MACRO

```
Void StepNextWheelParameter(Int32, Double, Boolean, Boolean, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Group/Editor/StepNextWheelParameter
```

Parameters

wheelIndex: The index of the wheel to step.
timeDelta: The time delta.
fan: if set to
fineMode: if set to
rotateGroup: if set to

Group.Editor.StepPreviousWheelParameter

Moves to the previous item on a wheel.

MACRO

```
Void StepPreviousWheelParameter(Int32, Double, Boolean, Boolean, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Group/Editor/StepPreviousWheelParameter
```

Parameters

wheelIndex: The index of the wheel to step.
timeDelta: The time delta.
fan: if set to
fineMode: if set to
rotateGroup: if set to

Group.Editor.UpdateFixtureOrderSelection

Updates the to match the current context shape.

MACRO

```
Void UpdateFixtureOrderSelection()
```


HTTP

```
http://[ip]:4430/titan/script/Group/Editor/UpdateFixtureOrderSelection
```

Group.Editor.UpdateGroupMaster

Sets the GroupMasterType on the GroupHandle and the Titan Group based on the given value

MACRO

```
Void UpdateGroupMaster(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Group/Editor/UpdateGroupMaster
```

Parameters

masterType: The GroupMasterType to set in the group

Group.FillFixtureHandleListFromGroup

Fills a handle reference list with all the fixtures in a group.

MACRO

```
Void
FillFixtureHandleListFromGroup(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Titan.Controllers.Handles.HandleReferenceList)
```

HTTP

```
http://[ip]:4430/titan/script/Group/FillFixtureHandleListFromGroup
```

Parameters

group: The group to get the fixtures from.

fixtureHandles: The handle list to fill with the group fixtures.

Group.FindFreeUserNumber

Sets the current user number to a vacant one. This will be the first vacant one equal to or larger than the current value of CurrentGroupUserNumber

MACRO

```
Void FindFreeUserNumber()
```

HTTP

```
http://[ip]:4430/titan/script/Group/FindFreeUserNumber
```

Group.GetAllGroupHandles

Get a collection of all the Group Handles on the desk.

MACRO

```
System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.GroupHandle] GetAllGroupHandles()
```

HTTP

```
http://[ip]:4430/titan/script/Group/GetAllGroupHandles
```

Returns

A collection of PlaybackHandles

Group.GetGroupSize

Get the group size.

MACRO

```
Void GetGroupSize(Avolites.Titan.Controllers.Handles.Handle,
System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Group/GetGroupSize
```

Parameters**handle**: The handle of the group.**widthProperty**: The property to store the width to.**heightProperty**: The property to store the height to.**Group.HasUserSelectedGroups**

Determines whether the user has selected any groups.

MACRO

Boolean HasUserSelectedGroups()

HTTP

http://[ip]:4430/titan/script/Group/HasUserSelectedGroups

Group.KillGroupMaster

Stops the current group master having an effect on the playback

MACRO

Void KillGroupMaster(System.String, Int32)

HTTP

http://[ip]:4430/titan/script/Group/KillGroupMaster

Parameters**group**: The fader group**index**: The group index**Group.MergeGroup**

Add the current fixture selection to the specified group

MACRO

Void MergeIntoGroup(Int32)

HTTP

http://[ip]:4430/titan/script/Group/MergeGroup

Parameters**targetTitanId**: The titan id of the group to merge into.**Group.MergeGroupIfMatchesSourceHandle**

Merges the group on requested handle if the supplied handle matches.

MACRO

Void

MergeGroupOnHandleIfMatched(Avolites.Titan.Controllers.Handles.Handle, Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Group/MergeGroupIfMatchesSourceHandle

Parameters**srcHandle**: The handle of the original group.**targetHandle**: The handle of the group to merge with.**Group.MergeGroupOnHandle**

Merge the current selection with the group on a handle

MACRO

Void

MergeGroupOnHandle(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Group/MergeGroupOnHandle

Group.QuickCreateGroup

Quick Create Group function. Takes a legend or guesses one and records the current fixture selection as a new group on the supplied handle.

MACRO

```
Void
QuickCreateGroup(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Acw.Titan.AcwUserNumber, System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Group/QuickCreateGroup
```

Parameters

- handle:** The handle to record to (HandleReference).
- userNumber:** The suggested user number.
- legend:** The legend. If null or empty the name of the context fixture will be used.
- iconId:** The id of an icon to apply to this group.

Group.RecallGroup

Recall the group on a handle - if the handle isn't a group handle does nothing

MACRO

```
Void RecallGroup(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Group/RecallGroup
```

Parameters

- handle:** The handle.

Group.RecallGroupById

Apply the selected group. The first time it always adds, subsequently it inverts until the user hits Clear.

MACRO

```
Void ApplyGroup(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Group/RecallGroupById
```

Parameters

- groupId:** The group id.

Group.RecallGroupNumeric

Recalls a group with the supplied user id (This version is for the numeric menu which passes a float as the number)

MACRO

```
Void RecallGroup(Single)
```

HTTP

```
http://[ip]:4430/titan/script/Group/RecallGroupNumeric
```

Group.RecallGroups

MACRO

```
Void
RecallGroups(System.Collections.Generic.IEnumerable`1[Avolites.
Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/Group/RecallGroups
```

Group.Rename

Rename a group

MACRO

Void RenameGroup(Int32, System.String)

HTTP

http://[ip]:4430/titan/script/Group/Rename

Parameters

- groupId**: The group id.
- groupName**: Name of the group.

Group.RenumberGroup

Changes a group's user id

MACRO

Void RenumberGroup(Int32, Avolites.Acw.Titan.AcwUserNumber)

HTTP

http://[ip]:4430/titan/script/Group/RenumberGroup

Parameters

- titanId**: The titan group id.
- newUserNumber**: The new user number.

Group.RenumberMenu.DefaultAction

Enter has been pressed in the renumber menu, do the current action

MACRO

Void RenumberMenuDefaultAction()

HTTP

http://[ip]:4430/titan/script/Group/RenumberMenu/DefaultAction

Group.RenumberMenu.EnterMenu

Entry to the Re-number menu, copy current to source and prompt for a new number

MACRO

Void RenumberMenuOnLoad(Avolites.Menus.IMenu)

HTTP

http://[ip]:4430/titan/script/Group/RenumberMenu/EnterMenu

Parameters

- menu**:

Group.RenumberMenu.GroupNumberChange

The group number has been changed, see if it exists

MACRO

Void RenumberMenuGroupNumberChange(Avolites.Menus.IMenu)

HTTP

http://[ip]:4430/titan/script/Group/RenumberMenu/GroupNumberChange

Parameters

- menu**:

Group.ReplaceGroupOnHandle

Replace a group on a handle

MACRO

Void ReplaceGroupOnHandle(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Group/ReplaceGroupOnHandle

Group.ResetAllMasters

Resets all group masters to 100%

MACRO
Void ResetAllMasters()
HTTP
http://[ip]:4430/titan/script/Group/ResetAllMasters

Group.ResetMaster

Resets the group master level to its default level

MACRO
Void ResetMaster(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Group/ResetMaster

Parameters

handle: The group handle

Group.ResizeGroupToFixtures

Sizes the group layout to its contents.

MACRO
Void ResizeGroupToFixtures(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Group/ResizeGroupToFixtures

Parameters

handle: The handle of the group.

Group.SetCurrentGroup

Set the current group to the specified one

MACRO
Void SetCurrentGroup(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Group/SetCurrentGroup

Parameters

handle: The handle.

Group.SetCurrentGroupFromUserNumber

Sets the currently edited or active group from a user number. If the user number doesn't exist the current group is set to -1

MACRO
Void SetCurrentGroupFromUserNumber(Avolites.Acw.Titan.AcwUserNumber)
HTTP
http://[ip]:4430/titan/script/Group/SetCurrentGroupFromUserNumber

Parameters

userNumber: The user number.

Group.SetFixtureOrder

Sets the fixture order values for a fixture in a group.

MACRO
Void SetFixtureOrder(Int32, Int32, Single, Single, Single)
HTTP
http://[ip]:4430/titan/script/Group/SetFixtureOrder

Parameters

groupId: The group id.

fixtureId: The fixture id.
x: The x.
y: The y.
angle: The angle.

Group.SetGroupFaderLevel

Sets intensity of fixtures in the group based on fader level

MACRO

```
Void SetGroupFaderLevel(System.String, Int32,
Avolites.Menus.Maths.LevelAdjust, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Group/SetGroupFaderLevel
```

Parameters

group: The handle group
index: The index in the group
value: The value.
accuracy: The accuracy.

Group.SetGroupFixtureOrder

MACRO

```
Void SetGroupFixtureOrder(Int32,
System.Collections.Generic.IEnumerable`1[Avolites.Acw.Titan.Fix
tureLocation])
```

HTTP

```
http://[ip]:4430/titan/script/Group/SetGroupFixtureOrder
```

Group.SetGroupSize

Sets the size of the group.

MACRO

```
Void SetGroupSize(Int32, Int32, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Group/SetGroupSize
```

Parameters

groupId: The group id.
width: The width.
height: The height.

Group.SetSource

Sets the source.

MACRO

```
Void SetSource(System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Group/SetSource
```

Parameters

group: The group in which the selected handle is part of.
playbackId: The id of the handle within the group.

Group.SetSourceHandle

Sets the source group handle to use during group operations.

MACRO

```
Void SetSourceHandle(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Group/SetSourceHandle
```

Parameters

source: The handle to set the source to.

Group.StoreGroup

Stores the group.

MACRO

```
Void StoreGroup(Avolites.Acw.Titan.AcwUserNumber)
```

HTTP

```
http://[ip]:4430/titan/script/Group/StoreGroup
```

Parameters

userNumber: The user number.

Group.StoreGroupReplace

Store the current group replacing any existing group with the same number

MACRO

```
Void StoreGroupReplace(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Group/StoreGroupReplace
```

Group.StoreMenu.Action.GroupName

The Legend button has been pressed, toggle edits

MACRO

```
Void StoreMenuGroupNameSelected(Avolites.Menus.IMenu,
Avolites.Menus.MenuItem)
```

HTTP

```
http://[ip]:4430/titan/script/Group/StoreMenu/Action/GroupName
```

Parameters

menu: Store menu

menuItem: Legend item

Group.StoreMenu.Action.GroupNumber

The User number button has been pressed, toggle actions

MACRO

```
Void StoreMenuGroupNumberSelected(Avolites.Menus.IMenu,
Avolites.Menus.MenuItem)
```

HTTP

```
http://[ip]:4430/titan/script/Group/StoreMenu/Action/GroupNumber
```

Parameters

menu: Store menu

menuItem: Number item

Group.StoreMenu.EnterPressed

The Enter key (Keyboard or keypad) has been pressed in the store menu. Perform the most sensible action

MACRO

```
Void StoreMenuEnterPressed(Avolites.Menus.IMenu)
```

HTTP

```
http://[ip]:4430/titan/script/Group/StoreMenu/EnterPressed
```

Parameters

menu:

Group.StoreMenu.SetLegendPage

Set the Legend button page, retaining edit mode if active

MACRO

```
Void StoreMenuSetGroupLegendPage(Avolites.Menus.MenuItem)
```

```
HTTP
http://[ip]:4430/titan/script/Group/StoreMenu/SetLegendPage
```

Parameters**legendItem:****Group.StoreMenu.StoreOnButton**

The user has pressed a preset flash whilst in the store menu. Try and record the group to that handle

```
MACRO
Void StoreGroupOnPresetButton(System.String, Int32,
Avolites.Acw.Titan.AcwUserNumber)
HTTP
http://[ip]:4430/titan/script/Group/StoreMenu/StoreOnButton
```

Parameters**group:** Button group**index:** Index into that group**userNumber:** The user number of the group to store**Group.SwapGroupNumbers**

Swap user numbers between the current group and the renumber source

```
MACRO
Void SwapGroupNumbers(Int32, Int32)
HTTP
http://[ip]:4430/titan/script/Group/SwapGroupNumbers
```

Parameters**srcGroupId:** The source group id.**targetGroupId:** The target group id.**3.21.2 Group Properties****Group.CurrentGroupExists**

Gets or sets a value indicating whether the current group exists.

```
MACRO
ActionScript.SetProperty(Group.CurrentGroupExists, [value])
HTTP
http://[ip]:4430/titan/get/Group/CurrentGroupExists
HTTP
POST /titan/set/Group/CurrentGroupExists
```

Group.CurrentGroupId

Gets or sets the titan id of the group being edited.

```
MACRO
ActionScript.SetProperty(Group.CurrentGroupId, [value])
HTTP
http://[ip]:4430/titan/get/Group/CurrentGroupId
HTTP
POST /titan/set/Group/CurrentGroupId
```

Group.CurrentGroupName

The legend to be stored on the next recorded or updated Group

```
MACRO
ActionScript.SetProperty(Group.CurrentGroupName, [value])
HTTP
http://[ip]:4430/titan/get/Group/CurrentGroupName
```



```
HTTP
POST /titan/set/Group/CurrentGroupName
```

Group.CurrentGroupUserNumber

The user number of the current Group

```
MACRO
ActionScript.SetProperty(Group.CurrentGroupUserNumber,[value])
HTTP
http://[ip]:4430/titan/get/Group/CurrentGroupUserNumber
HTTP
POST /titan/set/Group/CurrentGroupUserNumber
```

Group.Editor.GroupMaster

Gets or sets the intensity modifier for the group (fader groups only)

```
MACRO
ActionScript.SetProperty(Group.Editor.GroupMaster,[value])
HTTP
http://[ip]:4430/titan/get/Group/Editor/GroupMaster
HTTP
POST /titan/set/Group/Editor/GroupMaster
```

Group.Editor.Layout.Angle

```
MACRO
ActionScript.SetProperty(Group.Editor.Layout.Angle,[value])
HTTP
http://[ip]:4430/titan/get/Group/Editor/Layout/Angle
HTTP
POST /titan/set/Group/Editor/Layout/Angle
```

Group.Editor.Layout.PositionX

```
MACRO
ActionScript.SetProperty(Group.Editor.Layout.PositionX,[value])
HTTP
http://[ip]:4430/titan/get/Group/Editor/Layout/PositionX
HTTP
POST /titan/set/Group/Editor/Layout/PositionX
```

Group.Editor.Layout.PositionY

```
MACRO
ActionScript.SetProperty(Group.Editor.Layout.PositionY,[value])
HTTP
http://[ip]:4430/titan/get/Group/Editor/Layout/PositionY
HTTP
POST /titan/set/Group/Editor/Layout/PositionY
```

Group.Editor.Layout.SelectedParameter

Gets or sets the current parameter offset. This indicates the parameter which should be visible on the first wheel to the user.

```
MACRO
ActionScript.SetProperty(Group.Editor.Layout.SelectedParameter,[value])
HTTP
http://[ip]:4430/titan/get/Group/Editor/Layout/SelectedParameter
```

```
HTTP
POST /titan/set/Group/Editor/Layout/SelectedParameter
```

Group.Editor.Scale

Gets or sets the group being edited's scale value.

```
MACRO
ActionScript.SetProperty(Group.Editor.Scale, [value])
```

```
HTTP
http://[ip]:4430/titan/get/Group/Editor/Scale
```

```
HTTP
POST /titan/set/Group/Editor/Scale
```

Group.Editor.SelectedGroup

Gets or sets the group being edited.

```
MACRO
ActionScript.SetProperty(Group.Editor.SelectedGroup, [value])
```

```
HTTP
http://[ip]:4430/titan/get/Group/Editor/SelectedGroup
```

```
HTTP
POST /titan/set/Group/Editor/SelectedGroup
```

Group.Editor.SelectedGroupName

```
MACRO
ActionScript.SetProperty(Group.Editor.SelectedGroupName, [value]
)
```

```
HTTP
http://[ip]:4430/titan/get/Group/Editor/SelectedGroupName
```

```
HTTP
POST /titan/set/Group/Editor/SelectedGroupName
```

Group.Numeric.IsValid

```
MACRO
ActionScript.SetProperty(Group.Numeric.IsValid, [value])
```

```
HTTP
http://[ip]:4430/titan/get/Group/Numeric/IsValid
```

```
HTTP
POST /titan/set/Group/Numeric/IsValid
```

Group.PreviewGroupName

The legend of the current Group

```
MACRO
ActionScript.SetProperty(Group.PreviewGroupName, [value])
```

```
HTTP
http://[ip]:4430/titan/get/Group/PreviewGroupName
```

```
HTTP
POST /titan/set/Group/PreviewGroupName
```

Group.SelectedGroupHandle

Gets or sets the requested group handle.

```
MACRO
ActionScript.SetProperty(Group.SelectedGroupHandle, [value])
```

```
HTTP
http://[ip]:4430/titan/get/Group/SelectedGroupHandle
```

```
HTTP
POST /titan/set/Group/SelectedGroupHandle
```

Group.SourceGroupUserNumber

Gets or sets the titan id of the selected source group.

MACRO

```
ActionScript.SetProperty(Group.SourceGroupUserNumber,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Group/SourceGroupUserNumber
```

HTTP

```
POST /titan/set/Group/SourceGroupUserNumber
```

Group.SourceId

Gets or sets the titan id of the selected source group.

MACRO

```
ActionScript.SetProperty(Group.SourceId,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Group/SourceId
```

HTTP

```
POST /titan/set/Group/SourceId
```

3.22 GroupEditSelection**3.22.1 GroupEditSelection Methods****GroupEditSelection.AllowAllFixtures**

Allow all fixtures to be selected again

MACRO

```
Void ClearRestrictedSelection()
```

HTTP

```
http://[ip]:4430/titan/script/GroupEditSelection/AllowAllFixtures
```

GroupEditSelection.Clear

Clears the current selection but not Titan's programmer

MACRO

```
Void Clear()
```

HTTP

```
http://[ip]:4430/titan/script/GroupEditSelection/Clear
```

GroupEditSelection.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

MACRO

```
Void ClearSelectionPattern()
```

HTTP

```
http://[ip]:4430/titan/script/GroupEditSelection/ClearPatternSelect
```

GroupEditSelection.GetSelectedFixtures

Gets the selected fixture handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

```
Void GetSelectedFixtures(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/GroupEditSelection/GetSelectedFixtures
```

Parameters

menuProperty: The menu property.

GroupEditSelection.GetSelectedHandles

Gets the selected handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedHandles(System.String)

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/GetSelectedHandles

Parameters

menuProperty: The menu property.

GroupEditSelection.HighlightSelectedHandles

Sets the handles of all the selected fixtures to highlight so their LEDs pulse. Use ClearAllHighlights() to cancel this.

MACRO

Void HighlightSelectedHandles()

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/HighlightSelectedHandles

GroupEditSelection.InvertPattern

Inverts the currently active pattern if there is one.

MACRO

Void InvertPattern()

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/InvertPattern

GroupEditSelection.PatternJumpNext

Jumps the selection Pattern right by the length of the pattern

MACRO

Void PatternJumpNext()

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/PatternJumpNext

GroupEditSelection.PatternJumpPrevious

Jumps the selection Pattern left by the length of the pattern

MACRO

Void PatternJumpPrevious()

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/PatternJumpPrevious

GroupEditSelection.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternNext()

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/PatternNext

GroupEditSelection.PatternPrevious

Moves the selection pattern one place to the left. If there is no selection pattern in force it sets it to be a single fixture.

MACRO

Void PatternPrevious()

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/PatternPrevious

GroupEditSelection.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

MACRO

Void PreviewClear()

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/PreviewClear

GroupEditSelection.PreviewSelectFixtures

MACRO

Void PreviewSelectFixtures(System.String, System.Collections.Generic.List<System.Int32>)

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/PreviewSelectFixtures

GroupEditSelection.PreviewSetNewHandleSelection

MACRO

Void PreviewSetNewSelection(System.Collections.Generic.IEnumerable<Avolites.Titan.Controllers.Handles.Handle>)

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/PreviewSetNewHandleSelection

GroupEditSelection.SelectFixture

Selects a fixture by handle.

MACRO

Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/SelectFixture

Parameters

handle: The handle.

GroupEditSelection.SelectFixtures

MACRO

Void SelectFixtures(System.String, System.Collections.Generic.List<System.Int32>)

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/SelectFixtures

GroupEditSelection.SelectFixturesWithTitanIds

MACRO

Void SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerable<System.Int32>)

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/SelectFixturesWithTitanIds

GroupEditSelection.SetNewHandleSelection

MACRO

Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/SetNewHandleSelection

GroupEditSelection.SetNewSelection

MACRO

Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.FixtureHandle])

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/SetNewSelection

GroupEditSelection.StartNewSelection

Sets the start new selection mode to true.

MACRO

Void SetStartNewSelection()

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/StartNewSelection

GroupEditSelection.ValidateFixturesSelected

Throws an error which can be displayed in the menu to prompt the user that no fixtures are selected. You can call this function to determine whether fixtures are selected in menus that require a selection.

MACRO

Void ValidateFixturesSelected()

HTTP

http://[ip]:4430/titan/script/GroupEditSelection/ValidateFixturesSelected

3.22.2 GroupEditSelection Properties

GroupEditSelection.ContextFixtureHandle

The context fixture is the last fixture which was selected. This fixture is used to determine which attribute controls are displayed to the user.

MACRO

ActionScript.SetProperty(GroupEditSelection.ContextFixtureHandle,[value])

HTTP

http://[ip]:4430/titan/get/GroupEditSelection/ContextFixtureHandle

HTTP

POST /titan/set/GroupEditSelection/ContextFixtureHandle

GroupEditSelection.Empty

MACRO

```
ActionScript.SetProperty(GroupEditSelection.Empty,[value])
```

HTTP

```
http://[ip]:4430/titan/get/GroupEditSelection/Empty
```

HTTP

```
POST /titan/set/GroupEditSelection/Empty
```

GroupEditSelection.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

MACRO

```
ActionScript.SetProperty(GroupEditSelection.PatternSelect,[value])
```

HTTP

```
http://[ip]:4430/titan/get/GroupEditSelection/PatternSelect
```

HTTP

```
POST /titan/set/GroupEditSelection/PatternSelect
```

GroupEditSelection.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

MACRO

```
ActionScript.SetProperty(GroupEditSelection.RepeatPattern,[value])
```

HTTP

```
http://[ip]:4430/titan/get/GroupEditSelection/RepeatPattern
```

HTTP

```
POST /titan/set/GroupEditSelection/RepeatPattern
```

3.23 GroupOrderSelection**3.23.1 GroupOrderSelection Methods****GroupOrderSelection.AllowAllFixtures**

Allow all fixtures to be selected again

MACRO

```
Void ClearRestrictedSelection()
```

HTTP

```
http://[ip]:4430/titan/script/GroupOrderSelection/AllowAllFixtures
```

GroupOrderSelection.Clear

Clears the current selection but not Titan's programmer

MACRO

```
Void Clear()
```

HTTP

```
http://[ip]:4430/titan/script/GroupOrderSelection/Clear
```

GroupOrderSelection.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

MACRO

```
Void ClearSelectionPattern()
```

HTTP

http://[ip]:4430/titan/script/GroupOrderSelection/ClearPatternsSelect

GroupOrderSelection.GetSelectedFixtures

Gets the selected fixture handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedFixtures(System.String)

HTTP

http://[ip]:4430/titan/script/GroupOrderSelection/GetSelectedFixtures

Parameters

menuProperty: The menu property.

GroupOrderSelection.GetSelectedHandles

Gets the selected handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedHandles(System.String)

HTTP

http://[ip]:4430/titan/script/GroupOrderSelection/GetSelectedHandles

Parameters

menuProperty: The menu property.

GroupOrderSelection.HighlightSelectedHandles

Sets the handles of all the selected fixtures to highlight so their LEDs pulse. Use ClearAllHighlights() to cancel this.

MACRO

Void HighlightSelectedHandles()

HTTP

http://[ip]:4430/titan/script/GroupOrderSelection/HighlightSelectedHandles

GroupOrderSelection.InvertPattern

Inverts the currently active pattern if there is one.

MACRO

Void InvertPattern()

HTTP

http://[ip]:4430/titan/script/GroupOrderSelection/InvertPattern

GroupOrderSelection.PatternJumpNext

Jumps the selection Pattern right by the length of the pattern

MACRO

Void PatternJumpNext()

HTTP

http://[ip]:4430/titan/script/GroupOrderSelection/PatternJumpNext

GroupOrderSelection.PatternJumpPrevious

Jumps the selection Pattern left by the length of the pattern

MACRO

Void PatternJumpPrevious()

HTTP

[http://\[ip\]:4430/titan/script/GroupOrderSelection/PatternJumpPrevious](http://[ip]:4430/titan/script/GroupOrderSelection/PatternJumpPrevious)

GroupOrderSelection.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternNext()

HTTP

[http://\[ip\]:4430/titan/script/GroupOrderSelection/PatternNext](http://[ip]:4430/titan/script/GroupOrderSelection/PatternNext)

GroupOrderSelection.PatternPrevious

Moves the selection pattern one place to the left. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternPrevious()

HTTP

[http://\[ip\]:4430/titan/script/GroupOrderSelection/PatternPrevious](http://[ip]:4430/titan/script/GroupOrderSelection/PatternPrevious)

GroupOrderSelection.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

MACRO

Void PreviewClear()

HTTP

[http://\[ip\]:4430/titan/script/GroupOrderSelection/PreviewClear](http://[ip]:4430/titan/script/GroupOrderSelection/PreviewClear)

GroupOrderSelection.PreviewSelectFixtures

MACRO

Void PreviewSelectFixtures(System.String, System.Collections.Generic.List`1[System.Int32])

HTTP

[http://\[ip\]:4430/titan/script/GroupOrderSelection/PreviewSelectFixtures](http://[ip]:4430/titan/script/GroupOrderSelection/PreviewSelectFixtures)

GroupOrderSelection.PreviewSetNewHandleSelection

MACRO

Void PreviewSetNewSelection(System.Collections.Generic.IEnumerable`1 [Avolites.Titan.Controllers.Handles.Handle])

HTTP

[http://\[ip\]:4430/titan/script/GroupOrderSelection/PreviewSetNewHandleSelection](http://[ip]:4430/titan/script/GroupOrderSelection/PreviewSetNewHandleSelection)

GroupOrderSelection.SelectFixture

Selects a fixture by handle.

MACRO

Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)

HTTP

[http://\[ip\]:4430/titan/script/GroupOrderSelection/SelectFixture](http://[ip]:4430/titan/script/GroupOrderSelection/SelectFixture)

Parameters

handle: The handle.

GroupOrderSelection.SelectFixtures

MACRO

```
Void SelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/GroupOrderSelection/SelectFixtures
```

GroupOrderSelection.SelectFixturesWithTitanIds

MACRO

```
Void
SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerable`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/GroupOrderSelection/SelectFixturesWithTitanIds
```

GroupOrderSelection.SetNewHandleSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/GroupOrderSelection/SetNewHandleSelection
```

GroupOrderSelection.SetNewSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.FixtureHandle])
```

HTTP

```
http://[ip]:4430/titan/script/GroupOrderSelection/SetNewSelection
```

GroupOrderSelection.StartNewSelection

Sets the start new selection mode to true.

MACRO

```
Void SetStartNewSelection()
```

HTTP

```
http://[ip]:4430/titan/script/GroupOrderSelection/StartNewSelection
```

GroupOrderSelection.ValidateFixturesSelected

Throws an error which can be displayed in the menu to prompt the user that no fixtures are selected. You can call this function to determine whether fixtures are selected in menus that require a selection.

MACRO

```
Void ValidateFixturesSelected()
```

HTTP

```
http://[ip]:4430/titan/script/GroupOrderSelection/ValidateFixturesSelected
```

3.23.2 GroupOrderSelection Properties

GroupOrderSelection.ContextFixtureHandle

The context fixture is the last fixture which was selected. This fixture is used to determine which attribute controls are displayed to the user.

```
MACRO
ActionScript.SetProperty(GroupOrderSelection.ContextFixtureHandle,[value])
HTTP
http://[ip]:4430/titan/get/GroupOrderSelection/ContextFixtureHandle
HTTP
POST /titan/set/GroupOrderSelection/ContextFixtureHandle
```

GroupOrderSelection.Empty

```
MACRO
ActionScript.SetProperty(GroupOrderSelection.Empty,[value])
HTTP
http://[ip]:4430/titan/get/GroupOrderSelection/Empty
HTTP
POST /titan/set/GroupOrderSelection/Empty
```

GroupOrderSelection.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

```
MACRO
ActionScript.SetProperty(GroupOrderSelection.PatternSelect,[value])
HTTP
http://[ip]:4430/titan/get/GroupOrderSelection/PatternSelect
HTTP
POST /titan/set/GroupOrderSelection/PatternSelect
```

GroupOrderSelection.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

```
MACRO
ActionScript.SetProperty(GroupOrderSelection.RepeatPattern,[value])
HTTP
http://[ip]:4430/titan/get/GroupOrderSelection/RepeatPattern
HTTP
POST /titan/set/GroupOrderSelection/RepeatPattern
```

3.24 Handles

3.24.1 Handles Methods

Handles.AreAllEqual

```
MACRO
Boolean
AreAllEqual(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle],
System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle], Boolean)
```

HTTP

[http://\[ip\]:4430/titan/script/Handles/AreAllEqual](http://[ip]:4430/titan/script/Handles/AreAllEqual)

Handles.AreEqual

Returns true if the handles are equal.

MACRO

```
Boolean AreEqual(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

[http://\[ip\]:4430/titan/script/Handles/AreAllEqual](http://[ip]:4430/titan/script/Handles/AreAllEqual)

Parameters

- a:** The first handle to compare.
- b:** The second handle to compare.

Handles.CanSelectionSetUserNumber

Gets if any handles in the selection have editable user numbers.

MACRO

```
Boolean CanSelectionSetUserNumber()
```

HTTP

[http://\[ip\]:4430/titan/script/Handles/CanSelectionSetUserNumber](http://[ip]:4430/titan/script/Handles/CanSelectionSetUserNumber)

Handles.ChangeGroupPage

Change page on the specified group

MACRO

```
Void ChangePage(System.String, Int32)
```

HTTP

[http://\[ip\]:4430/titan/script/Handles/ChangeGroupPage](http://[ip]:4430/titan/script/Handles/ChangeGroupPage)

Parameters

- group:** Group
- index:** new page number

Handles.ChangePlaybackPage

Change playback page on rolled handle group

MACRO

```
Void ChangePlaybackPage(System.String, Single)
```

HTTP

[http://\[ip\]:4430/titan/script/Handles/ChangePlaybackPage](http://[ip]:4430/titan/script/Handles/ChangePlaybackPage)

Parameters

- group:** group
- level:** playback page 1.0-10.0

Handles.ChangeRollerPage

Change roller page on the specified group Only works with RolledHandleGroups

MACRO

```
Void ChangeRollerPage(System.String, Int32)
```

HTTP

[http://\[ip\]:4430/titan/script/Handles/ChangeRollerPage](http://[ip]:4430/titan/script/Handles/ChangeRollerPage)

Parameters

- group:** Rolled handle group name
- index:** Page number

Handles.ClearAllHighlights

Clear all handle highlighting in all groups.

MACRO
Void ClearAllHighlights()
HTTP
http://[ip]:4430/titan/script/Handles/ClearAllHighlights

Handles.ClearAllLevelMatching

Reset all handles that support level matching (FixtureHandles ATM)

MACRO
Void ClearAllLevelMatching()
HTTP
http://[ip]:4430/titan/script/Handles/ClearAllLevelMatching

Handles.ClearEnabledHandles

Clears the enabled handles. (Enables all handles)

MACRO
Void ClearEnabledHandles()
HTTP
http://[ip]:4430/titan/script/Handles/ClearEnabledHandles

Handles.ClearErrorState

Clears the error state and message.

MACRO
Void ClearErrorState()
HTTP
http://[ip]:4430/titan/script/Handles/ClearErrorState

Handles.ClearHighlight

Stops highlighting the given handle.

MACRO
Void ClearHighlight(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Handles/ClearHighlight

Parameters

item: The handle to stop highlighting.

Handles.ClearHighlightItem

Stops highlighting the given handle on the current page.

MACRO
Void ClearHighlight(System.String, Int32)
HTTP
http://[ip]:4430/titan/script/Handles/ClearHighlightItem

Parameters

group: The group of the handle.

index: The index of the handle.

Handles.ClearHighlights

MACRO
Void ClearHighlights(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])
HTTP
http://[ip]:4430/titan/script/Handles/ClearHighlights

Handles.ClearPendingHandle

Clears the pending handle.

MACRO

Void ClearPendingHandle()

HTTP

http://[ip]:4430/titan/script/Handles/ClearPendingHandle

Handles.ClearSelection

Clears the selection.

MACRO

Void ClearSelection()

HTTP

http://[ip]:4430/titan/script/Handles/ClearSelection

Handles.ClearSelectionHighlights

Clear highlights for the current selection

MACRO

Void ClearSelectionHighlights()

HTTP

http://[ip]:4430/titan/script/Handles/ClearSelectionHighlights

Handles.ConfirmDelete

Confirms the and actions delete operation, no questions asked.

MACRO

Void ConfirmDelete()

HTTP

http://[ip]:4430/titan/script/Handles/ConfirmDelete

Handles.ConfirmDeleteRange

MACRO

Void

ConfirmDelete(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])

HTTP

http://[ip]:4430/titan/script/Handles/ConfirmDeleteRange

Handles.ConfirmRelease

Confirms the release Handle Operation.

MACRO

Void ConfirmRelease()

HTTP

http://[ip]:4430/titan/script/Handles/ConfirmRelease

Handles.ConfirmReleaseRange

MACRO

Void

ConfirmReleaseRange(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])

HTTP

http://[ip]:4430/titan/script/Handles/ConfirmReleaseRange

Handles.CopyDestination

Second stage of a copy or move operation. Set destination start point

MACRO

Void CopyDestination(System.String, Int32)

HTTP

http://[ip]:4430/titan/script/Handles/CopyDestination

Parameters

group:
index:

Handles.CopyHandleWorld

Copies a handle world.

MACRO

```
System.String CopyHandleWorld(System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/CopyHandleWorld
```

Parameters

sourceWorldId: The source world identifier.
newWorldLegend: The new world legend.

Returns

The id of the newly copied handle world

Handles.CreateHandleReference

Creates a handle reference object from the group page and index.

MACRO

```
Avolites.Titan.Controllers.HandleReference  
CreateHandleReference(System.String, Int32, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/CreateHandleReference
```

Parameters

group: The group.
page: The page.
index: The index.

Handles.DeleteHandleWorld

Deletes a handle world.

MACRO

```
Void DeleteHandleWorld(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/DeleteHandleWorld
```

Parameters

worldId: The world identifier to delete.

Handles.FirstOrDefault

MACRO

```
Avolites.Titan.Controllers.Handles.Handle  
FirstOrDefault(System.Collections.Generic.IEnumerable`1[Avolite  
s.Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/Handles/FirstOrDefault
```

Handles.GetGroup

Gets group of a handle or 'Null' if the handle is null.

MACRO

```
System.String  
GetHandleGroup(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/GetGroup
```

Parameters

handle: The handle.

Returns

The handle group.

Handles.GetGroupName

Gets the name of the current page of a group.

MACRO

```
Void GetGroupName(System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/GetGroupName
```

Parameters

group: The group.

propertyId: The property id to write back to.

Handles.GetHandleDescription

Gets the description of a handle.

MACRO

```
Void  
GetHandleDescription(Avolites.Titan.Controllers.Handles.Handle,  
System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/GetHandleDescription
```

Parameters

handle: The handle.

propertyId: The id of a property to set.

Handles.GetHandleFromId

Gets a handle from a handle type and integer id.

MACRO

```
Avolites.Titan.Controllers.Handles.Handle  
GetHandleFromId(System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/GetHandleFromId
```

Parameters

handleXmlNodeName: Name of the handle XML node.

id: The id.

Returns

A handle if found or Null if not found

Handles.GetHandles

MACRO

```
System.Collections.Generic.IEnumerable`1[Avolites.Titan.Control  
lers.Handles.Handle]  
GetHandles(System.Collections.Generic.IEnumerable`1[Avolites.Ti  
tan.Controllers.HandleReference])
```

HTTP

```
http://[ip]:4430/titan/script/Handles/GetHandles
```

Handles.GetIconId

Get the current icon id of the item associated with the handle.

Returns null or empty if none.

MACRO

```
Int32 GetIconId(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/GetIconId
```


Parameters**handle:** Handle to inquire of**Returns**

Icon id or null

Handles.GetPath

Gets path of a handle or 'Null' if the handle is null

MACRO

```
System.String
GetHandlePath(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/GetPath
```

Parameters**handle:** The handle.**Handles.GetTitanIdFromHandle**

Gets the titan id from a handle.

MACRO

```
Int32
GetTitanIdFromHandle(Avolites.Titan.Controllers.HandleReference
)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/GetTitanIdFromHandle
```

Parameters**handle:** The handle.**Handles.GetUnfoldedHandle**

Gets the source handle for an unfolded handle group.

MACRO

```
Void GetUnfoldedHandle(System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/GetUnfoldedHandle
```

Parameters

group: The handle group which has something unfolded on it.
propertyId: The ID for the property to store the result in. The property is set to

Handles.GetWorldListMenuItems

Gets a menu list of all the worlds in the system

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
GetWorldMenuItems(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/GetWorldListMenuItems
```

Parameters**includeDefault:** if set to**Handles.HaloSystemColours**

Gets a list of strings representing the system colours available.

MACRO

```
System.Collections.Generic.List`1[System.String]
GetHaloSystemColours()
```

HTTP

```
http://[ip]:4430/titan/script/Handles/HaloSystemColours
```

Returns

The list of strings representing the system colours available.

Handles.HandleKeyAction

Dispatches inputs for key events on handles. Determines what handle (if any) is associated with a key press and creates a new event

MACRO

```
Void HandleKeyAction(System.String,
Avolites.Menus.MenuEventTypes, System.String, Int32,
System.String, System.DateTime)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/HandleKeyAction
```

Parameters

keyClass: The key class.

eventType: Type of the event.

keyGroup: The key group.

keyIndex: Index of the key.

keyName: The name of the key/item to process.

timeStamp: The time stamp.

Handles.HandleKeyActionRange

MACRO

```
Void HandleKeyActionRange(System.String,
Avolites.Menus.MenuEventTypes, System.String,
System.Collections.Generic.List`1[System.Int32], System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/HandleKeyActionRange
```

Handles.HighlightHandle

Highlights a handle.

MACRO

```
Void HighlightHandle(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/HighlightHandle
```

Parameters

item: The handle to highlight.

Handles.HighlightHandleItem

Highlights a handle on the current page.

MACRO

```
Void HighlightHandle(System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/HighlightHandleItem
```

Parameters

group: The group of the handle.

index: The index of the handle.

Handles.HighlightHandleReferenceList

Highlights all occupied handles in the specified handle reference list.

MACRO

```
Void
HighlightHandleReferenceList(Avolites.Titan.Controllers.Handles
.HandleReferenceList)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/HighlightHandleReferenceList
```

Handles.HighlightHandles

MACRO

Void

```
HighlightHandles(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/Handles/HighlightHandles
```

Handles.HighlightSelection

Highlight the current selection

MACRO

```
Void HighlightSelection()
```

HTTP

```
http://[ip]:4430/titan/script/Handles/HighlightSelection
```

Handles.HighlightVacantHandles

Highlights the vacant handles in one or more groups.

MACRO

```
Void HighlightVacantHandles(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/HighlightVacantHandles
```

Parameters

groupList: The group list - a semicolon separated list of group names.

Handles.InvalidLevelMatch

If the handle is matched it sets the handle to not matched.

MACRO

```
Void InvalidateLevelMatch(System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/InvalidateLevelMatch
```

Parameters

group: The handle group name of the item.
index: The handle index of the item.

Handles.IsClaimed

Gets whether a handle is claimed or false if the handle is null.

MACRO

```
Boolean IsClaimed(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/IsClaimed
```

Parameters

handle: The handle.

Handles.IsGroupUnfolded

Determines whether the handle group is unfolded.

MACRO

```
Boolean IsGroupUnfolded(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/IsGroupUnfolded
```

Parameters

group: The handle group.

Handles.IsNotClaimed

Gets whether a handle is not claimed or true if the handle is null.

MACRO

```
Boolean IsNotClaimed(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/IsNotClaimed
```

Parameters

handle: The handle.

Handles.Move

MACRO

Void

```
Move(System.Collections.Generic.Dictionary`2[Avolites.Titan.Controllers.Handles.Handle,System.Int32], System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/Move
```

Handles.NewHandleWorld

Create a new empty handle world

MACRO

```
Void NewHandleWorld(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/NewHandleWorld
```

Parameters

worldLegend: The world legend.

Handles.PreviewSelectHandles

MACRO

Void

```
PreviewSelectHandles(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle], System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/PreviewSelectHandles
```

Handles.QuickAssign

MACRO

Void

```
QuickAssign(System.Collections.Generic.List`1[Avolites.Titan.Controllers.Handles.Handle], Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/QuickAssign
```

Handles.RemoveHalo

Remove the halos on the source handles.

MACRO

```
Void RemoveHalos()
```

HTTP

```
http://[ip]:4430/titan/script/Handles/RemoveHalo
```

Handles.RemoveHandleInfo

Change back from the context info page to whatever was there before

MACRO

Void RemoveContextInfo()

HTTP

http://[ip]:4430/titan/script/Handles/RemoveHandleInfo
--

Handles.RenameHandleWorld

Renames a handle world.

MACRO

Void RenameHandleWorld(System.String, System.String)
--

HTTP

http://[ip]:4430/titan/script/Handles/RenameHandleWorld

Parameters

worldId: The world unique identifier.

worldLegend: The new world legend.

Handles.SelectHandles

MACRO

Void

SelectHandles(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle], System.String, System.String)
--

HTTP

http://[ip]:4430/titan/script/Handles/SelectHandles

Handles.SetColourPickerToCurrentHalo

Sets the colour picker colour to that of the current halo.

MACRO

Void SetColourPickerToCurrentHalo()

HTTP

http://[ip]:4430/titan/script/Handles/SetColourPickerToCurrentHalo
--

Handles.SetContextInfo

Set a global property with a handy description of what has been pressed

MACRO

Void SetContextInfo(System.String, Int32)

HTTP

http://[ip]:4430/titan/script/Handles/SetContextInfo
--

Parameters

group: handle group

index: handle index

Handles.SetContextInfoFromHandles

MACRO

Void

SetContextInfo(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])

HTTP

http://[ip]:4430/titan/script/Handles/SetContextInfoFromHandles

Handles.SetGroupPage

Sets the current page of a group to the supplied page

MACRO

Void SetGroupPage(System.String, Int32)

HTTP

`http://[ip]:4430/titan/script/Handles/SetGroupPage`**Parameters**

- groupName:** Name of the group.
- page:** The page.

Handles.SetGroupName

Sets the name of the current page of a group.

MACRO

`Void SetGroupName(System.String, System.String)`

HTTP

`http://[ip]:4430/titan/script/Handles/SetGroupName`**Parameters**

- group:** The group.
- name:** The name.

Handles.SetHalo

Set all the source handles to the pending halo.

MACRO

`Void SetHalos()`

HTTP

`http://[ip]:4430/titan/script/Handles/SetHalo`**Handles.SetHaloToPickerColour**

Sets the halo to the pending picker colour

MACRO

`Void SetHaloToPickerColour()`

HTTP

`http://[ip]:4430/titan/script/Handles/SetHaloToPickerColour`**Handles.SetHandleWorld**

Sets the current handle world.

MACRO

`Void SetHandleWorld(System.String)`

HTTP

`http://[ip]:4430/titan/script/Handles/SetHandleWorld`**Parameters**

- worldId:** The world identifier.

Handles.SetIcon

Set all the source handles to the pending icon.

MACRO

`Void SetIcons(Int32)`

HTTP

`http://[ip]:4430/titan/script/Handles/SetIcon`**Handles.SetLegend**

Set all the source handles to the pending legend

MACRO

`Void SetLegends()`

HTTP

`http://[ip]:4430/titan/script/Handles/SetLegend`

Handles.SetLockState

MACRO

Void SetLockState(LockStates)

HTTP

http://[ip]:4430/titan/script/Handles/SetLockState

Handles.SetNotes

Set all the source handles to the pending notes

MACRO

Void SetNotes()

HTTP

http://[ip]:4430/titan/script/Handles/SetNotes

Handles.SetOperationMode

Set the current copy mode from a string

MACRO

Void SetCopyMode(System.String)

HTTP

http://[ip]:4430/titan/script/Handles/SetOperationMode

Parameters**mode:****Handles.SetPendingHaloToSystemColour**

Sets the pending halo menu property to the value of the given system colour id

MACRO

Void SetPendingHaloToSystemColour(System.String)

HTTP

http://[ip]:4430/titan/script/Handles/SetPendingHaloToSystemColour

Handles.SetPendingHandle

Sets the pending handle.

MACRO

Void SetPendingHandle(System.String, Int32)

HTTP

http://[ip]:4430/titan/script/Handles/SetPendingHandle

Parameters**group:** The group.**index:** The index.**Handles.SetPropertyFromUserNumber**

Sets the property from user number string.

MACRO

Void SetPropertyFromUserNumber(System.String, System.String)

HTTP

http://[ip]:4430/titan/script/Handles/SetPropertyFromUserNumber

Parameters**propertyId:** The property id.**userNumberValue:** The user number value.**Handles.SetSourceFromUserNumber**

Sets the from the user number and handle type.

MACRO

```
Void SelectSourceFromUserNumber(System.String,
Avolites.Acw.Titan.AcwUserNumber)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/SetSourceFromUserNumber
```

Parameters

handlePath: The path of the handle to identify what type of item the user number identifies.

userNumber: The user number of the item to set the source to.

Handles.SetSourceHandle

Set the source handle to a specific group and index. Updates the context info

MACRO

```
Void SetSourceHandle(System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/SetSourceHandle
```

Parameters

group:

index:

Handles.SetSourceHandleFromHandle

Sets the source handle to be a supplied handle

MACRO

```
Void SetSourceHandle(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/SetSourceHandleFromHandle
```

Parameters

handle: The handle.

Handles.SetSourceHandleRange

MACRO

```
Void SetSourceHandleRange(System.String,
System.Collections.Generic.List`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Handles/SetSourceHandleRange
```

Handles.SetSourceHandleRangeFromHandles

MACRO

```
Void
SetSourceHandleRangeFromHandles(System.Collections.Generic.IEnum
erable`1[Avolites.Titan.Controllers.Handles.Handle], Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Handles/SetSourceHandleRangeFromH
andles
```

Handles.SetUserNumber

Sets the user number on the selected handles.

MACRO

```
Void SetUserNumber()
```

HTTP

```
http://[ip]:4430/titan/script/Handles/SetUserNumber
```

Handles.ShowHandleInfo

Show info about the handle pressed

MACRO

Void ShowInfoPage(System.String, Int32)

HTTP

http://[ip]:4430/titan/script/Handles/ShowHandleInfo

Parameters

group: Handle group

index: Handle index

Handles.StopHighlightingVacantHandles

Stops the highlighting vacant handles in one or more groups.

MACRO

Void StopHighlightingVacantHandles(System.String)

HTTP

http://[ip]:4430/titan/script/Handles/StopHighlightingVacantHandles

Parameters

groupList: The group list.

Handles.TouchPreviewHandle

Touches the preview handle.

MACRO

Void TouchPreviewHandle(System.String, Int32, Boolean)

HTTP

http://[ip]:4430/titan/script/Handles/TouchPreviewHandle

Parameters

group: The group.

index: The index.

active: if set to

Handles.Unfold.Exit

MACRO

Void ExitUnfold(System.String)

HTTP

http://[ip]:4430/titan/script/Handles/Unfold/Exit

Handles.Unfold.ExitAll

Exits unfold from all handle groups.

MACRO

Void ExitAll()

HTTP

http://[ip]:4430/titan/script/Handles/Unfold/ExitAll

Handles.UpdateQuickAssign

Updates whether the quick assign option is available

MACRO

Void UpdateQuickAssign()

HTTP

http://[ip]:4430/titan/script/Handles/UpdateQuickAssign

Handles.ValidateCurrentUserNumber

Validates the current user number.

MACRO

Void ValidateCurrentUserNumber()

HTTP

http://[ip]:4430/titan/script/Handles/ValidateCurrentUserNumber

Handles.WorldLegendExists

Test if a legend is in use for an existing world

MACRO

Boolean WorldLegendExists(System.String)

HTTP

http://[ip]:4430/titan/script/Handles/WorldLegendExists

Parameters

legend: The legend.

Returns

true if the legend is in use

3.24.2 Handles Properties**Handles.AllowDeleteFixtures**

Gets or sets a value indicating whether deleting fixtures is allowed.

MACRO

ActionScript.SetProperty(Handles.AllowDeleteFixtures,[value])

HTTP

http://[ip]:4430/titan/get/Handles/AllowDeleteFixtures

HTTP

POST /titan/set/Handles/AllowDeleteFixtures

Handles.AllowEditWorkspaces

Gets or sets whether workspaces handles can be deleted, moved or copied.

MACRO

ActionScript.SetProperty(Handles.AllowEditWorkspaces,[value])

HTTP

http://[ip]:4430/titan/get/Handles/AllowEditWorkspaces

HTTP

POST /titan/set/Handles/AllowEditWorkspaces

Handles.CanQuickAssign

flags whether the current selection can be quick assigned

MACRO

ActionScript.SetProperty(Handles.CanQuickAssign,[value])

HTTP

http://[ip]:4430/titan/get/Handles/CanQuickAssign

HTTP

POST /titan/set/Handles/CanQuickAssign

Handles.ContextHandles

the context handles for move / copy / link etc

MACRO

ActionScript.SetProperty(Handles.ContextHandles,[value])

HTTP

http://[ip]:4430/titan/get/Handles/ContextHandles

HTTP

POST /titan/set/Handles/ContextHandles

Handles.ContextInfoVisible

MACRO

ActionScript.SetProperty(Handles.ContextInfoVisible,[value])

```

HTTP
http://[ip]:4430/titan/get/Handles/ContextInfoVisible
HTTP
POST /titan/set/Handles/ContextInfoVisible

```

Handles.ContextSensitiveInfo

Gets or sets the handle context message.

```

MACRO
ActionScript.SetProperty(Handles.ContextSensitiveInfo,[value])
HTTP
http://[ip]:4430/titan/get/Handles/ContextSensitiveInfo
HTTP
POST /titan/set/Handles/ContextSensitiveInfo

```

Handles.CopyLegends

Set whether copy should also copy legends

```

MACRO
ActionScript.SetProperty(Handles.CopyLegends,[value])
HTTP
http://[ip]:4430/titan/get/Handles/CopyLegends
HTTP
POST /titan/set/Handles/CopyLegends

```

Handles.CurrentUserNumber

The user number the next patched fixture will obtain.

```

MACRO
ActionScript.SetProperty(Handles.CurrentUserNumber,[value])
HTTP
http://[ip]:4430/titan/get/Handles/CurrentUserNumber
HTTP
POST /titan/set/Handles/CurrentUserNumber

```

Handles.CurrentUserNumberValid

Gets or sets whether the current user number is valid.

```

MACRO
ActionScript.SetProperty(Handles.CurrentUserNumberValid,[value])
)
HTTP
http://[ip]:4430/titan/get/Handles/CurrentUserNumberValid
HTTP
POST /titan/set/Handles/CurrentUserNumberValid

```

Handles.CurrentWorldId

```

MACRO
ActionScript.SetProperty(Handles.CurrentWorldId,[value])
HTTP
http://[ip]:4430/titan/get/Handles/CurrentWorldId
HTTP
POST /titan/set/Handles/CurrentWorldId

```

Handles.CurrentWorldName

```

MACRO
ActionScript.SetProperty(Handles.CurrentWorldName,[value])
HTTP
http://[ip]:4430/titan/get/Handles/CurrentWorldName

```

```
HTTP
POST /titan/set/Handles/CurrentWorldName
```

Handles.ErrorMessage

Gets or sets the current error message for handle copy/move/link operations.

```
MACRO
ActionScript.SetProperty(Handles.ErrorMessage,[value])
HTTP
http://[ip]:4430/titan/get/Handles/ErrorMessage
HTTP
POST /titan/set/Handles/ErrorMessage
```

Handles.ErrorState

Gets or sets a value indicating whether the handle copy operation is in an error state.

```
MACRO
ActionScript.SetProperty(Handles.ErrorState,[value])
HTTP
http://[ip]:4430/titan/get/Handles/ErrorState
HTTP
POST /titan/set/Handles/ErrorState
```

Handles.HandlesHeldover

Force console to hold over handles for all handle groups.

```
MACRO
ActionScript.SetProperty(Handles.HandlesHeldover,[value])
HTTP
http://[ip]:4430/titan/get/Handles/HandlesHeldover
HTTP
POST /titan/set/Handles/HandlesHeldover
```

Handles.Move.SwapIfRequired

Gets or sets whether items are swapped during a move operation.

```
MACRO
ActionScript.SetProperty(Handles.Move.SwapIfRequired,[value])
HTTP
http://[ip]:4430/titan/get/Handles/Move/SwapIfRequired
HTTP
POST /titan/set/Handles/Move/SwapIfRequired
```

Handles.OperationMode

The current copy operation, copy or move

```
MACRO
ActionScript.SetProperty(Handles.OperationMode,[value])
HTTP
http://[ip]:4430/titan/get/Handles/OperationMode
HTTP
POST /titan/set/Handles/OperationMode
```

Handles.PendingHalo

Gets or sets the pending halo colour used by set legend.

```
MACRO
ActionScript.SetProperty(Handles.PendingHalo,[value])
```

HTTP

http://[ip]:4430/titan/get/Handles/PendingHalo

HTTP

POST /titan/set/Handles/PendingHalo

Handles.PendingHandle

Gets or sets the pending handle.

MACRO

ActionScript.SetProperty(Handles.PendingHandle,[value])

HTTP

http://[ip]:4430/titan/get/Handles/PendingHandle

HTTP

POST /titan/set/Handles/PendingHandle

Handles.PendingIcon

Gets or sets the pending icon value used by set legend.

MACRO

ActionScript.SetProperty(Handles.PendingIcon,[value])

HTTP

http://[ip]:4430/titan/get/Handles/PendingIcon

HTTP

POST /titan/set/Handles/PendingIcon

Handles.PendingLegend

The legend to be applied to the next legended item

MACRO

ActionScript.SetProperty(Handles.PendingLegend,[value])

HTTP

http://[ip]:4430/titan/get/Handles/PendingLegend

HTTP

POST /titan/set/Handles/PendingLegend

Handles.PendingNotes

The notes to be applied to the next item

MACRO

ActionScript.SetProperty(Handles.PendingNotes,[value])

HTTP

http://[ip]:4430/titan/get/Handles/PendingNotes

HTTP

POST /titan/set/Handles/PendingNotes

Handles.RetainPattern

Gets or sets a value indicating whether to retain the layout pattern (holes) when copying and moving or whether to bunch the items up.

MACRO

ActionScript.SetProperty(Handles.RetainPattern,[value])

HTTP

http://[ip]:4430/titan/get/Handles/RetainPattern

HTTP

POST /titan/set/Handles/RetainPattern

Handles.SourceHandle

Gets or sets the source handle used for handle operations.

MACRO

ActionScript.SetProperty(Handles.SourceHandle,[value])

```

HTTP
http://[ip]:4430/titan/get/Handles/SourceHandle
HTTP
POST /titan/set/Handles/SourceHandle

```

Handles.SourceHandle.CanBeReleased

Gets or sets the handle context message.

```

MACRO
ActionScript.SetProperty(Handles.SourceHandle.CanBeReleased,[value])
HTTP
http://[ip]:4430/titan/get/Handles/SourceHandle/CanBeReleased
HTTP
POST /titan/set/Handles/SourceHandle/CanBeReleased

```

Handles.SourceHandle.Empty

Gets or sets whether the current is empty or not.

```

MACRO
ActionScript.SetProperty(Handles.SourceHandle.Empty,[value])
HTTP
http://[ip]:4430/titan/get/Handles/SourceHandle/Empty
HTTP
POST /titan/set/Handles/SourceHandle/Empty

```

Handles.SourceHandle.LockState

Gets or sets the lock state of the current source handle.

```

MACRO
ActionScript.SetProperty(Handles.SourceHandle.LockState,[value])
HTTP
http://[ip]:4430/titan/get/Handles/SourceHandle/LockState
HTTP
POST /titan/set/Handles/SourceHandle/LockState

```

Handles.SyncPagesWithTitan

```

MACRO
ActionScript.SetProperty(Handles.SyncPagesWithTitan,[value])
HTTP
http://[ip]:4430/titan/get/Handles/SyncPagesWithTitan
HTTP
POST /titan/set/Handles/SyncPagesWithTitan

```

Handles.Unfold.Active

Gets or sets whether an unfold operation is currently active.

```

MACRO
ActionScript.SetProperty(Handles.Unfold.Active,[value])
HTTP
http://[ip]:4430/titan/get/Handles/Unfold/Active
HTTP
POST /titan/set/Handles/Unfold/Active

```

Handles.Unfold.IsGroupUnfoldedOnPresets

```

MACRO
ActionScript.SetProperty(Handles.Unfold.IsGroupUnfoldedOnPresets,[value])

```

HTTP
http://[ip]:4430/titan/get/Handles/Unfold/IsGroupUnfoldedOnPresets
HTTP
POST /titan/set/Handles/Unfold/IsGroupUnfoldedOnPresets

3.25 Help

3.25.1 Help Methods

Help.Open

MACRO
Void Open()
HTTP
http://[ip]:4430/titan/script/Help/Open

Help.OpenKeyword

MACRO
Void OpenKeyword(System.String)
HTTP
http://[ip]:4430/titan/script/Help/OpenKeyword

Help.OpenRoot

MACRO
Void OpenRoot()
HTTP
http://[ip]:4430/titan/script/Help/OpenRoot

Help.OpenTopic

MACRO
Void OpenTopic(System.String)
HTTP
http://[ip]:4430/titan/script/Help/OpenTopic

Help.OpenTopicId

MACRO
Void OpenTopicId(Int32)
HTTP
http://[ip]:4430/titan/script/Help/OpenTopicId

Help.Stack.Open

MACRO
Void StackOpen(System.String)
HTTP
http://[ip]:4430/titan/script/Help/Stack/Open

3.25.2 Help Properties

Help.Available

MACRO
ActionScript.SetProperty(Help.Available,[value])
HTTP
http://[ip]:4430/titan/get/Help/Available
HTTP
POST /titan/set/Help/Available

3.26 History

3.26.1 History Methods

History.CreateRestorePoint

Creates the restore point.

```
MACRO
Void CreateRestorePoint(System.String)
HTTP
http://[ip]:4430/titan/script/History/CreateRestorePoint
```

Parameters

type: The type specified as a string. This should be one of

History.CreateThreadToken

Creates a token for a number of operations in one thread.

```
MACRO
Avolites.Titan.Controllers.Session.AutoThreadTraceToken
CreateThreadToken(System.String)
HTTP
http://[ip]:4430/titan/script/History/CreateThreadToken
```

Parameters

description: The description.

History.GotoTransaction

Trys to go to a specific transaction by undoing or redoing multiple times.

```
MACRO
Void GotoTransaction(System.Guid)
HTTP
http://[ip]:4430/titan/script/History/GotoTransaction
```

Parameters

id: The id.

History.Redo

Restores a previously undone item.

```
MACRO
Void Redo()
HTTP
http://[ip]:4430/titan/script/History/Redo
```

History.Undo

Restores to the last point in the undo history.

```
MACRO
Void Undo()
HTTP
http://[ip]:4430/titan/script/History/Undo
```

3.26.2 History Properties

History.DisableUndoProgrammer

```
MACRO
ActionScript.SetProperty(History.DisableUndoProgrammer,[value])
HTTP
http://[ip]:4430/titan/get/History/DisableUndoProgrammer
```



```
HTTP
POST /titan/set/History/DisableUndoProgrammer
```

3.27 Icons

3.27.1 Icons Methods

Icons.GetCurrentIconId

Gets the current icon id. This is the id of any icon created in the keyboard.

```
MACRO
Void GetCurrentIconId(System.String)
HTTP
http://[ip]:4430/titan/script/Icons/GetCurrentIconId
```

Parameters

propertyId: The property id.

Icons.SetCurrentIconId

Sets the current icon id. This tells the keyboard to open this icon.

```
MACRO
Void SetCurrentIconId(System.String)
HTTP
http://[ip]:4430/titan/script/Icons/SetCurrentIconId
```

Parameters

iconId: The icon id.

Icons.StoreIcon

Stores an icon from the local console into the current Titan show

```
MACRO
Void StoreIcon(System.String, System.String)
HTTP
http://[ip]:4430/titan/script/Icons/StoreIcon
```

Parameters

iconId: The string (GUID) icon id.

propertyId: The id of a property to place the newly stored icon titan id in.

3.28 Include

3.28.1 Include Methods

Include.EnterAdvancedMenu

Entering the advanced menu. Set up the mask and fixtures

```
MACRO
Void EnterAdvancedMenu()
HTTP
http://[ip]:4430/titan/script/Include/EnterAdvancedMenu
```

Include.IncludeAdvanced

Full include

```
MACRO
Void IncludePlayback()
HTTP
http://[ip]:4430/titan/script/Include/IncludeAdvanced
```

Include.IncludePlaybackCue

Includes the specified playback cue. This can be called outside of the Include menu and does not follow the settings in that menu.

MACRO

Void IncludePlaybackCue(Int32, Int32)

HTTP

http://[ip]:4430/titan/script/Include/IncludePlaybackCue

Parameters

playbackId: The playback identifier.
cueId: The cue identifier.

Include.LeaveAdvancedMenu

Reset the fixture selection

MACRO

Void LeaveAdvancedMenu()

HTTP

http://[ip]:4430/titan/script/Include/LeaveAdvancedMenu

Include.SelectKeyFrame

Selects a key frame to include.

MACRO

Void SelectKeyFrame(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Include/SelectKeyFrame

Parameters

handle: The key frame handle.

Include.SelectPlayback

Select a playback to include by pressing a select button

MACRO

Void SelectPlayback(System.String, Int32)

HTTP

http://[ip]:4430/titan/script/Include/SelectPlayback

Parameters

group: Button group
index: Button index

Include.SelectPlaybackCue

Selects a cue to include from the cue handle.

MACRO

Void
 SelectPlaybackCue(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Include/SelectPlaybackCue

Parameters

handle: The cue handle to be included.

Include.SelectPlaybackHandle

Select a playback to include by pressing a select button

MACRO

Void SelectPlayback(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Include/SelectPlaybackHandle

Parameters

handle: The handle.

Include.SelectStep

Try and select the current step

MACRO

```
Void SelectStep()
```

HTTP

```
http://[ip]:4430/titan/script/Include/SelectStep
```

Include.StepNumberChanged

The current step number has changed. Show the select button if it's a valid step

MACRO

```
Void StepNumberChanged()
```

HTTP

```
http://[ip]:4430/titan/script/Include/StepNumberChanged
```

3.28.2 Include Properties**Include.AdvancedMode**

MACRO

```
ActionScript.SetProperty(Include.AdvancedMode, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Include/AdvancedMode
```

HTTP

```
POST /titan/set/Include/AdvancedMode
```

Include.MaxAvailableStepNumber

The maximum available chase or cuelist step number

MACRO

```
ActionScript.SetProperty(Include.MaxAvailableStepNumber, [value]
)
```

HTTP

```
http://[ip]:4430/titan/get/Include/MaxAvailableStepNumber
```

HTTP

```
POST /titan/set/Include/MaxAvailableStepNumber
```

Include.MinAvailableStepNumber

The minimum available chase or cuelist step number

MACRO

```
ActionScript.SetProperty(Include.MinAvailableStepNumber, [value]
)
```

HTTP

```
http://[ip]:4430/titan/get/Include/MinAvailableStepNumber
```

HTTP

```
POST /titan/set/Include/MinAvailableStepNumber
```

Include.SelectedPlayback

Gets or sets the selected playback.

MACRO

```
ActionScript.SetProperty(Include.SelectedPlayback, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Include/SelectedPlayback
```

```
HTTP
POST /titan/set/Include/SelectedPlayback
```

Include.StepNumber

The current selected chase or cue list step number

```
MACRO
ActionScript.SetProperty(Include.StepNumber,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Include/StepNumber
```

```
HTTP
POST /titan/set/Include/StepNumber
```

Include.StepNumberIsValid

Gets or sets a value indicating whether the supplied step number is valid.

```
MACRO
ActionScript.SetProperty(Include.StepNumberIsValid,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Include/StepNumberIsValid
```

```
HTTP
POST /titan/set/Include/StepNumberIsValid
```

3.29 Keyboard

3.29.1 Keyboard Methods

Keyboard.CopyTextToClipboard

Copies text to the clipboard.

```
MACRO
Void CopyTextToClipboard(System.String)
```

```
HTTP
http://[ip]:4430/titan/script/Keyboard/CopyTextToClipboard
```

Keyboard.CopyToClipboard

Copies the current input text to the clipboard.

```
MACRO
Void CopyToClipboard()
```

```
HTTP
http://[ip]:4430/titan/script/Keyboard/CopyToClipboard
```

Keyboard.CutToClipboard

Cuts the current input text to the clipboard.

```
MACRO
Void CutToClipboard()
```

```
HTTP
http://[ip]:4430/titan/script/Keyboard/CutToClipboard
```

Keyboard.GrabKeyboard

Determines whether the application should grab the keyboard.

```
MACRO
Boolean GrabKeyboard(Boolean)
```

```
HTTP
http://[ip]:4430/titan/script/Keyboard/GrabKeyboard
```

Parameters

pcEditorMode: Whether the PCEditorMode property is set.

Keyboard.IsPictureTextboxFocused

Determines whether a picture textbox is focused.

MACRO
Boolean IsPictureTextboxFocused()
HTTP
http://[ip]:4430/titan/script/Keyboard/IsPictureTextboxFocused

Keyboard.PasteFromClipboard

Pastes text from the clipboard to the current input text field.

MACRO
Void PasteFromClipboard()
HTTP
http://[ip]:4430/titan/script/Keyboard/PasteFromClipboard

Keyboard.PasteTextFromClipboard

Pastes text from the clipboard to the specified menu property.

MACRO
Void PasteTextFromClipboard(System.String)
HTTP
http://[ip]:4430/titan/script/Keyboard/PasteTextFromClipboard

Keyboard.ShowKeyboard

Sets the keyboard visibility.

MACRO
Void SetKeyboardVisibleKey(System.String)
HTTP
http://[ip]:4430/titan/script/Keyboard/ShowKeyboard

Parameters

keyboardOpenCommand: String version of one of

3.29.2 Keyboard Properties**Keyboard.Numeric.InputValue**

The current value of the numeric input.

MACRO
ActionScript.SetProperty(Keyboard.Numeric.InputValue,[value])
HTTP
http://[ip]:4430/titan/get/Keyboard/Numeric/InputValue
HTTP
POST /titan/set/Keyboard/Numeric/InputValue

3.30 KeyFrameShapeFixtureSelection**3.30.1 KeyFrameShapeFixtureSelection Methods****KeyFrameShapeFixtureSelection.AllowAllFixtures**

Allow all fixtures to be selected again

MACRO
Void ClearRestrictedSelection()
HTTP
http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/AllowAllFixtures

KeyFrameShapeFixtureSelection.Clear

Clears the current selection but not Titan's programmer

MACRO

Void Clear()

HTTP

http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/Clear

KeyFrameShapeFixtureSelection.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

MACRO

Void ClearSelectionPattern()

HTTP

http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/ClearPatternSelect

KeyFrameShapeFixtureSelection.GetSelectedFixtures

Gets the selected fixture handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedFixtures(System.String)

HTTP

http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/GetSelectedFixtures

Parameters

menuProperty: The menu property.

KeyFrameShapeFixtureSelection.GetSelectedHandles

Gets the selected handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedHandles(System.String)

HTTP

http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/GetSelectedHandles

Parameters

menuProperty: The menu property.

KeyFrameShapeFixtureSelection.HighlightSelectedHandles

Sets the handles of all the selected fixtures to highlight so their LEDs pulse. Use ClearAllHighlights() to cancel this.

MACRO

Void HighlightSelectedHandles()

HTTP

http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/HighlightSelectedHandles

KeyFrameShapeFixtureSelection.InvertPattern

Inverts the currently active pattern if there is one.

MACRO

Void InvertPattern()

HTTP

http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/InvertPattern

KeyFrameShapeFixtureSelection.PatternJumpNext

Jumps the selection Pattern right by the length of the pattern

MACRO

Void PatternJumpNext()

HTTP

http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/PatternJumpNext

KeyFrameShapeFixtureSelection.PatternJumpPrevious

Jumps the selection Pattern left by the length of the pattern

MACRO

Void PatternJumpPrevious()

HTTP

http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/PatternJumpPrevious

KeyFrameShapeFixtureSelection.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternNext()

HTTP

http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/PatternNext

KeyFrameShapeFixtureSelection.PatternPrevious

Moves the selection pattern one place to the left If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternPrevious()

HTTP

http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/PatternPrevious

KeyFrameShapeFixtureSelection.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

MACRO

Void PreviewClear()

HTTP

http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/PreviewClear

KeyFrameShapeFixtureSelection.PreviewSelectFixtures

MACRO

Void PreviewSelectFixtures(System.String, System.Collections.Generic.List`1[System.Int32])

HTTP

http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/PreviewSelectFixtures

KeyFrameShapeFixtureSelection.PreviewSetNewHandleSelection

MACRO

Void PreviewSetNewSelection(System.Collections.Generic.IEnumerable`1 [Avolites.Titan.Controllers.Handles.Handle])

HTTP

```
http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/PreviewSetNewHandleSelection
```

KeyFrameShapeFixtureSelection.SelectFixture

Selects a fixture by handle.

MACRO

```
Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/SelectFixture
```

Parameters

handle: The handle.

KeyFrameShapeFixtureSelection.SelectFixtures

MACRO

```
Void SelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/SelectFixtures
```

KeyFrameShapeFixtureSelection.SelectFixturesWithTitanIds

MACRO

```
Void
SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerable`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/SelectFixturesWithTitanIds
```

KeyFrameShapeFixtureSelection.SetNewHandleSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/SetNewHandleSelection
```

KeyFrameShapeFixtureSelection.SetNewSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.FixtureHandle])
```

HTTP

```
http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/SetNewSelection
```

KeyFrameShapeFixtureSelection.StartNewSelection

Sets the start new selection mode to true.

MACRO

```
Void SetStartNewSelection()
```

HTTP

```
http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/StartNewSelection
```


KeyFrameShapeFixtureSelection.ValidateFixturesSelected

Throws an error which can be displayed in the menu to prompt the user that no fixtures are selected. You can call this function to determine whether fixtures are selected in menus that require a selection.

MACRO

```
Void ValidateFixturesSelected()
```

HTTP

```
http://[ip]:4430/titan/script/KeyFrameShapeFixtureSelection/ValidateFixturesSelected
```

3.30.2 KeyFrameShapeFixtureSelection Properties**KeyFrameShapeFixtureSelection.ContextFixtureHandle**

The context fixture is the last fixture which was selected. This fixture is used to determine which attribute controls are displayed to the user.

MACRO

```
ActionScript.SetProperty(KeyFrameShapeFixtureSelection.ContextFixtureHandle,[value])
```

HTTP

```
http://[ip]:4430/titan/get/KeyFrameShapeFixtureSelection/ContextFixtureHandle
```

HTTP

```
POST /titan/set/KeyFrameShapeFixtureSelection/ContextFixtureHandle
```

KeyFrameShapeFixtureSelection.Empty

MACRO

```
ActionScript.SetProperty(KeyFrameShapeFixtureSelection.Empty,[value])
```

HTTP

```
http://[ip]:4430/titan/get/KeyFrameShapeFixtureSelection/Empty
```

HTTP

```
POST /titan/set/KeyFrameShapeFixtureSelection/Empty
```

KeyFrameShapeFixtureSelection.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

MACRO

```
ActionScript.SetProperty(KeyFrameShapeFixtureSelection.PatternSelect,[value])
```

HTTP

```
http://[ip]:4430/titan/get/KeyFrameShapeFixtureSelection/PatternSelect
```

HTTP

```
POST /titan/set/KeyFrameShapeFixtureSelection/PatternSelect
```

KeyFrameShapeFixtureSelection.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

MACRO

```
ActionScript.SetProperty(KeyFrameShapeFixtureSelection.RepeatPattern,[value])
```

```

HTTP
http://[ip]:4430/titan/get/KeyFrameShapeFixtureSelection/Repeat
Pattern
HTTP
POST /titan/set/KeyFrameShapeFixtureSelection/RepeatPattern

```

3.31 KeyFrameShapes

3.31.1 KeyFrameShapes Methods

KeyFrameShapes.GetHandle

Gets the handle for a supplied key frame titan ID. If the handle does not exist, it is created.

```

MACRO
Avolites.Titan.Controllers.Handles.Custom.KeyFrameShapeHandle
GetHandle(Int32)
HTTP
http://[ip]:4430/titan/script/KeyFrameShapes/GetHandle

```

Parameters

effectId: The shape ID.

Returns

A key frame shape handle.

3.31.2 KeyFrameShapes Properties

KeyFrameShapes.AutoLocate

```

MACRO
ActionScript.SetProperty(KeyFrameShapes.AutoLocate,[value])
HTTP
http://[ip]:4430/titan/get/KeyFrameShapes/AutoLocate
HTTP
POST /titan/set/KeyFrameShapes/AutoLocate

```

KeyFrameShapes.RecordMode

```

MACRO
ActionScript.SetProperty(KeyFrameShapes.RecordMode,[value])
HTTP
http://[ip]:4430/titan/get/KeyFrameShapes/RecordMode
HTTP
POST /titan/set/KeyFrameShapes/RecordMode

```

3.32 Macros

3.32.1 Macros Methods

Macros.BeginRun

Runs the macro with the given id in a new thread.

```

MACRO
Void BeginRunMacro(System.String)
HTTP
http://[ip]:4430/titan/script/Macros/BeginRun

```

Parameters

macroId: The id of the macro to run.

Macros.Run

Runs the macro with the given id in the same thread.

MACRO

```
Boolean RunMacro(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Macros/Run
```

Parameters

macroId: The id of the macro to run.

3.33 Masters**3.33.1 Masters Methods****Masters.AssignMaster**

Assigns a master fader to a vacant handle on the console.

MACRO

```
Void AssignMaster(System.String,  
Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Masters/AssignMaster
```

Parameters

masterType: Type of the master.

handle: The handle to assign the master to.

Masters.BlackOutDesk

blacks out desk sets all intensity outputs to 0

MACRO

```
Void BlackOutDesk(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Masters/BlackOutDesk
```

Parameters

deskBlackOutState: when true desk is blacked out

Masters.ClearFlash

Clears the flash on a master and resets to the fader level.

MACRO

```
Void ClearFlash(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Masters/ClearFlash
```

Parameters

handle: The handle of the master to clear.

Masters.Commit

Commits the specified handle.

MACRO

```
Void Commit(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Masters/Commit
```

Parameters

handle: The handle.

Masters.CommitExit

Commits the specified handle.

MACRO`Void CommitExit(Avolites.Titan.Controllers.Handles.Handle)`**HTTP**`http://[ip]:4430/titan/script/Masters/CommitExit`**Parameters****handle:** The handle.**Masters.CommitExitTimed**

Commits the timed.

MACRO`Void CommitExitTimed(Avolites.Titan.Controllers.Handles.Handle, Single)`**HTTP**`http://[ip]:4430/titan/script/Masters/CommitExitTimed`**Parameters****handle:** The handle.**fadeTime:** The fade time.**Masters.CommitTimed**

Commits the timed.

MACRO`Void CommitTimed(Avolites.Titan.Controllers.Handles.Handle, Single)`**HTTP**`http://[ip]:4430/titan/script/Masters/CommitTimed`**Parameters****handle:** The handle.**fadeTime:** The fade time.**Masters.ConnectToMaster**

Connects to the master on the given handle.

MACRO`Void ConnectToMaster(Avolites.Titan.Controllers.Handles.Handle)`**HTTP**`http://[ip]:4430/titan/script/Masters/ConnectToMaster`**Parameters****handle:** The handle.**Masters.DeadBlackOut**

Flashes a master to zero. Also known as Dead Black Out.

MACRO`Void DeadBlackOut(Avolites.Titan.Controllers.Handles.Handle)`**HTTP**`http://[ip]:4430/titan/script/Masters/DeadBlackOut`**Parameters****handle:** The handle to flash to zero.**Masters.DisableDisplacementMaster**

Disables the displacement master.

MACRO`Void DisableDisplacementMaster(System.String)`**HTTP**`http://[ip]:4430/titan/script/Masters/DisableDisplacementMaster`

Parameters**master:** The master.**Masters.DisconnectMaster**

Disconnects any connected master.

MACRO

Void DisconnectMaster()

HTTP

http://[ip]:4430/titan/script/Masters/DisconnectMaster

Masters.Effects.AssignLayerMaster

Assigns a Pixel Effect layer master to the specified handle.

MACRO

Void AssignEffectLayerMaster(Int32,
Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Masters/Effects/AssignLayerMaster

Parameters**layer:** The index of the layer.**handle:** The handle to assign the master to.**Masters.EnterABMode**

Enters the ab mode.

MACRO

Void EnterABMode(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Masters/EnterABMode

Parameters**handle:** The handle.**Masters.EnterCommitABMode**

Enters or commits ab mode.

MACRO

Void
EnterCommitABMode(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Masters/EnterCommitABMode

Parameters**handle:** The handle.**Masters.EnterExitDiscard**

Discards the specified handle.

MACRO

Void
EnterExitDiscard(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Masters/EnterExitDiscard

Parameters**handle:** The handle.**Masters.ExitDiscardABMode**

Exits and discards ab mode.

MACRO

Void
ExitDiscardABMode(Avolites.Titan.Controllers.Handles.Handle)

HTTP

[http://\[ip\]:4430/titan/script/Masters/ExitDiscardABMode](http://[ip]:4430/titan/script/Masters/ExitDiscardABMode)

Parameters

handle: The handle.

Masters.Flash

Flashes the master to full.

MACRO

Void Flash(Avolites.Titan.Controllers.Handles.Handle)

HTTP

[http://\[ip\]:4430/titan/script/Masters/Flash](http://[ip]:4430/titan/script/Masters/Flash)

Parameters

handle: The handle for the master to flash.

Masters.FlashLevel

MACRO

Void FlashLevel(System.Nullable`1[System.Single], Single)

HTTP

[http://\[ip\]:4430/titan/script/Masters/FlashLevel](http://[ip]:4430/titan/script/Masters/FlashLevel)

Masters.IncrementConnectedMasterSpeed

Increments the ConnectedMasterSpeed.

MACRO

Void IncrementConnectedMasterSpeed(Single, Single)

HTTP

[http://\[ip\]:4430/titan/script/Masters/IncrementConnectedMasterSpeed](http://[ip]:4430/titan/script/Masters/IncrementConnectedMasterSpeed)

Parameters

speed: The speed value.

acceleration: Multiplier for update speed.

Masters.IncrementConnectedMasterXFade

Increments the ConnectedMasterXFade.

MACRO

Void IncrementConnectedMasterXFade(Single, Single)

HTTP

[http://\[ip\]:4430/titan/script/Masters/IncrementConnectedMasterXFade](http://[ip]:4430/titan/script/Masters/IncrementConnectedMasterXFade)

Parameters

xFade: The xFade value.

acceleration: Multiplier for update speed.

Masters.IncrementMasterLevel

Increments the master level.

MACRO

Void IncrementMasterLevel(System.String, Int32, Single)

HTTP

[http://\[ip\]:4430/titan/script/Masters/IncrementMasterLevel](http://[ip]:4430/titan/script/Masters/IncrementMasterLevel)

Parameters

group: The group.

index: The index.

delta: The delta.

Masters.IncrementWheelParameter

Increments the master properties attached to the wheels.

MACRO

Void IncrementWheelParameter(Int32, Single)

HTTP

http://[ip]:4430/titan/script/Masters/IncrementWheelParameter

Parameters

wheelIndex: The wheel index.

value: The value.

Masters.IncrementWheelParameterFast

Increments the master properties attached to the wheels quickly.

MACRO

Void IncrementWheelParameterFast(Int32, Single)

HTTP

http://[ip]:4430/titan/script/Masters/IncrementWheelParameterFast

Parameters

wheelIndex: The wheel index.

value: The value.

Masters.Latch

Toggles the master on and off.

MACRO

Void Latch(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Masters/Latch

Parameters

handle: The master containing the handle to latch.

Masters.NudgeDown

Takes 5% from the current master level.

MACRO

Void NudgeDown(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Masters/NudgeDown

Parameters

handle: The handle containing the master to decrement.

Masters.NudgeUp

Adds 5% to the current master value.

MACRO

Void NudgeUp(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Masters/NudgeUp

Parameters

handle: The handle containing the master to increment.

Masters.PlaybackFlash

Set the playback master to the flash level

MACRO

Void PlaybackFlash()

HTTP

http://[ip]:4430/titan/script/Masters/PlaybackFlash

Masters.PlaybackLevel

MACRO
Void PlaybackLevel(System.Nullable`1[System.Single], Single, Boolean)
HTTP
http://[ip]:4430/titan/script/Masters/PlaybackLevel

Masters.PlaybackSwop

Set the playback master to the swop level

MACRO
Void PlaybackSwop()
HTTP
http://[ip]:4430/titan/script/Masters/PlaybackSwop

Masters.PresetFlash

Set the preset master to the flash level

MACRO
Void PresetFlash()
HTTP
http://[ip]:4430/titan/script/Masters/PresetFlash

Masters.PresetLevel

MACRO
Void PresetLevel(System.Nullable`1[System.Single], Single, Boolean)
HTTP
http://[ip]:4430/titan/script/Masters/PresetLevel

Masters.PresetSwop

Set the preset master to the swop level

MACRO
Void PresetSwop()
HTTP
http://[ip]:4430/titan/script/Masters/PresetSwop

Masters.ResetAllMasters

Resets all masters currently assigned

MACRO
Void ResetAllMasters()
HTTP
http://[ip]:4430/titan/script/Masters/ResetAllMasters

Masters.ResetMaster

Resets the master levels to their default values

MACRO
Void ResetMaster(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Masters/ResetMaster

Parameters**handle:** The master handle**Masters.Restore**

Restore the Preset and playback masters to their fader levels

MACRO
Void Restore()

HTTP

http://[ip]:4430/titan/script/Masters/Restore

Masters.SetConnectedMasterSpeed

Set the ConnectedMasterSpeed to the given value.

MACRO

Void SetConnectedMasterSpeed(Single)

HTTP

http://[ip]:4430/titan/script/Masters/SetConnectedMasterSpeed

Parameters

speed: The speed value to set to.

Masters.SetConnectedMasterXFade

Set the ConnectedMasterXFade to the given value.

MACRO

Void SetConnectedMasterXFade(Single, Boolean)

HTTP

http://[ip]:4430/titan/script/Masters/SetConnectedMasterXFade

Parameters

xFade: The xFade value to set to.

scaled: Whether the given value is scaled or not.

Masters.SetContext

Sets the context for assigning a master fader. Alters the context string and sets the relevant intensity master's handle to the context handle for menu displays.

MACRO

Void SetContext(System.String)

HTTP

http://[ip]:4430/titan/script/Masters/SetContext

Parameters

context: The context.

Masters.SetGrandMasterFaderLevel

MACRO

Void SetGrandMasterFaderLevel(System.Nullable`1[System.Single], Single)

HTTP

http://[ip]:4430/titan/script/Masters/SetGrandMasterFaderLevel

Masters.SetMaster

Sets the level of the master on the given handle.

MACRO

Void SetMasterLevel(Avolites.Titan.Controllers.Handles.Handle, Single)

HTTP

http://[ip]:4430/titan/script/Masters/SetMaster

Parameters

handle: The handle to set the level for.

value: The new value of the master.

Masters.SetMasterGroupId

Sets the master group identifier.

MACRO

Void SetMasterGroupId(System.String)

HTTP

[http://\[ip\]:4430/titan/script/Masters/SetMasterGroupId](http://[ip]:4430/titan/script/Masters/SetMasterGroupId)**Parameters****master:** The master.**Masters.SetMasterLevel**

Sets a master level from a fader move.

MACRO

```
Void SetMasterLevel(System.String, Int32,
Avolites.Menus.Maths.LevelAdjust, Single, Boolean)
```

HTTP

[http://\[ip\]:4430/titan/script/Masters/SetMasterLevel](http://[ip]:4430/titan/script/Masters/SetMasterLevel)**Parameters****group:** The group.**index:** The index.**value:** The value.**accuracy:** The accuracy.**initialise:** if set to**Masters.SetSpeed**

Sets the speed of a speed master from the menu.

MACRO

```
Void SetSpeed(Avolites.Titan.Controllers.Handles.Handle,
Single)
```

HTTP

[http://\[ip\]:4430/titan/script/Masters/SetSpeed](http://[ip]:4430/titan/script/Masters/SetSpeed)**Parameters****handle:** The handle**value:** Direct numerical value**Masters.SwopLevel**

MACRO

```
Void SwopLevel(System.Nullable`1[System.Single], Single)
```

HTTP

[http://\[ip\]:4430/titan/script/Masters/SwopLevel](http://[ip]:4430/titan/script/Masters/SwopLevel)**Masters.TapTempo**

Sets the speed of the master from the tap speed of a key.

MACRO

```
Void TapTempo(Avolites.Titan.Controllers.Handles.Handle,
System.DateTime)
```

HTTP

[http://\[ip\]:4430/titan/script/Masters/TapTempo](http://[ip]:4430/titan/script/Masters/TapTempo)**Parameters****handle:** The handle containing the speed master to set the speed on.**panelTimeStamp:** The panel time stamp.**3.33.2 Masters Properties****Masters.AutoCommitABMaster**

MACRO

```
ActionScript.SetProperty(Masters.AutoCommitABMaster, [value])
```

HTTP

[http://\[ip\]:4430/titan/get/Masters/AutoCommitABMaster](http://[ip]:4430/titan/get/Masters/AutoCommitABMaster)

```
HTTP
POST /titan/set/Masters/AutoCommitABMaster
```

Masters.AutoInvertABMaster

```
MACRO
ActionScript.SetProperty(Masters.AutoInvertABMaster, [value])
HTTP
http://[ip]:4430/titan/get/Masters/AutoInvertABMaster
HTTP
POST /titan/set/Masters/AutoInvertABMaster
```

Masters.Context

Sets the current context's assigned handle (if any).

```
MACRO
ActionScript.SetProperty(Masters.Context, [value])
HTTP
http://[ip]:4430/titan/get/Masters/Context
HTTP
POST /titan/set/Masters/Context
```

Masters.ContextDescription

Gets or sets the description of the current context.

```
MACRO
ActionScript.SetProperty(Masters.ContextDescription, [value])
HTTP
http://[ip]:4430/titan/get/Masters/ContextDescription
HTTP
POST /titan/set/Masters/ContextDescription
```

Masters.ContextString

```
MACRO
ActionScript.SetProperty(Masters.ContextString, [value])
HTTP
http://[ip]:4430/titan/get/Masters/ContextString
HTTP
POST /titan/set/Masters/ContextString
```

Masters.DisplacementMasterEnabled

Gets or sets the master enabled in the menu.

```
MACRO
ActionScript.SetProperty(Masters.DisplacementMasterEnabled, [value])
HTTP
http://[ip]:4430/titan/get/Masters/DisplacementMasterEnabled
HTTP
POST /titan/set/Masters/DisplacementMasterEnabled
```

Masters.Edit.Scale

Gets or sets the scale of the master being edited.

```
MACRO
ActionScript.SetProperty(Masters.Edit.Scale, [value])
HTTP
http://[ip]:4430/titan/get/Masters/Edit/Scale
HTTP
POST /titan/set/Masters/Edit/Scale
```

Masters.ErrorMessage

Gets the string displayed in the caption area to the user. Constant.

MACRO

```
ActionScript.SetProperty(Masters.ErrorMessage, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Masters/ErrorMessage
```

HTTP

```
POST /titan/set/Masters/ErrorMessage
```

Masters.ErrorState

Gets or sets a value indicating whether an error has occurred whilst trying to set a master handle.

MACRO

```
ActionScript.SetProperty(Masters.ErrorState, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Masters/ErrorState
```

HTTP

```
POST /titan/set/Masters/ErrorState
```

Masters.GrandMasterEnabled

Gets or sets the value for property that indicates GrandMaster function

MACRO

```
ActionScript.SetProperty(Masters.GrandMasterEnabled, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Masters/GrandMasterEnabled
```

HTTP

```
POST /titan/set/Masters/GrandMasterEnabled
```

Masters.GrandMasterOutputLevel

the actual intensity output level of the grandmaster sets the flag whether or not the intensity output value is critically low to true or false this flag maybe used for indicating to the that the desk is blacked out

MACRO

```
ActionScript.SetProperty(Masters.GrandMasterOutputLevel, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Masters/GrandMasterOutputLevel
```

HTTP

```
POST /titan/set/Masters/GrandMasterOutputLevel
```

Masters.IsDeskBlackedOut

MACRO

```
ActionScript.SetProperty(Masters.IsDeskBlackedOut, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Masters/IsDeskBlackedOut
```

HTTP

```
POST /titan/set/Masters/IsDeskBlackedOut
```

Masters.IsGrandMasterIntensityCriticallyLow

Active when the grand master intensity output is below the critical output value. When active the user should be warned.

```

MACRO
ActionScript.SetProperty(Masters.IsGrandMasterIntensityCritical
lyLow,[value])
HTTP
http://[ip]:4430/titan/get/Masters/IsGrandMasterIntensityCritic
allyLow
HTTP
POST /titan/set/Masters/IsGrandMasterIntensityCriticallyLow

```

Masters.IsMasterConnected

Whether a master is connected or not.

```

MACRO
ActionScript.SetProperty(Masters.IsMasterConnected,[value])
HTTP
http://[ip]:4430/titan/get/Masters/IsMasterConnected
HTTP
POST /titan/set/Masters/IsMasterConnected

```

Masters.SelectedMaster

Gets or sets the master that is currently being edited.

```

MACRO
ActionScript.SetProperty(Masters.SelectedMaster,[value])
HTTP
http://[ip]:4430/titan/get/Masters/SelectedMaster
HTTP
POST /titan/set/Masters/SelectedMaster

```

3.34 Math

3.34.1 Math Methods

Math.AbsoluteAdjust

Creates an Level Match change instruction. Value is absolute.

```

MACRO
Avolites.Menus.Maths.LevelAdjust AbsoluteAdjust(Single)
HTTP
http://[ip]:4430/titan/script/Math/AbsoluteAdjust

```

Parameters

newLevel: The new level.

Returns

A LevelAdjust object for an absolute value.

Math.Add

Adds two values together and saves the result in a property.

```

MACRO
Void Add(System.String, System.Object, System.Object)
HTTP
http://[ip]:4430/titan/script/Math/Add

```

Parameters

result: The property to save the result of the operation in.

x: The value to add to y.

y: The value to add to x.

Math.Cast.ToDouble

Returns an object cast to a double. An exception will be thrown if the cast is invalid

MACRO

Double CastToDouble(System.Object)

HTTP

http://[ip]:4430/titan/script/Math/Cast/ToDouble

Parameters

value: The value.

Math.Cast.ToInteger

Returns an object cast to an integer. An exception will be thrown if the cast is invalid

MACRO

Int32 ToInteger(System.Object)

HTTP

http://[ip]:4430/titan/script/Math/Cast/ToInteger

Parameters

value: The value.

Math.Cast.ToSingle

Returns an object cast to a float. An exception will be thrown if the cast is invalid

MACRO

Single CastToFloat(System.Object)

HTTP

http://[ip]:4430/titan/script/Math/Cast/ToSingle

Parameters

value: The value.

Math.Cast.ToString

Returns an object cast to a string. An exception will be thrown if the cast is invalid

MACRO

System.String CastToString(System.Object)

HTTP

http://[ip]:4430/titan/script/Math/Cast/ToString

Parameters

value: The value.

Math.DeltaAdjust

Creates an delta level change instruction.

MACRO

Avolites.Menus.Maths.LevelAdjust DeltaAdjust(Single, Single, Boolean)

HTTP

http://[ip]:4430/titan/script/Math/DeltaAdjust

Parameters

delta: The delta.

speed: The speed multiplier.

scaleLevel: if set to

Returns

A LevelAdjust object for delta level changes.

Math.Equal

Checks whether two values are equal and saves the result in a property.

MACRO

```
Void Equal(System.String, System.Object, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Math/Equal
```

Parameters

result: The property to save the result of the operation in.

x: The value to compare with y.

y: The value to compare with x.

Math.GreaterThan

Checks whether one value is greater than another and saves the result in a property.

MACRO

```
Void GreaterThan(System.String, System.Object, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Math/GreaterThan
```

Parameters

result: The property to save the result of the operation in.

x: The value to compare with y.

y: The value to compare with x.

Math.InvokeDelegate

Invokes a supplied parameterless delegate.

MACRO

```
Void InvokeDelegate(System.Action)
```

HTTP

```
http://[ip]:4430/titan/script/Math/InvokeDelegate
```

Parameters

command: The command.

Math.InvokeDoubleDelegate

MACRO

```
Void InvokeDoubleDelegate(System.Action`1[System.Double],  
Double)
```

HTTP

```
http://[ip]:4430/titan/script/Math/InvokeDoubleDelegate
```

Math.InvokeIntegerDelegate

MACRO

```
Void InvokeIntegerDelegate(System.Action`1[System.Int32],  
Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Math/InvokeIntegerDelegate
```

Math.InvokeStringDelegate

MACRO

```
Void InvokeStringDelegate(System.Action`1[System.String],  
System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Math/InvokeStringDelegate
```

Math.InvokeWheelDoubleDelegate

MACRO
Void InvokeWheelDoubleDelegate(System.Action`4[System.Double,System.Int32,System.Boolean,System.Double], Double, Int32, Boolean, Double)
HTTP
http://[ip]:4430/titan/script/Math/InvokeWheelDoubleDelegate

Math.InvokeWheelIntegerDelegate

MACRO
Void InvokeWheelIntegerDelegate(System.Action`2[System.Int32,System.Int32], Int32, Int32)
HTTP
http://[ip]:4430/titan/script/Math/InvokeWheelIntegerDelegate

Math.IsEnumEqual

returns whether or not the object is set to given enum value

MACRO
Boolean EnumEqual(System.Object, System.String)
HTTP
http://[ip]:4430/titan/script/Math/IsEnumEqual

Parameters

x: object
enumValue: given enum value

Returns

true when equal

Math.IsEnumNotEqual

returns whether or not the object is set to given enum value

MACRO
Boolean EnumNotEqual(System.Object, System.String)
HTTP
http://[ip]:4430/titan/script/Math/IsEnumNotEqual

Parameters

x: object
enumValue: given enum value

Returns

true on unequal

Math.IsEqual

Returns whether the two values are equal or not.

MACRO
Boolean Equal(System.Object, System.Object)
HTTP
http://[ip]:4430/titan/script/Math/IsEqual

Parameters

x: The value to compare with y.
y: The value to compare with x.

Returns

True is equal and false otherwise.

Math.IsEqualAndIsEqual

Function that checks two pairs of values are both equal. This isn't very pretty. But until the menu system supports '(A==B)&&(C==D)' This function provides it.

MACRO

```
Boolean EqualAndEqual(System.Object, System.Object,
System.Object, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Math/IsEqualAndIsEqual
```

Parameters

- x1**: The x1.
- y1**: The y1.
- x2**: The x2.
- y2**: The y2.

Math.IsGreaterThan

Carries out a less than compare on two numeric values.

MACRO

```
Boolean GreaterThan(System.Object, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Math/IsGreaterThan
```

Parameters

- x**: The executable.
- y**: The asynchronous.

Math.IsLessThan

Carries out a less than compare on two numeric values.

MACRO

```
Boolean LessThan(System.Object, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Math/IsLessThan
```

Parameters

- x**: The executable.
- y**: The asynchronous.

Math.IsNotEqual

Returns whether the two values are not equal.

MACRO

```
Boolean NotEqual(System.Object, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Math/IsNotEqual
```

Parameters

- x**: First item to compare.
- y**: Second item to compare.

Returns

True if the two values are not equal.

Math.IsNotEqual.Float

Returns whether the two floats are not equal using the precision.

MACRO

```
Boolean NotEqualFloat(System.Object, System.Object,
System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Math/IsNotEqual/Float
```

Parameters

- x**: First item to compare.
- y**: Second item to compare.
- precision**: The precision of the floats.

Returns

True if the two values are not equal.

Math.LevelMatchAdjust

MACRO

```
Avolites.Menus.Maths.LevelAdjust
LevelMatchAdjust(System.Nullable`1[System.Single], Single)
```

HTTP

```
http://[ip]:4430/titan/script/Math/LevelMatchAdjust
```

Math.ListContains

Checks whether the second item is contained in the first element list

MACRO

```
Boolean ListContains(System.Object, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Math/ListContains
```

Parameters

- x**: The value to compare with y.
- y**: The value to compare with x.

Returns

true if it is in the list

Math.Max

Compares two values and saves the highest value in a property.

MACRO

```
Void Max(System.String, System.Object, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Math/Max
```

Parameters

- result**: The property to save the result of the operation in.
- x**: The value to compare with y.
- y**: The value to compare with x.

Math.Min

Compares two values and saves the lowest value in a property.

MACRO

```
Void Min(System.String, System.Object, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Math/Min
```

Parameters

- result**: The property to save the result of the operation in.
- x**: The value to compare with y.
- y**: The value to compare with x.

Math.NotEqual

Checks whether two values are not equal and saves the result in a property.

MACRO

```
Void NotEqual(System.String, System.Object, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Math/NotEqual
```

Parameters

- result**: The property to save the result of the operation in.
- x**: The value to compare with y.
- y**: The value to compare with x.

Math.SplitStringList

Splits the string list.

MACRO

```
System.Collections.Generic.List`1[System.String]
SplitStringList(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Math/SplitStringList
```

Parameters

- list**: The list.

Math.String.EndsWith

Returns whether string x ends with string y

MACRO

```
Boolean EndsWith(System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Math/String/EndsWith
```

Parameters

- x**: The large string.
- y**: The substring candidate.

Math.String.StartsWith

Returns whether string x starts with string y

MACRO

```
Boolean StartsWith(System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Math/String/StartsWith
```

Parameters

- x**: The large string.
- y**: The substring candidate.

Math.Subtract

Subtracts two values from each other and saves the result in a property.

MACRO

```
Void Subtract(System.String, System.Object, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Math/Subtract
```

Parameters

- result**: The property to save the result of the operation in.
- x**: The value which y is subtracted from.
- y**: The value to subtract from x.

Math.ToEnum

Converts a string to an enum.

MACRO

```
System.Enum ToEnum(System.String, System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Math/ToEnum
```

Parameters

assemblyName: Name of the assembly.
typeName: Fully qualified name of the type.
value: The value.

Math.ToIntegerList

Converts a number of values to a list.

```
MACRO
```

```
System.Collections.Generic.List`1[System.Int32]  
ToIntegerList(System.String)
```

```
HTTP
```

```
http://[ip]:4430/titan/script/Math/ToIntegerList
```

Parameters

argList: The argument list.

Returns

A list of integers.

Math.ToString

Returns a that represents this instance.

```
MACRO
```

```
System.String ToString(System.Object)
```

```
HTTP
```

```
http://[ip]:4430/titan/script/Math/ToString
```

Parameters

value: The value.

Returns

A

3.35 Memory

3.35.1 Memory Methods

Memory.Play

Runs the playback for the given handle with no intensity.

```
MACRO
```

```
Void PlayPlayback(Avolites.Titan.Controllers.Handles.Handle)
```

```
HTTP
```

```
http://[ip]:4430/titan/script/Memory/Play
```

Parameters

handle: The handle of the playback to run.

3.36 Menu

3.36.1 Menu Methods

Menu.ClearCurrentMenuFilterText

Clears the menu filter text for the current menu

```
MACRO
```

```
Void ClearMenuFilterText()
```

```
HTTP
```

```
http://[ip]:4430/titan/script/Menu/ClearCurrentMenuFilterText
```

Menu.ClearMenuFilterText

Clears the menu filter text.

MACRO

Void ClearMenuFilterText(System.String)

HTTP

http://[ip]:4430/titan/script/Menu/ClearMenuFilterText

Parameters

menuId: The menu id.

Menu.DoesMenuHaveMenuItemWithId

Asks if the menu have a MenuItem with identifier.

MACRO

Boolean DoesMenuHaveMenuItemWithId(Avolites.Menus.IMenu, System.Object)

HTTP

http://[ip]:4430/titan/script/Menu/DoesMenuHaveMenuItemWithId

Parameters

menu: The menu

itemId: The ID of the item to select the text of

Menu.ErrorReport

Handler for the base Menu Exception. Just displays a message on screen and waits for confirmation.

MACRO

Void ErrorReport(System.String, System.String)

HTTP

http://[ip]:4430/titan/script/Menu/ErrorReport

Parameters

menuId: The ID of a menu to display the error to the user in.

message: Message to display in the prompt.

Menu.ExitRootOrLatched

MACRO

Void ExitRootOrLatched()

HTTP

http://[ip]:4430/titan/script/Menu/ExitRootOrLatched

Menu.GetItemCount

Gets the number of menu items in the current menu

MACRO

Int32 GetItemCount()

HTTP

http://[ip]:4430/titan/script/Menu/GetItemCount

Menu.GetItemTag

Gets the tag object of a menu item.

MACRO

System.Object GetItemTag(Avolites.Menus.MenuItem)

HTTP

http://[ip]:4430/titan/script/Menu/GetItemTag

Parameters

item: The item.

Menu.GotoMenu

Replace the menu on the top of the stack and make it current

MACRO

Void GotoMenu(System.String)

HTTP

[http://\[ip\]:4430/titan/script/Menu/GotoMenu](http://[ip]:4430/titan/script/Menu/GotoMenu)**Parameters****newMenuId:** Menu to add**Menu.HasSingleItem**

Checks the number of items in the current menu

MACRO

Boolean MenuHasSingleItem()

HTTP

[http://\[ip\]:4430/titan/script/Menu/HasSingleItem](http://[ip]:4430/titan/script/Menu/HasSingleItem)**Returns**

True if the current menu has only a single item

Menu.HighlightClear

Sets all the items in the menu to not highlighted

MACRO

Void ClearHighlight()

HTTP

[http://\[ip\]:4430/titan/script/Menu/HighlightClear](http://[ip]:4430/titan/script/Menu/HighlightClear)**Menu.HighlightToggle**

Toggles the highlight flag in the given menu item. The item will then be displayed as highlighted to the user.

MACRO

Void ToggleHighlight(Avolites.Menus.MenuItem)

HTTP

[http://\[ip\]:4430/titan/script/Menu/HighlightToggle](http://[ip]:4430/titan/script/Menu/HighlightToggle)**Parameters****item:** The menu item to toggle the highlight flag on.**Menu.HighlightToggleIdItem**

Toggles the highlight flag in a menu item. The item will then be displayed as highlighted to the user.

MACRO

Void ToggleHighlight(Avolites.Menus.IMenu, System.String)

HTTP

[http://\[ip\]:4430/titan/script/Menu/HighlightToggleIdItem](http://[ip]:4430/titan/script/Menu/HighlightToggleIdItem)**Parameters****menu:** The menu.**itemId:** The item id.**Menu.Icon.SetIconFromProperty**

Menu accessible function for setting the current icon on an icon item. Usually when the property has changed.

MACRO

Void IconItemSetPage(Avolites.Menus.IMenu, System.String)

HTTP

[http://\[ip\]:4430/titan/script/Menu/Icon/SetIconFromProperty](http://[ip]:4430/titan/script/Menu/Icon/SetIconFromProperty)**Parameters****menu:** Menu**itemId:** id of the item

Menu.InjectInput

Inject an input to the menu system. Inputs are button hardware actions such as button presses and fader movements and pseudo actions such as fixture handle press or palette key press

MACRO

```
Void InjectInput(System.String, System.String, System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/InjectInput
```

Parameters

type: Type of the input. (OnButtonDown, OnButtonUp, etc)

id: The id of the input.

group: The panel group or region of the input.

index: The index of the input in that group.

Menu.InjectPanelInput

Inject a panel input to the menu system. Inputs are button hardware actions such as button presses and fader movements and pseudo actions such as fixture handle press or palette key press. This version of the call (cf InjectInput) generates a 'panel' input that will be recorded in macros.

MACRO

```
Void InjectPanelInput(System.String, System.String, System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/InjectPanelInput
```

Parameters

type: Type of the input. (OnButtonDown, OnButtonUp, etc)

id: The id of the input.

group: The panel group or region of the input.

index: The index of the input in that group.

Menu.InjectRangeInput

MACRO

```
Void InjectInput(System.String, System.String, System.String, System.Collections.Generic.List`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Menu/InjectRangeInput
```

Menu.InjectValueChangeInput

Inject an input to the menu system. Inputs a value change event such as a fader move from a macro or the menu system.

MACRO

```
Void InjectValueChangeInput(System.String, System.String, Int32, Single, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/InjectValueChangeInput
```

Parameters

id: The id.

group: The group.

index: The index.

value: The value.

oldValue: The old value.

Menu.LowerToBottom

Moves the specified menu to the bottom of the menu stack.

MACRO

Void LowerToBottom(System.String)

HTTP

http://[ip]:4430/titan/script/Menu/LowerToBottom

Parameters

menuId: The id of the menu to move to the bottom.

Menu.MenuLatchToggle

Toggle the current menu to be latched/unlatched

MACRO

Void ToggleMenuLatched(Avolites.Menus.IMenu)

HTTP

http://[ip]:4430/titan/script/Menu/MenuLatchToggle

Parameters

menu:

Menu.MoveUpLevels

Move up the menu stack the number of levels specified

MACRO

Void MoveUpLevels(Int32)

HTTP

http://[ip]:4430/titan/script/Menu/MoveUpLevels

Menu.NewMainMenu

Throw away the menu stack and start with the new menu

MACRO

Void NewMainMenu(System.String)

HTTP

http://[ip]:4430/titan/script/Menu/NewMainMenu

Parameters

newMenuId: Id of the menu to add

Returns

true on success

Menu.NotImplemented

Throws a not implemented exception.

MACRO

Void NotImplemented()

HTTP

http://[ip]:4430/titan/script/Menu/NotImplemented

Menu.OptionItem.SetPage

Menu accessible function for setting the current page on an option item. Usually when the property has changed.

MACRO

Void OptionItemSetPage(Avolites.Menus.PagedActionMenuItem)

HTTP

http://[ip]:4430/titan/script/Menu/OptionItem/SetPage

Parameters

item: The item.

Menu.OptionItem.TogglePageProperty

Toggles through the bound property variable in a menu item or its sub pages.

MACRO

```
Void ToggleOptionItemPagePropertyState(Avolites.Menus.MenuItem, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/OptionItem/TogglePageProperty
```

Parameters

- item:** The menu item to toggle the property on.
- page:** The id of a sub page within the menu item.

Menu.OptionItem.ToggleProperty

Menu accessible function for scrolling the page of an option item

MACRO

```
Void ToggleOptionItemPropertyState(Avolites.Menus.MenuItem)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/OptionItem/ToggleProperty
```

Parameters

- item:**

Menu.Primary.CurrentMenu.CloseActivePopup

MACRO

```
Void CloseActivePopup()
```

HTTP

```
http://[ip]:4430/titan/script/Menu/Primary/CurrentMenu/CloseActivePopup
```

Menu.Primary.CurrentMenu.OpenPopup

MACRO

```
Void OpenPopup(System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/Primary/CurrentMenu/OpenPopup
```

Menu.Primary.CurrentMenu.SelectItem

MACRO

```
Void SelectItem(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/Primary/CurrentMenu/SelectItem
```

Menu.PushMenu

Push a new menu onto the top of the stack and make it current

MACRO

```
Void PushMenu(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/PushMenu
```

Parameters

- newMenuId:** Menu to add

Returns

- true on success

Menu.PushOrRaise

Pushes or raises an item in the stack. If the item is already on the stack it will be raised, otherwise it will be pushed on the top

MACRO

Void PushOrRaise(System.String)

HTTP

http://[ip]:4430/titan/script/Menu/PushOrRaise

Parameters

menuId: The id of the menu

Menu.PushOrReloadMenu

Push a new menu onto the top of the stack if it's not already there If it is, just reload it

MACRO

Void PushOrReloadMenu(System.String)

HTTP

http://[ip]:4430/titan/script/Menu/PushOrReloadMenu

Parameters

newMenuId: Id of the menu to add

Menu.RefreshMenu

Build the menu at the top of the menu stack and display it. Call Exit events for the current menu and Load events for the new menu even if the menu at the top of the stack is the current one

MACRO

Void RefreshCurrentMenu()

HTTP

http://[ip]:4430/titan/script/Menu/RefreshMenu

Menu.RefreshMenuItems

Refreshes the current menu items. This rebuilds the menu on the top of the stack similar to RefreshCurrentMenu but a flag is set to indicate only the menu items need refreshing

MACRO

Void RefreshCurrentMenuItems()

HTTP

http://[ip]:4430/titan/script/Menu/RefreshMenuItems

Menu.RemoveByOwner

MACRO

Void RemoveByOwner(System.String)

HTTP

http://[ip]:4430/titan/script/Menu/RemoveByOwner

Menu.SelectDefaultAction

Selects the default action in the current menu.

MACRO

Void SelectDefaultAction(Avolites.Menus.IMenu)

HTTP

http://[ip]:4430/titan/script/Menu/SelectDefaultAction

Parameters

menu: The menu.

Menu.SelectMenuItemById

Selects a menu item by item id.

MACRO

```
Void SelectMenuItemById(System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/SelectMenuItemById
```

Parameters

stackId: The stack id.

itemId: The item id.

Menu.SetAllItemsToPage

Set all the MenuItem's in the supplied menu to the specified page

MACRO

```
Void SetMenuItemPage(Avolites.Menus.IMenu, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/SetAllItemsToPage
```

Parameters

menu: Menu to act on

page: Page name

Menu.SetFocusedMenuItem

sets focused item for menu renderer may scrolls focused item into view (used to scroll focused item into view)

MACRO

```
Void SetFocusedMenuItem(Avolites.Menus.IMenu, System.Object)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/SetFocusedMenuItem
```

Parameters

menu: menu to process

itemId: the focused item

Menu.SetItemIdToPage

Set the page of a MenuItem. The menu item must have that page or an exception will be thrown

MACRO

```
Void SetMenuItemPage(Avolites.Menus.IMenu, System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/SetIdItemToPage
```

Parameters

menu: Menu of item

itemId: Id of item

page: Page id

Menu.SetItemIdToPageRecursive

Sets the menu item page recursively.

MACRO

```
Void SetMenuItemPageRecursive(Avolites.Menus.IMenu, System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/SetIdItemToPageRecursive
```

Parameters

menu: The menu.

itemId: The item ID.

page: The page.

Menu.SetItemPageAndClearOthers

Sets all menu items to a specified page except the one selected which is set to itemPage.

MACRO

```
Void SetItemPageAndClearOthers(Avolites.Menus.IMenu,
System.Object, System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/SetItemPageAndClearOthers
```

Parameters

menu: Menu to process

selectedItemIdentifier: The selected item identifier. This must alias to the selected item's id.

itemPage: Page to set the selected item to

clearPage: Page to set the other items to

Menu.SetMenuLatch

Set the current menu to be latched/unlatched

MACRO

```
Void SetMenuLatch(Avolites.Menus.IMenu, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/SetMenuLatch
```

Parameters

menu: The menu.

value: if set to

Menu.Stack.ClearGroupingOrExitRootOrLatched

Function to clear the grouping on the current menu or if it is cleared, perform the ExitRootOrLatched action.

MACRO

```
Void ClearGroupingOrExitRootOrLatched(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/Stack/ClearGroupingOrExitRootOrLatched
```

Parameters

stackId: The stack identifier.

Menu.Stack.MenuCurrentlyDisplayed

Returns the menu Id on top of the specified stack

MACRO

```
System.String MenuCurrentlyDisplayed(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/Stack/MenuCurrentlyDisplayed
```

Parameters

stack: The stack.

Menu.Stack.PushMenu

Pushes a menu on a specific stack.

MACRO

```
Void PushMenu(System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/Stack/PushMenu
```

Parameters

stackId: The stack id.

menuId: The menu id.

Menu.Stack.PushOrReloadMenu

Pushes a menu on a specific stack.

MACRO

```
Void PushOrReloadMenu(System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/Stack/PushOrReloadMenu
```

Parameters

stackId: The stack id.

menuId: The menu id.

Menu.Stack.RefreshMenuItems

Refreshes the stack menu.

MACRO

```
Void RefreshStackMenu(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/Stack/RefreshMenuItems
```

Parameters

stackId: The stack identifier.

Menu.Stack.RemoveByOwner

Removes the by owner.

MACRO

```
Void RemoveByOwner(System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/Stack/RemoveByOwner
```

Parameters

stackId: The stack identifier.

ownerId: The owner identifier.

Menu.Stack.RemoveMenu

RemoveMenu a menu on a stack.

MACRO

```
Void RemoveMenu(System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/Stack/RemoveMenu
```

Parameters

stackId: The stack id.

menuId: The menu id.

Menu.Stack.SetCurrentMenuItemsPage

Set all the MenuItem's in the supplied menu to the specified page

MACRO

```
Void SetStackCurrentMenuItemsPage(System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Menu/Stack/SetCurrentMenuItemsPage
```

Parameters

stackId: The stack identifier.

page: Page name

Menu.Stack.StackContainsMenu

Check if a stack contains the menu.

MACRO

```
Boolean StackContainsMenu(System.String, System.String)
```

HTTP

[http://\[ip\]:4430/titan/script/Menu/Stack/StackContainsMenu](http://[ip]:4430/titan/script/Menu/Stack/StackContainsMenu)

Parameters

stackId: The stack id.
menuId: The menu id.

Menu.Stack.UpOneLevel

Moves up one level on a specific stack.

MACRO

Void UpOneLevel(System.String)

HTTP

[http://\[ip\]:4430/titan/script/Menu/Stack/UpOneLevel](http://[ip]:4430/titan/script/Menu/Stack/UpOneLevel)

Parameters

stackId: The stack id.

Menu.SuppressEvent

Swallows an event by always returning Handled.

MACRO

Avolites.Menus.EventProperagation SwallowEvent()

HTTP

[http://\[ip\]:4430/titan/script/Menu/SuppressEvent](http://[ip]:4430/titan/script/Menu/SuppressEvent)

Returns

EventProperagation.Handled

Menu.SwapPage

Generic Utility function provided for the menus. When called with a MenuItem which has exactly two pages it will make the non-active one current.

MACRO

Void SwapMenuItemPage(Avolites.Menus.MenuItem)

HTTP

[http://\[ip\]:4430/titan/script/Menu/SwapPage](http://[ip]:4430/titan/script/Menu/SwapPage)

Parameters

item:

Menu.Textbox.SelectAll

Select all the text in a menu item input box

MACRO

Void SelectAllText(Avolites.Menus.IMenu, System.Object)

HTTP

[http://\[ip\]:4430/titan/script/Menu/Textbox/SelectAll](http://[ip]:4430/titan/script/Menu/Textbox/SelectAll)

Parameters

menu: The menu
itemId: The ID of the item to select the text of

Menu.ToggleItemPageAndSetOthers

Slightly convoluted but quite useful function. Sets all menu items to a specified page except the one selected which is set to itemPage unless it's already on that page in which case it's set to the same as the others

MACRO

Void ToggleItemPageAndSetOthers(Avolites.Menus.IMenu, System.Object, System.String, System.String)

HTTP

[http://\[ip\]:4430/titan/script/Menu/ToggleIdItemPageAndSetOthers](http://[ip]:4430/titan/script/Menu/ToggleIdItemPageAndSetOthers)**Parameters**

menu: Menu to process
selectedItemId: Id of Selected Item
itemPage: Page to set the selected item to
othersPage: Page to set the other items to

Menu.ToggleItemPageAndSetOthers

Slightly convoluted but quite useful function. Sets all menu items to a specified page except the one selected which is set to itemPage unless it's already on that page in which case it's set to the same as the others

MACRO

```
Void ToggleItemPageAndSetOthers(Avolites.Menus.IMenu,
Avolites.Menus.MenuItem, System.String, System.String)
```

HTTP

[http://\[ip\]:4430/titan/script/Menu/ToggleItemPageAndSetOthers](http://[ip]:4430/titan/script/Menu/ToggleItemPageAndSetOthers)**Parameters**

menu: Menu to process
selectedItem: Selected Item
itemPage: Page to set the selected item to
othersPage: Page to set the other items to

Menu.UpOneLevel

MACRO

```
Void UpOneLevel()
```

HTTP

[http://\[ip\]:4430/titan/script/Menu/UpOneLevel](http://[ip]:4430/titan/script/Menu/UpOneLevel)**Menu.UpRootOrLatched**

MACRO

```
Void ReturnToRootOrLatched()
```

HTTP

[http://\[ip\]:4430/titan/script/Menu/UpRootOrLatched](http://[ip]:4430/titan/script/Menu/UpRootOrLatched)

3.37 MidiShowControl

3.37.1 MidiShowControl Methods

MidiShowControl.ProcessMidi

Processes MIDI messages from the Trigger stimulus.

MACRO

```
Void ProcessMidi(Avolites.Menus.Triggers.TriggerEventArgs)
```

HTTP

[http://\[ip\]:4430/titan/script/MidiShowControl/ProcessMidi](http://[ip]:4430/titan/script/MidiShowControl/ProcessMidi)**Parameters**

args: The trigger information including the MIDI data.

3.37.2 MidiShowControl Properties

MidiShowControl.DeviceID

Gets or sets the MIDI device ID to filter SysEx messages by.

MACRO

```
ActionScript.SetProperty(MidiShowControl.DeviceID, [value])
```

```

HTTP
http://[ip]:4430/titan/get/MidiShowControl/DeviceID
HTTP
POST /titan/set/MidiShowControl/DeviceID

```

3.38 Network

3.38.1 Network Methods

Network.NetworkInterfaceList

Returns a menu list of network interfaces currently installed on the console.

```

MACRO
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
NetworkInterfaceMenuList()
HTTP
http://[ip]:4430/titan/script/Network/NetworkInterfaceList

```

Returns

A list of network interface names as menu items.

Network.SelectedInterface.EnableDHCP

Enables DHCP on the current network adapter.

```

MACRO
Void EnableDHCP()
HTTP
http://[ip]:4430/titan/script/Network/SelectedInterface/EnableD
HCP

```

Network.SelectedInterface.SaveSettings

Saves the current network settings to the selected interface. This function is run asynchronously and fires the Network.SelectedInterface.SettingsSaved event when completed.

```

MACRO
Void SaveSettings()
HTTP
http://[ip]:4430/titan/script/Network/SelectedInterface/SaveSet
tings

```

Network.SelectedInterface.SetIpTen

Sets the IP address to the 10.0.0.0 format. This function is run asynchronously and fires the Network.SelectedInterface.SettingsSaved event when completed.

```

MACRO
Void SetIpAddressTen()
HTTP
http://[ip]:4430/titan/script/Network/SelectedInterface/SetIpTe
n

```

Network.SelectedInterface.SetIpTwo

Sets the IP address to the 2.0.0.0 format. This function is run asynchronously and fires the Network.SelectedInterface.SettingsSaved event when completed.

```

MACRO
Void SetIpAddressTwo()

```



```
HTTP
http://[ip]:4430/titan/script/Network/SelectedInterface/SetIpTwo
```

Network.SelectInterface

Selects an interface from the selected menu item.

```
MACRO
Void SelectInterface(Avolites.Menus.MenuItem)
HTTP
http://[ip]:4430/titan/script/Network/SelectInterface
```

Parameters

selection: The menu item that holds the network interface.

3.38.2 Network Properties

Network.NetworkInterfacesEmpty

Whether or not we have found any network interfaces.

```
MACRO
ActionScript.SetProperty(Network.NetworkInterfacesEmpty, [value]
)
HTTP
http://[ip]:4430/titan/get/Network/NetworkInterfacesEmpty
HTTP
POST /titan/set/Network/NetworkInterfacesEmpty
```

Network.SelectedInterface.DefaultGateway

Gets or sets the default gateway of the selected interface. This property is visible from the menu.

```
MACRO
ActionScript.SetProperty(Network.SelectedInterface.DefaultGateway, [value])
HTTP
http://[ip]:4430/titan/get/Network/SelectedInterface/DefaultGateway
HTTP
POST /titan/set/Network/SelectedInterface/DefaultGateway
```

Network.SelectedInterface.DHCP

Gets or sets whether DHCP is enabled for the current network adapter.

```
MACRO
ActionScript.SetProperty(Network.SelectedInterface.DHCP, [value]
)
HTTP
http://[ip]:4430/titan/get/Network/SelectedInterface/DHCP
HTTP
POST /titan/set/Network/SelectedInterface/DHCP
```

Network.SelectedInterface.DnsServer

Gets or sets the dns server of the selected interface. This property is visible from the menu.

```
MACRO
ActionScript.SetProperty(Network.SelectedInterface.DnsServer, [value])
```

```
HTTP
http://[ip]:4430/titan/get/Network/SelectedInterface/DnsServer
HTTP
POST /titan/set/Network/SelectedInterface/DnsServer
```

Network.SelectedInterface.IpAddress

Gets or sets the ip address of the selected interface. This property is visible from the menu.

```
MACRO
ActionScript.SetProperty(Network.SelectedInterface.IpAddress, [value])
HTTP
http://[ip]:4430/titan/get/Network/SelectedInterface/IpAddress
HTTP
POST /titan/set/Network/SelectedInterface/IpAddress
```

Network.SelectedInterface.Name

Gets or sets the name of the selected network interface. This property is visible from the menu.

```
MACRO
ActionScript.SetProperty(Network.SelectedInterface.Name, [value])
HTTP
http://[ip]:4430/titan/get/Network/SelectedInterface/Name
HTTP
POST /titan/set/Network/SelectedInterface/Name
```

Network.SelectedInterface.SaveSettings.InProgress

Gets or sets whether a save of the settings are in progress.

```
MACRO
ActionScript.SetProperty(Network.SelectedInterface.SaveSettings.InProgress, [value])
HTTP
http://[ip]:4430/titan/get/Network/SelectedInterface/SaveSettings/InProgress
HTTP
POST /titan/set/Network/SelectedInterface/SaveSettings/InProgress
```

Network.SelectedInterface.SubnetMask

Gets or sets the subnet mask of the selected interface. This property is visible from the menu.

```
MACRO
ActionScript.SetProperty(Network.SelectedInterface.SubnetMask, [value])
HTTP
http://[ip]:4430/titan/get/Network/SelectedInterface/SubnetMask
HTTP
POST /titan/set/Network/SelectedInterface/SubnetMask
```

3.39 NetworkInputs

3.39.1 NetworkInputs Properties

NetworkInputs.SAcn.LearnUniverse

Gets or sets a sACN listen universe used for creating triggers.

MACRO
ActionScript.SetProperty(NetworkInputs.SAcn.LearnUniverse, [value])
HTTP
http://[ip]:4430/titan/get/NetworkInputs/SAcn/LearnUniverse
HTTP
POST /titan/set/NetworkInputs/SAcn/LearnUniverse

3.40 OnOff

3.40.1 OnOff Methods

OnOff.EnterMenu

Entering the menu. Set up the mask and fixtures

MACRO
Void EnterMenu(Boolean)
HTTP
http://[ip]:4430/titan/script/OnOff/EnterMenu

Parameters

on: if set to true use the On mask.

OnOff.EnterPaletteMenu

Entering the menu. Set up the mask and fixtures

MACRO
Void EnterPaletteMenu(Boolean)
HTTP
http://[ip]:4430/titan/script/OnOff/EnterPaletteMenu

Parameters

on: if set to true use the on mask.

OnOff.LeaveMenu

Reset the fixture selection

MACRO
Void LeaveMenu()
HTTP
http://[ip]:4430/titan/script/OnOff/LeaveMenu

OnOff.OnOffPaletteAdvanced

Full Palette OFF or ON

MACRO
Void OnOffPaletteAdvanced(Boolean)
HTTP
http://[ip]:4430/titan/script/OnOff/OnOffPaletteAdvanced

Parameters

on: if set to true set to ON.

OnOff.OnOffPlaybackAdvanced

Full Playback OFF or ON

MACRO

Void OnOffPlaybackAdvanced(Boolean)

HTTP

http://[ip]:4430/titan/script/OnOff/OnOffPlaybackAdvanced

Parameters

on: if set to true set to ON.

OnOff.SelectPalette

Selects a palette to edit from the cue handle.

MACRO

Void SelectPalette(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/OnOff/SelectPalette

Parameters

handle: The cue handle to be edited.

OnOff.SelectPlayback

Select a playback to include by pressing a select button

MACRO

Void SelectPlayback(System.String, Int32)

HTTP

http://[ip]:4430/titan/script/OnOff/SelectPlayback

Parameters

group: Button group

index: Button index

OnOff.SelectPlaybackCue

Selects a cue to include from the cue handle.

MACRO

Void
SelectPlaybackCue(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/OnOff/SelectPlaybackCue

Parameters

handle: The cue handle to be included.

OnOff.SelectPlaybackHandle

Select a playback to include by pressing a select button

MACRO

Void SelectPlayback(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/OnOff/SelectPlaybackHandle

Parameters

handle: The handle.

OnOff.SelectStep

Try and select the current step

MACRO

Void SelectStep()

HTTP

http://[ip]:4430/titan/script/OnOff/SelectStep

3.40.2 OnOff Properties

OnOff.MaxAvailableStepNumber

MACRO
ActionScript.SetProperty(OnOff.MaxAvailableStepNumber,[value])
HTTP
http://[ip]:4430/titan/get/OnOff/MaxAvailableStepNumber
HTTP
POST /titan/set/OnOff/MaxAvailableStepNumber

OnOff.MinAvailableStepNumber

MACRO
ActionScript.SetProperty(OnOff.MinAvailableStepNumber,[value])
HTTP
http://[ip]:4430/titan/get/OnOff/MinAvailableStepNumber
HTTP
POST /titan/set/OnOff/MinAvailableStepNumber

OnOff.SelectedPalette

Gets or sets the selected palette.

MACRO
ActionScript.SetProperty(OnOff.SelectedPalette,[value])
HTTP
http://[ip]:4430/titan/get/OnOff/SelectedPalette
HTTP
POST /titan/set/OnOff/SelectedPalette

OnOff.SelectedPlayback

Gets or sets the selected playback.

MACRO
ActionScript.SetProperty(OnOff.SelectedPlayback,[value])
HTTP
http://[ip]:4430/titan/get/OnOff/SelectedPlayback
HTTP
POST /titan/set/OnOff/SelectedPlayback

OnOff.StepNumber

MACRO
ActionScript.SetProperty(OnOff.StepNumber,[value])
HTTP
http://[ip]:4430/titan/get/OnOff/StepNumber
HTTP
POST /titan/set/OnOff/StepNumber

OnOff.StepNumberIsValid

MACRO
ActionScript.SetProperty(OnOff.StepNumberIsValid,[value])
HTTP
http://[ip]:4430/titan/get/OnOff/StepNumberIsValid
HTTP
POST /titan/set/OnOff/StepNumberIsValid

3.41 Outputs

3.41.1 Outputs Methods

Outputs.DeleteAcnLines

MACRO
Void DeleteAcnLines(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Console.Dmx.PhysicalOutputKey])
HTTP
http://[ip]:4430/titan/script/Outputs/DeleteAcnLines

Outputs.SetAcnLines

MACRO
Void SetAcnLines(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Console.Dmx.PhysicalOutputKey], Int32)
HTTP
http://[ip]:4430/titan/script/Outputs/SetAcnLines

Outputs.SetDmxOutput

MACRO
Boolean SetDmxOutput(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Console.Dmx.PhysicalOutputKey], Int32, Boolean)
HTTP
http://[ip]:4430/titan/script/Outputs/SetDmxOutput

3.42 Palette

3.42.1 Palette Methods

Palette.ApplyCurrentPalette

Recall the current palette

MACRO
Void RecallCurrentPalette()
HTTP
http://[ip]:4430/titan/script/Palette/ApplyCurrentPalette

Palette.ApplyPalette

Recall the palette on a handle - if the handle isn't a palette handle does nothing

MACRO
Void RecallPalette(Avolites.Titan.Controllers.Handles.Handle, Boolean)
HTTP
http://[ip]:4430/titan/script/Palette/ApplyPalette

Parameters

- handle:** The handle.
- usePaletteTimes:** if set to

Palette.ApplyPaletteToPlayback

Applies a palette to the fixtures in a playback.

```

MACRO
Void
ApplyPaletteToPlayback(Avolites.Titan.Controllers.Handles.Handle, Avolites.Titan.Controllers.Handles.Handle, Boolean)
HTTP
http://[ip]:4430/titan/script/Palette/ApplyPaletteToPlayback

```

Parameters

handle: The handle.
playbackHandle: The playback handle.
usePaletteTimes: if set to

Palette.ApplyTimedPalette

Recall the palette on a handle using times If the handle isn't a palette handle does nothing

```

MACRO
Void
RecallTimedPalette(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Palette/ApplyTimedPalette

```

Parameters

handle: The handle.

Palette.ApplyTimedPaletteNumeric

Recalls a palette by number in the current times

```

MACRO
Void RecallPaletteByUserNumber(Single)
HTTP
http://[ip]:4430/titan/script/Palette/ApplyTimedPaletteNumeric

```

Parameters

userNumber: The user number.

Palette.ApplyTimedPaletteToPlayback

Applies a palette to the fixtures in a playback cue over a time and overlap.

```

MACRO
Void
ApplyTimedPaletteToPlayback(Avolites.Titan.Controllers.Handles.Handle, Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Palette/ApplyTimedPaletteToPlayback

```

Parameters

handle: The handle.
playbackHandle: The handle of the playback to apply the timed palette to.

Palette.CheckIfPaletteExists

Checks if a palette exists.

```

MACRO
Void CheckIfPaletteExists(Single, System.String)
HTTP
http://[ip]:4430/titan/script/Palette/CheckIfPaletteExists

```

Parameters

value: The palette user number.
propertyId: The property id to put the result in.

Palette.CreatePresetPalettes

MACRO
Void CreatePresetPalettes(System.Collections.Generic.List`1[System.Int32], PatchPresetPalettes)
HTTP
http://[ip]:4430/titan/script/Palette/CreatePresetPalettes

Palette.DeleteCurrentPalette

Delete the current group and any associated handles

MACRO
Void DeleteCurrentPalette()
HTTP
http://[ip]:4430/titan/script/Palette/DeleteCurrentPalette

Palette.DeleteMenu.EnterMenu

Enter the delete menu

MACRO
Void DeleteMenuOnLoad(Avolites.Menus.IMenu)
HTTP
http://[ip]:4430/titan/script/Palette/DeleteMenu/EnterMenu

Parameters**menu:****Palette.Edit**

MACRO
Void EditPalette(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Palette/Edit

Palette.EditMenu.EnterMenu

Enter the edit menu, set the pages.

MACRO
Void EnterEditMenu(Avolites.Menus.IMenu)
HTTP
http://[ip]:4430/titan/script/Palette/EditMenu/EnterMenu

Parameters**menu:** Edit menu**Palette.EditMenu.PaletteNumberChange**

Current palette number has changed. Set pages dependent on whether it exists or not.

MACRO
Void EditMenuPaletteNumberChange(Avolites.Menus.IMenu)
HTTP
http://[ip]:4430/titan/script/Palette/EditMenu/PaletteNumberChange

Parameters**menu:** Edit menu**Palette.EditMenu.SelectByButton**

A preset flash has been pressed in the edit menu Load that palette for editing


```

MACRO
Void
EditMenuSelectByButton(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Palette/EditMenu/SelectByButton

```

Parameters**handle:** The handle.**Palette.FillPlaybackOptions**

Fills the palette playback options

```

MACRO
Void
FillPlaybackOptions(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Palette/FillPlaybackOptions

```

Parameters**handle:** The palette handle**Palette.GetAutoPaletteLegendSuggestion**

Gets the auto palette legend suggestion. Uses the supplied group and content of the programmer to suggest a legend or icon. The supplied properties will be set to the suggestion of both empty if none can be made.

```

MACRO
Void GetAutoPaletteLegendSuggestion(System.String,
System.String, System.String)
HTTP
http://[ip]:4430/titan/script/Palette/GetAutoPaletteLegendSuggestion

```

Parameters**group:** The group.**legendPropertyId:** The legend property id.**iconPropertyId:** The icon property id.**Palette.GetPaletteGroups**

Gets the attribute groups of a palette as a string.

```

MACRO
Void
GetPaletteGroups(Avolites.Titan.Controllers.Handles.Handle,
System.String)
HTTP
http://[ip]:4430/titan/script/Palette/GetPaletteGroups

```

Parameters**handle:** The palette handle to get the groups from.**propertyId:** The property to put the palette groups into.**Palette.GuessSharedMode**

Try and determine if the user wants a shared or normal palette. Titan works this out for us, based on this Controller's

```

MACRO
Void GuessSharedMode()
HTTP
http://[ip]:4430/titan/script/Palette/GuessSharedMode

```

Palette.MergeCurrentPalette

Merge the current selection with the current palette

MACRO

Void MergeCurrentPalette()

HTTP

http://[ip]:4430/titan/script/Palette/MergeCurrentPalette

Palette.MergePaletteIfMatchesSourceHandle

Merges the palette on requested handle if the supplied handle matches.

MACRO

Void

MergePaletteOnRequestedHandleIfMatched(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Palette/MergePaletteIfMatchesSourceHandle

Parameters

handle: The handle.

Palette.MergePaletteOnSourceHandle

Merge the current selection with the palette on a handle

MACRO

Void MergePaletteOnRequestedHandle()

HTTP

http://[ip]:4430/titan/script/Palette/MergePaletteOnSourceHandle

Palette.QuickCreatePalette

Creates a palette on the specified handle with prompting the user.

MACRO

Void

QuickCreatePalette(Avolites.Titan.Controllers.Handles.Handle, System.String, Avolites.Acw.Titan.AcwUserNumber, System.String, Int32)

HTTP

http://[ip]:4430/titan/script/Palette/QuickCreatePalette

Parameters

handle: The handle to assign the created palette to.

attributeMask: The attribute mask.

userNumber: The user number.

legend: The legend.

iconId: The icon ID.

Palette.QuickMergePalette

Merges a palette with the programmer but masks by the existing palette groups.

MACRO

Void

QuickMergePalette(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Palette/QuickMergePalette

Parameters

handle: The palette to merge.

Palette.RenumberCurrentPalette

Renumber the current palette

MACRO

```
Void RenumberCurrentPalette()
```

HTTP

```
http://[ip]:4430/titan/script/Palette/RenumberCurrentPalette
```

Palette.RenumberMenu.DefaultAction

Enter has been pressed in the renumber menu, do the current action

MACRO

```
Void RenumberMenuDefaultAction()
```

HTTP

```
http://[ip]:4430/titan/script/Palette/RenumberMenu/DefaultAction
```

Palette.RenumberMenu.EnterMenu

Entry to the Re-number menu, copy current to source and prompt for a new number

MACRO

```
Void RenumberMenuOnLoad(Avolites.Menus.IMenu)
```

HTTP

```
http://[ip]:4430/titan/script/Palette/RenumberMenu/EnterMenu
```

Parameters

menu:

Palette.RenumberMenu.PaletteNumberChange

The palette number has been changed, see if it exists

MACRO

```
Void RenumberMenuPaletteNumberChange(Avolites.Menus.IMenu)
```

HTTP

```
http://[ip]:4430/titan/script/Palette/RenumberMenu/PaletteNumberChange
```

Parameters

menu:

Palette.ReplacePalette

Replaces the palette.

MACRO

```
Void ReplacePalette(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Palette/ReplacePalette
```

Parameters

handle: The handle.

Palette.ReplacePaletteOnSourceHandle

Replace a palette on a handle

MACRO

```
Void ReplacePaletteOnRequestedHandle()
```

HTTP

```
http://[ip]:4430/titan/script/Palette/ReplacePaletteOnSourceHandle
```

Palette.RootMenu.EnterMenu

Enter the Palette root menu. Make sure everything's on the right page

MACRO

Void EnterRootMenu(Avolites.Menus.IMenu)

HTTP

http://[ip]:4430/titan/script/Palette/RootMenu/EnterMenu

Parameters

menu:

Palette.RootMenu.PaletteNumberChange

The current palette number has changed so set the pages on the prompt and recall button appropriately

MACRO

Void RootMenuPaletteNumberChange(Avolites.Menus.IMenu)

HTTP

http://[ip]:4430/titan/script/Palette/RootMenu/PaletteNumberChange

Parameters

menu: Root menu

Palette.SavePlaybackOptions

Saves the palette playback options

MACRO

Void SavePlaybackOptions(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Palette/SavePlaybackOptions

Parameters

handle: The palette handle

Palette.Selection.AllowAllFixtures

Allow all fixtures to be selected again

MACRO

Void ClearRestrictedSelection()

HTTP

http://[ip]:4430/titan/script/Palette/Selection/AllowAllFixtures

Palette.Selection.Clear

Clears the current selection but not Titan's programmer

MACRO

Void Clear()

HTTP

http://[ip]:4430/titan/script/Palette/Selection/Clear

Palette.Selection.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

MACRO

Void ClearSelectionPattern()

HTTP

http://[ip]:4430/titan/script/Palette/Selection/ClearPatternSelect

Palette.Selection.GetSelectedFixtures

Gets the selected fixture handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedFixtures(System.String)

HTTP

http://[ip]:4430/titan/script/Palette/Selection/GetSelectedFixtures

Parameters

menuProperty: The menu property.

Palette.Selection.GetSelectedHandles

Gets the selected handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedHandles(System.String)

HTTP

http://[ip]:4430/titan/script/Palette/Selection/GetSelectedHandles

Parameters

menuProperty: The menu property.

Palette.Selection.HighlightSelectedHandles

Sets the handles of all the selected fixtures to highlight so their LEDs pulse. Use ClearAllHighlights() to cancel this.

MACRO

Void HighlightSelectedHandles()

HTTP

http://[ip]:4430/titan/script/Palette/Selection/HighlightSelectedHandles

Palette.Selection.InvertPattern

Inverts the currently active pattern if there is one.

MACRO

Void InvertPattern()

HTTP

http://[ip]:4430/titan/script/Palette/Selection/InvertPattern

Palette.Selection.PatternJumpNext

Jumps the selection Pattern right by the length of the pattern

MACRO

Void PatternJumpNext()

HTTP

http://[ip]:4430/titan/script/Palette/Selection/PatternJumpNext

Palette.Selection.PatternJumpPrevious

Jumps the selection Pattern left by the length of the pattern

MACRO

Void PatternJumpPrevious()

HTTP

http://[ip]:4430/titan/script/Palette/Selection/PatternJumpPrevious

Palette.Selection.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternNext()

HTTP

http://[ip]:4430/titan/script/Palette/Selection/PatternNext

Palette.Selection.PatternPrevious

Moves the selection pattern one place to the left If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternPrevious()

HTTP

http://[ip]:4430/titan/script/Palette/Selection/PatternPrevious

Palette.Selection.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

MACRO

Void PreviewClear()

HTTP

http://[ip]:4430/titan/script/Palette/Selection/PreviewClear

Palette.Selection.PreviewSelectFixtures

MACRO

Void PreviewSelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])

HTTP

http://[ip]:4430/titan/script/Palette/Selection/PreviewSelectFixtures

Palette.Selection.PreviewSetNewHandleSelection

MACRO

Void
PreviewSetNewSelection(System.Collections.Generic.IEnumerable`1
[Avolites.Titan.Controllers.Handles.Handle])

HTTP

http://[ip]:4430/titan/script/Palette/Selection/PreviewSetNewHandleSelection

Palette.Selection.SelectFixture

Selects a fixture by handle.

MACRO

Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Palette/Selection/SelectFixture

Parameters

handle: The handle.

Palette.Selection.SelectFixtures

MACRO

Void SelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])

HTTP
[http://\[ip\]:4430/titan/script/Palette/Selection/SelectFixtures](http://[ip]:4430/titan/script/Palette/Selection/SelectFixtures)

Palette.Selection.SelectFixturesWithTitanIds

MACRO
 Void
 SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerable<System.Int32>)

HTTP
[http://\[ip\]:4430/titan/script/Palette/Selection/SelectFixturesWithTitanIds](http://[ip]:4430/titan/script/Palette/Selection/SelectFixturesWithTitanIds)

Palette.Selection.SelectProgrammer

Selects all the fixtures which are currently in the programmer.

MACRO
 Void SelectProgrammer()

HTTP
[http://\[ip\]:4430/titan/script/Palette/Selection/SelectProgrammer](http://[ip]:4430/titan/script/Palette/Selection/SelectProgrammer)

Palette.Selection.SetNewHandleSelection

MACRO
 Void
 SetNewSelection(System.Collections.Generic.IEnumerable<Avolites.Titan.Controllers.Handles.Handle>)

HTTP
[http://\[ip\]:4430/titan/script/Palette/Selection/SetNewHandleSelection](http://[ip]:4430/titan/script/Palette/Selection/SetNewHandleSelection)

Palette.Selection.SetNewSelection

MACRO
 Void
 SetNewSelection(System.Collections.Generic.IEnumerable<Avolites.Titan.Controllers.Handles.Custom.FixtureHandle>)

HTTP
[http://\[ip\]:4430/titan/script/Palette/Selection/SetNewSelection](http://[ip]:4430/titan/script/Palette/Selection/SetNewSelection)

Palette.Selection.StartNewSelection

Sets the start new selection mode to true.

MACRO
 Void SetStartNewSelection()

HTTP
[http://\[ip\]:4430/titan/script/Palette/Selection/StartNewSelection](http://[ip]:4430/titan/script/Palette/Selection/StartNewSelection)

Palette.Selection.ValidateFixturesSelected

Throws an error which can be displayed in the menu to prompt the user that no fixtures are selected. You can call this function to determine whether fixtures are selected in menus that require a selection.

MACRO
 Void ValidateFixturesSelected()

HTTP
[http://\[ip\]:4430/titan/script/Palette/Selection/ValidateFixturesSelected](http://[ip]:4430/titan/script/Palette/Selection/ValidateFixturesSelected)

Palette.SetDestinationHandlesPerPresetGroup

Creates preset palettes at the specified location (when palettes are set to patch by default). This doesn't effect the default location where palettes are created.

MACRO

```
Void SetDestinationHandlesPerPresetGroup(System.String,
System.String, Int32, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Palette/SetDestinationHandlesPerPresetGroup
```

Parameters

handleGroup: The handle group to create preset palettes on

handlePage: The handle page.

handleIndex: Starting id of the palettes on the handle page.

paletteGroup: The palette group to create.

Palette.SetFadeTime

Set the fade time for the next palette.

MACRO

```
Void SetFadeTime(Avolites.Acw.Titan.AcwTimeSpan)
```

HTTP

```
http://[ip]:4430/titan/script/Palette/SetFadeTime
```

Parameters

value: The value.

Palette.SetFadeTimeFromFloat

Set the fade time for the next palette.

MACRO

```
Void SetFadeTimeFromFloat(Single)
```

HTTP

```
http://[ip]:4430/titan/script/Palette/SetFadeTimeFromFloat
```

Parameters

value: The value.

Palette.SetOverlap

Set overlap.

MACRO

```
Void SetOverlap(Single)
```

HTTP

```
http://[ip]:4430/titan/script/Palette/SetOverlap
```

Parameters

value:

Palette.SetSource

MACRO

```
Void SetSource(System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Palette/SetSource
```

Parameters

group: The palette in which the selected handle is part of.

playbackId: The id of the handle within the palette.

Palette.SetSourceHandle

Sets the source palette handle to use during palette operations.


```

MACRO
Void SetSourceHandle(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Palette/SetSourceHandle

```

Parameters

source: The handle to set the source to.

Palette.SetStringInput

Sets the value of the string input value from a given float

```

MACRO
Void SetStringInput(Single)
HTTP
http://[ip]:4430/titan/script/Palette/SetStringInput

```

Parameters

value: The float value

Palette.StoreCurrentPalette

Store the selected fixtures to a new palette with number
CurrentPaletteNumber

```

MACRO
Void StoreCurrentPalette()
HTTP
http://[ip]:4430/titan/script/Palette/StoreCurrentPalette

```

Palette.StoreCurrentPaletteReplace

Store the current palette replacing any existing palette with the same
number

```

MACRO
Void StoreCurrentPaletteReplace()
HTTP
http://[ip]:4430/titan/script/Palette/StoreCurrentPaletteReplac
e

```

Palette.StoreMenu.Action.PaletteName

The Legend button has been pressed, toggle edits

```

MACRO
Void StoreMenuPaletteNameSelected(Avolites.Menus.IMenu,
Avolites.Menus.MenuItem)
HTTP
http://[ip]:4430/titan/script/Palette/StoreMenu/Action/PaletteN
ame

```

Parameters

menu: Store menu

menuItem: Legend item

Palette.StoreMenu.Action.PaletteNumber

The User number button has been pressed, toggle actions

```

MACRO
Void StoreMenuPaletteNumberSelected(Avolites.Menus.IMenu,
Avolites.Menus.MenuItem)
HTTP
http://[ip]:4430/titan/script/Palette/StoreMenu/Action/PaletteN
umber

```

Parameters

menu: Store menu
menuItem: Number item

Palette.StoreMenu.EnterMenu

Enter the store palette menu. Select an empty user number. Focus the user number and set the other item pages

MACRO

```
Void StoreMenuOnLoad(Avolites.Menus.IMenu)
```

HTTP

```
http://[ip]:4430/titan/script/Palette/StoreMenu/EnterMenu
```

Parameters

menu: Menu

Palette.StoreMenu.EnterPressed

The Enter key (Keyboard or keypad) has been pressed in the store menu. Perform the most sensible action

MACRO

```
Void StoreMenuEnterPressed(Avolites.Menus.IMenu)
```

HTTP

```
http://[ip]:4430/titan/script/Palette/StoreMenu/EnterPressed
```

Parameters

menu:

Palette.StoreMenu.LeaveMenu

Exiting the Store palette menu

MACRO

```
Void StoreMenuOnExit()
```

HTTP

```
http://[ip]:4430/titan/script/Palette/StoreMenu/LeaveMenu
```

Palette.StoreMenu.PaletteNumberChange

The current palette number has changed. Refresh all the pages dependent on whether it exists or not

MACRO

```
Void StoreMenuPaletteNumberChange(Avolites.Menus.IMenu)
```

HTTP

```
http://[ip]:4430/titan/script/Palette/StoreMenu/PaletteNumberChange
```

Parameters

menu:

Palette.StoreMenu.StoreOnButton

The user has pressed a preset flash whilst in the store menu. Try and record the palette to that handle

MACRO

```
Void StorePaletteOnPresetButton(System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Palette/StoreMenu/StoreOnButton
```

Parameters

group: Button group
index: Index into that group

Palette.SwapCurrentPaletteNumbers

Swap numbers between the current palette and the renumber source

MACRO
Void SwapCurrentPaletteNumbers()
HTTP
http://[ip]:4430/titan/script/Palette/SwapCurrentPaletteNumbers

Palette.SyncProperties

Called when the current palette number changed. We use this event to synchronize the current palette handle with the palette number. This ensures that the current handle is always updated when the number changes.

MACRO
Void OnCurrentPaletteNumberChanged()
HTTP
http://[ip]:4430/titan/script/Palette/SyncProperties

Palette.UpdateCurrentPalette

Updates the current palette.

MACRO
Void UpdateCurrentPalette()
HTTP
http://[ip]:4430/titan/script/Palette/UpdateCurrentPalette

Palette.UpdateOffsetFromCurrentPalette

Updates the Offsets of the fixtures controls using the current palette as reference.

MACRO
Void UpdateOffsetFromCurrentPalette()
HTTP
http://[ip]:4430/titan/script/Palette/UpdateOffsetFromCurrentPalette

Palette.UpdateOffsetFromPalette

Updates the Offsets of the fixtures controls using the palette as reference.

MACRO
Void UpdateOffsetFromPalette(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Palette/UpdateOffsetFromPalette

Parameters

handle: The handle.

Palette.UpdatePaletteWithCurrentPaletteName

Apply the current palette name to the current palette

MACRO
Void UpdatePaletteWithCurrentPaletteName()
HTTP
http://[ip]:4430/titan/script/Palette/UpdatePaletteWithCurrentPaletteName

Palette.UpdateSharedNormalMode

Fired when performing a merge/quick merge onto an existing handle (without going through the palette menu)

```
MACRO
Void
UpdateSharedNormalMode(Avolites.Titan.Controllers.Handles.Handle)
```

```
HTTP
http://[ip]:4430/titan/script/Palette/UpdateSharedNormalMode
```

Parameters

handle: The handle.

3.42.2 Palette Properties**Palette.CurrentPaletteDescription**

The description of the currently selected palette

```
MACRO
ActionScript.SetProperty(Palette.CurrentPaletteDescription,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Palette/CurrentPaletteDescription
```

```
HTTP
POST /titan/set/Palette/CurrentPaletteDescription
```

Palette.CurrentPaletteExists

Whether the current palette exists

```
MACRO
ActionScript.SetProperty(Palette.CurrentPaletteExists,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Palette/CurrentPaletteExists
```

```
HTTP
POST /titan/set/Palette/CurrentPaletteExists
```

Palette.CurrentPaletteHandle

```
MACRO
ActionScript.SetProperty(Palette.CurrentPaletteHandle,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Palette/CurrentPaletteHandle
```

```
HTTP
POST /titan/set/Palette/CurrentPaletteHandle
```

Palette.CurrentPaletteName

The legend to be stored on the next recorded or updated palette

```
MACRO
ActionScript.SetProperty(Palette.CurrentPaletteName,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Palette/CurrentPaletteName
```

```
HTTP
POST /titan/set/Palette/CurrentPaletteName
```

Palette.CurrentPaletteNumber

The user number of the current palette

```
MACRO
ActionScript.SetProperty(Palette.CurrentPaletteNumber,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Palette/CurrentPaletteNumber
```

```
HTTP
POST /titan/set/Palette/CurrentPaletteNumber
```

Palette.FireNestedPalettes

Gets and Sets the Fire Nested Palettes flag

MACRO

```
ActionScript.SetProperty(Palette.FireNestedPalettes,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Palette/FireNestedPalettes
```

HTTP

```
POST /titan/set/Palette/FireNestedPalettes
```

Palette.MasterFadeTime

Gets or sets the master palette time.

MACRO

```
ActionScript.SetProperty(Palette.MasterFadeTime,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Palette/MasterFadeTime
```

HTTP

```
POST /titan/set/Palette/MasterFadeTime
```

Palette.MasterOverlap

Gets or sets the master overlap used when applying palettes with no fade entered.

MACRO

```
ActionScript.SetProperty(Palette.MasterOverlap,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Palette/MasterOverlap
```

HTTP

```
POST /titan/set/Palette/MasterOverlap
```

Palette.MinimumPaletteMode

Gets or sets the palette type used by default when recording palettes.

MACRO

```
ActionScript.SetProperty(Palette.MinimumPaletteMode,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Palette/MinimumPaletteMode
```

HTTP

```
POST /titan/set/Palette/MinimumPaletteMode
```

Palette.Numeric.InputValue

MACRO

```
ActionScript.SetProperty(Palette.Numeric.InputValue,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Palette/Numeric/InputValue
```

HTTP

```
POST /titan/set/Palette/Numeric/InputValue
```

Palette.Numeric.IsValid

MACRO

```
ActionScript.SetProperty(Palette.Numeric.IsValid,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Palette/Numeric/IsValid
```

HTTP

```
POST /titan/set/Palette/Numeric/IsValid
```

Palette.PresetPalettesOption

Property to handle preset palettes options

MACRO

```
ActionScript.SetProperty(Palette.PresetPalettesOption,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Palette/PresetPalettesOption
```

HTTP

```
POST /titan/set/Palette/PresetPalettesOption
```

Palette.PreviewPaletteName

The legend of the current palette

MACRO

```
ActionScript.SetProperty(Palette.PreviewPaletteName,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Palette/PreviewPaletteName
```

HTTP

```
POST /titan/set/Palette/PreviewPaletteName
```

Palette.RecordMode

Gets or sets the palette record mode.

MACRO

```
ActionScript.SetProperty(Palette.RecordMode,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Palette/RecordMode
```

HTTP

```
POST /titan/set/Palette/RecordMode
```

Palette.RecordPaletteReferences

Gets or sets a value indicating whether to record palette references (nested palettes) or not.

MACRO

```
ActionScript.SetProperty(Palette.RecordPaletteReferences,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Palette/RecordPaletteReferences
```

HTTP

```
POST /titan/set/Palette/RecordPaletteReferences
```

Palette.RenumberSource

MACRO

```
ActionScript.SetProperty(Palette.RenumberSource,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Palette/RenumberSource
```

HTTP

```
POST /titan/set/Palette/RenumberSource
```

Palette.Selection.ContextFixtureHandle

The context fixture is the last fixture which was selected. This fixture is used to determine which attribute controls are displayed to the user.

MACRO

```
ActionScript.SetProperty(Palette.Selection.ContextFixtureHandle,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Palette/Selection/ContextFixtureHandle
```

```
HTTP
POST /titan/set/Palette/Selection/ContextFixtureHandle
```

Palette.Selection.Empty

```
MACRO
ActionScript.SetProperty(Palette.Selection.Empty,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Palette/Selection/Empty
```

```
HTTP
POST /titan/set/Palette/Selection/Empty
```

Palette.Selection.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

```
MACRO
ActionScript.SetProperty(Palette.Selection.PatternSelect,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Palette/Selection/PatternSelect
```

```
HTTP
POST /titan/set/Palette/Selection/PatternSelect
```

Palette.Selection.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

```
MACRO
ActionScript.SetProperty(Palette.Selection.RepeatPattern,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Palette/Selection/RepeatPattern
```

```
HTTP
POST /titan/set/Palette/Selection/RepeatPattern
```

Palette.StorePaletteMode

Should the next palette stored be stored as a shared palette?

```
MACRO
ActionScript.SetProperty(Palette.StorePaletteMode,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Palette/StorePaletteMode
```

```
HTTP
POST /titan/set/Palette/StorePaletteMode
```

Palette.String.InputValue

The string input from the prompt window

```
MACRO
ActionScript.SetProperty(Palette.String.InputValue,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Palette/String/InputValue
```

```
HTTP
POST /titan/set/Palette/String/InputValue
```

Palette.UsePalettesInProgrammer

Gets or sets whether quick palettes are enabled.

MACRO

```
ActionScript.SetProperty(Palette.UsePalettesInProgrammer, [value
])
```

HTTP

```
http://[ip]:4430/titan/get/Palette/UsePalettesInProgrammer
```

HTTP

```
POST /titan/set/Palette/UsePalettesInProgrammer
```

Palette.UserChangedStoreShared

Gets or sets a value indicating whether the user has manually changed the store shared flag (hence it shouldn't be automatically updated).

MACRO

```
ActionScript.SetProperty(Palette.UserChangedStoreShared, [value
])
```

HTTP

```
http://[ip]:4430/titan/get/Palette/UserChangedStoreShared
```

HTTP

```
POST /titan/set/Palette/UserChangedStoreShared
```

Palette.UseRelevantPalettes

Gets or sets whether quick palettes are enabled.

MACRO

```
ActionScript.SetProperty(Palette.UseRelevantPalettes, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Palette/UseRelevantPalettes
```

HTTP

```
POST /titan/set/Palette/UseRelevantPalettes
```

3.43 Palettes**3.43.1 Palettes Methods****Palettes.Editor.Clear**

Clears the editor and removes all values from the programmer. Also clears any fixture selections.

MACRO

```
Void Clear(Avolites.Acw.Titan.AcwRecordMask, Boolean, Boolean,
Single)
```

HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/Clear
```

Parameters

mask: A mask of which attribute groups to clear.

presets: if set to

clearAllProgrammers: if set to

fadeTime: The time to use when clearing HTP channels.

Palettes.Editor.ClearAll

Clears the programmer of all fixtures and attributes

MACRO

```
Void Clear()
```


HTTP

[http://\[ip\]:4430/titan/script/Palettes/Editor/ClearAll](http://[ip]:4430/titan/script/Palettes/Editor/ClearAll)

Palettes.Editor.ClearControl

Handles a request to clear a single control from the clear attributes menu

MACRO

Void ClearControl(Avolites.Menus.MenuItem, Boolean)

HTTP

[http://\[ip\]:4430/titan/script/Palettes/Editor/ClearControl](http://[ip]:4430/titan/script/Palettes/Editor/ClearControl)

Parameters

menuItem: The menu item.

selected: if set to

Palettes.Editor.ClearFixtures

MACRO

Void
ClearFixtures(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle], Single)

HTTP

[http://\[ip\]:4430/titan/script/Palettes/Editor/ClearFixtures](http://[ip]:4430/titan/script/Palettes/Editor/ClearFixtures)

Palettes.Editor.ClearFixturesInGroup

MACRO

Void
ClearFixturesInGroup(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle], Single)

HTTP

[http://\[ip\]:4430/titan/script/Palettes/Editor/ClearFixturesInGroup](http://[ip]:4430/titan/script/Palettes/Editor/ClearFixturesInGroup)

Palettes.Editor.ClearSelectedFixtures

Clears the editor and removes all values from the programmer for the selected fixtures. Also clears any fixture selections.

MACRO

Void ClearSelectedFixtures(Avolites.Acw.Titan.AcwRecordMask, Boolean, Single)

HTTP

[http://\[ip\]:4430/titan/script/Palettes/Editor/ClearSelectedFixtures](http://[ip]:4430/titan/script/Palettes/Editor/ClearSelectedFixtures)

Parameters

mask: A mask of which attribute groups to clear.

presets: if set to

fadeTime: The time to use when clearing HTP channels.

Palettes.Editor.CueSelection.Clear

Clears current selection

MACRO

Void Clear()

HTTP

[http://\[ip\]:4430/titan/script/Palettes/Editor/CueSelection/Clear](http://[ip]:4430/titan/script/Palettes/Editor/CueSelection/Clear)

Palettes.Editor.CueSelection.GetSelectedCues

Gets the current selected cues

MACRO

```
System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.PlaybackCueHandle] GetSelectedCues()
```

HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/CueSelection/GetSelectedCues
```

Returns

A IEnumerable Type with the handles

Palettes.Editor.CueSelection.GrowSelection

Grows the selection. This works from the highest selected cue index and either adds or removes cues from the selection at the end.

MACRO

```
Void GrowSelection(Avolites.Titan.Controllers.Handles.Handle, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/CueSelection/GrowSelection
```

Parameters

handle: The handle.

size: The size.

Palettes.Editor.CueSelection.PreviewClear

Clears any preview select flags

MACRO

```
Void PreviewClear()
```

HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/CueSelection/PreviewClear
```

Palettes.Editor.CueSelection.PreviewSelectCues

MACRO

```
Void PreviewSelectCues(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.PlaybackCueHandle])
```

HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/CueSelection/PreviewSelectCues
```

Palettes.Editor.CueSelection.SelectAll

Selects all the cues in the supplied playback.

MACRO

```
Void SelectAll(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/CueSelection/SelectAll
```

Parameters

handle: A playback handle.

Palettes.Editor.CueSelection.SelectCue

Selects a cue.

MACRO

```
Void SelectCue(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

[http://\[ip\]:4430/titan/script/Palettes/Editor/CueSelection/SelectCue](http://[ip]:4430/titan/script/Palettes/Editor/CueSelection/SelectCue)

Parameters

handle: The handle.

Palettes.Editor.CueSelection.SelectCueByNumber

Selects the cue in a playback by cue number

MACRO

```
Void
SelectCueByNumber(Avolites.Titan.Controllers.Handles.Handle,
Single)
```

HTTP

[http://\[ip\]:4430/titan/script/Palettes/Editor/CueSelection/SelectCueByNumber](http://[ip]:4430/titan/script/Palettes/Editor/CueSelection/SelectCueByNumber)

Parameters

handle: The handle of the playback.

cueNumber: The cue number.

Palettes.Editor.CueSelection.SelectCues

MACRO

```
Void
SelectCues(System.Collections.Generic.IEnumerable`1[Avolites.Ti
tan.Controllers.Handles.Handle])
```

HTTP

[http://\[ip\]:4430/titan/script/Palettes/Editor/CueSelection/SelectCues](http://[ip]:4430/titan/script/Palettes/Editor/CueSelection/SelectCues)

Palettes.Editor.CueSelection.SelectUnfoldedCue

Uses an unfolded cue handle to set the current selection.

MACRO

```
Void
SelectUnfoldedCue(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

[http://\[ip\]:4430/titan/script/Palettes/Editor/CueSelection/SelectUnfoldedCue](http://[ip]:4430/titan/script/Palettes/Editor/CueSelection/SelectUnfoldedCue)

Parameters

handle: The handle of the unfolded cue.

Palettes.Editor.CueSelection.SelectUnfoldedCues

MACRO

```
Void
SelectUnfoldedCues(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])
```

HTTP

[http://\[ip\]:4430/titan/script/Palettes/Editor/CueSelection/SelectUnfoldedCues](http://[ip]:4430/titan/script/Palettes/Editor/CueSelection/SelectUnfoldedCues)

Palettes.Editor.CueSelection.SetContextCue

Sets the context handle. The handle will be selected if it is not already in the selection.

MACRO

```
Void SetContextCue(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

[http://\[ip\]:4430/titan/script/Palettes/Editor/CueSelection/SetContextCue](http://[ip]:4430/titan/script/Palettes/Editor/CueSelection/SetContextCue)

Parameters

handle: The handle.

Palettes.Editor.CueSelection.StepSelection

Steps the selection. This moves the whole selection pattern up or down in the list. Step sizes >1 move the selection down the list

MACRO

```
Void StepSelection(Avolites.Titan.Controllers.Handles.Handle,
Single)
```

HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/CueSelection/Step
Selection
```

Parameters

handle: The handle.

step: The step.

Palettes.Editor.FillAttributeTimes

Updates the attribute times. This publishes the current group or control fade and delay times for the context control in two properties which are used on the softkeys

MACRO

```
Void FillAttributeTimes()
```

HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/FillAttributeTime
s
```

Palettes.Editor.Fixtures.ContextAttribute.GetFunctionOptions

Returns a list of menu items for setting the current attribute.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
ContextAttributeGetFunctionOptions(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/Fixtures/ContextA
ttribute/GetFunctionOptions
```

Parameters

filterText: A filter string for the returned items.

Returns

List of menu items.

Palettes.Editor.Fixtures.ContextAttribute.GetFunctionValue

Gets the value of the context attribute.

MACRO

```
Single ContextAttributeGetFunctionValue()
```

HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/Fixtures/ContextA
ttribute/GetFunctionValue
```

Returns

TheDisplay value

Palettes.Editor.Fixtures.ContextAttribute.SetFunction

Sets the current function of the context attribute.

MACRO

```
Void ContextAttributeSetFunction(Int32)
```

HTTP

http://[ip]:4430/titan/script/Palettes/Editor/Fixtures/ContextAttribute/SetFunction

Parameters

functionId: The function ID.

Palettes.Editor.Fixtures.ContextAttribute.SetFunctionByMenuItem

Sets the value of the context attribute using the tag that the menuItem has.

MACRO

Void ContextAttributeSetFunctionByMenuItem(System.Object)

HTTP

http://[ip]:4430/titan/script/Palettes/Editor/Fixtures/ContextAttribute/SetFunctionByMenuItem

Parameters

menuItemTag: The menu item tag.

Palettes.Editor.Fixtures.ContextAttribute.SetFunctionValue

Sets the value of the context attribute.

MACRO

Void ContextAttributeSetFunctionValue(Single)

HTTP

http://[ip]:4430/titan/script/Palettes/Editor/Fixtures/ContextAttribute/SetFunctionValue

Parameters

value: The value to set.

Palettes.Editor.Fixtures.DeleteFixturesFromCue

Delete selected fixture from cue

MACRO

Void DeleteFixturesFromCue()

HTTP

http://[ip]:4430/titan/script/Palettes/Editor/Fixtures/DeleteFixturesFromCue

Palettes.Editor.Fixtures.OffSelectedControls

Turns OFF the selected control values, delays or fades from the playback cue

MACRO

Void OffSelectedControls(Avolites.Titan.Controllers.Editor.ControlTimes)

HTTP

http://[ip]:4430/titan/script/Palettes/Editor/Fixtures/OffSelectedControls

Parameters

selectedControlValueToOff: The selected control value to off.

Palettes.Editor.Fixtures.OnSelectedControls

Turns ON the selected control values, delays or fades from the playback cue

```

MACRO
Void
OnSelectedControls(Avolites.Titan.Controllers.Editor.ControlTimes)
HTTP
http://[ip]:4430/titan/script/Palettes/Editor/Fixtures/OnSelectedControls

```

Parameters

selectedControlValueToOn: The selected control value to on.

Palettes.Editor.ResetFadeAndDelayToGlobalTime

Resets the specified control fade and delay time to the 'Global' time.

```

MACRO
Void ResetFadeAndDelayToGlobalTime()
HTTP
http://[ip]:4430/titan/script/Palettes/Editor/ResetFadeAndDelayToGlobalTime

```

Palettes.Editor.ResetToGlobalTime

Resets the specified control time to the 'Global' time.

```

MACRO
Void
ResetToGlobalTime(Avolites.Titan.Controllers.Editor.ControlTimes)
HTTP
http://[ip]:4430/titan/script/Palettes/Editor/ResetToGlobalTime

```

Parameters

time: The time.

Palettes.Editor.Selection.AllowAllFixtures

Allow all fixtures to be selected again

```

MACRO
Void ClearRestrictedSelection()
HTTP
http://[ip]:4430/titan/script/Palettes/Editor/Selection/AllowAllFixtures

```

Palettes.Editor.Selection.Clear

Clears the current selection but not Titan's programmer

```

MACRO
Void Clear()
HTTP
http://[ip]:4430/titan/script/Palettes/Editor/Selection/Clear

```

Palettes.Editor.Selection.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

```

MACRO
Void ClearSelectionPattern()
HTTP
http://[ip]:4430/titan/script/Palettes/Editor/Selection/ClearPatternSelect

```

Palettes.Editor.Selection.GetSelectedFixtures

Gets the selected fixture handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedFixtures(System.String)

HTTP

http://[ip]:4430/titan/script/Palettes/Editor/Selection/GetSelectedFixtures

Parameters

menuProperty: The menu property.

Palettes.Editor.Selection.GetSelectedHandles

Gets the selected handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedHandles(System.String)

HTTP

http://[ip]:4430/titan/script/Palettes/Editor/Selection/GetSelectedHandles

Parameters

menuProperty: The menu property.

Palettes.Editor.Selection.HighlightSelectedHandles

Sets the handles of all the selected fixtures to highlight so their LEDs pulse. Use ClearAllHighlights() to cancel this.

MACRO

Void HighlightSelectedHandles()

HTTP

http://[ip]:4430/titan/script/Palettes/Editor/Selection/HighlightSelectedHandles

Palettes.Editor.Selection.InvertPattern

Inverts the currently active pattern if there is one.

MACRO

Void InvertPattern()

HTTP

http://[ip]:4430/titan/script/Palettes/Editor/Selection/InvertPattern

Palettes.Editor.Selection.PatternJumpNext

Jumps the selection Pattern right by the length of the pattern

MACRO

Void PatternJumpNext()

HTTP

http://[ip]:4430/titan/script/Palettes/Editor/Selection/PatternJumpNext

Palettes.Editor.Selection.PatternJumpPrevious

Jumps the selection Pattern left by the length of the pattern

MACRO

Void PatternJumpPrevious()

HTTP

http://[ip]:4430/titan/script/Palettes/Editor/Selection/PatternJumpPrevious

Palettes.Editor.Selection.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

```

MACRO
Void PatternNext()
HTTP
http://[ip]:4430/titan/script/Palettes/Editor/Selection/Pattern
Next

```

Palettes.Editor.Selection.PatternPrevious

Moves the selection pattern one place to the left. If there is no selection pattern in force it sets it to be a single fixture.

```

MACRO
Void PatternPrevious()
HTTP
http://[ip]:4430/titan/script/Palettes/Editor/Selection/Pattern
Previous

```

Palettes.Editor.Selection.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

```

MACRO
Void PreviewClear()
HTTP
http://[ip]:4430/titan/script/Palettes/Editor/Selection/Preview
Clear

```

Palettes.Editor.Selection.PreviewSelectFixtures

```

MACRO
Void PreviewSelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
HTTP
http://[ip]:4430/titan/script/Palettes/Editor/Selection/Preview
SelectFixtures

```

Palettes.Editor.Selection.PreviewSetNewHandleSelection

```

MACRO
Void
PreviewSetNewSelection(System.Collections.Generic.IEnumerable`1
[Avolites.Titan.Controllers.Handles.Handle])
HTTP
http://[ip]:4430/titan/script/Palettes/Editor/Selection/Preview
SetNewHandleSelection

```

Palettes.Editor.Selection.SelectFixture

Selects a fixture by handle.

```

MACRO
Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Palettes/Editor/Selection/SelectF
ixture

```

Parameters

handle: The handle.

Palettes.Editor.Selection.SelectFixtures

```

MACRO
Void SelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])

```


HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/Selection/SelectFixtures
```

Palettes.Editor.Selection.SelectFixturesWithTitanIds

MACRO

```
Void
SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerable<System.Int32>)
```

HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/Selection/SelectFixturesWithTitanIds
```

Palettes.Editor.Selection.SetNewHandleSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable<Avolites.Titan.Controllers.Handles.Handle>)
```

HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/Selection/SetNewHandleSelection
```

Palettes.Editor.Selection.SetNewSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable<Avolites.Titan.Controllers.Handles.Custom.FixtureHandle>)
```

HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/Selection/SetNewSelection
```

Palettes.Editor.Selection.StartNewSelection

Sets the start new selection mode to true.

MACRO

```
Void SetStartNewSelection()
```

HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/Selection/StartNewSelection
```

Palettes.Editor.Selection.ValidateFixturesSelected

Throws an error which can be displayed in the menu to prompt the user that no fixtures are selected. You can call this function to determine whether fixtures are selected in menus that require a selection.

MACRO

```
Void ValidateFixturesSelected()
```

HTTP

```
http://[ip]:4430/titan/script/Palettes/Editor/Selection/ValidateFixturesSelected
```

Palettes.Editor.SelectPalette

Selects a palette for editing.

MACRO

```
Void
SelectPalette(Avolites.Titan.Controllers.Handles.Custom.PaletteHandle)
```

HTTP

`http://[ip]:4430/titan/script/Palettes/Editor/SelectPalette`

Parameters

palette: The palette to edit.

Palettes.Editor.SetControlDelayTimeOff

Sets the programmer control delay time off.

MACRO

`Void SetControlDelayTimeOff(Boolean)`

HTTP

`http://[ip]:4430/titan/script/Palettes/Editor/SetControlDelayTimeOff`

Palettes.Editor.SetControlFadeTimeOff

Sets the control fade time off.

MACRO

`Void SetControlFadeTimeOff(Boolean)`

HTTP

`http://[ip]:4430/titan/script/Palettes/Editor/SetControlFadeTimeOff`

Palettes.Editor.SetSelectedControl

Sets the selected control. In Edit times you can select a control to work on. That control will be selected for all fixtures in the cue that have that control. This behaviour is supported by the selection.

MACRO

`Void SetSelectedControl(Avolites.Menus.MenuItem)`

HTTP

`http://[ip]:4430/titan/script/Palettes/Editor/SetSelectedControl`

Parameters

menuItem: The menu item.

Palettes.Editor.SetSelectedGroup

Sets the selected group. In Edit times you can select an IPCGBES group to edit times on. The selection will then lock to all controls in the selected group for all selected fixtures

MACRO

`Void SetSelectedGroup(Avolites.Acw.Titan.AcwRecordMask)`

HTTP

`http://[ip]:4430/titan/script/Palettes/Editor/SetSelectedGroup`

Parameters

group: The group.

Palettes.Editor.SetSelectedGroupAll

Sets the selected group to all attribute groups. In Edit times you can select an IPCGBES group to edit times on. The selection will then lock to all controls in the selected group for all selected fixtures

MACRO

`Void SetSelectedGroupAll()`

HTTP

`http://[ip]:4430/titan/script/Palettes/Editor/SetSelectedGroupAll`

Palettes.Editor.UpdateCaptionText

Takes the index value of an attribute bank touch button and turns it into a string for

```
MACRO
Void UpdateCaptionText(Int32)
HTTP
http://[ip]:4430/titan/script/Palettes/Editor/UpdateCaptionText
```

Parameters

groupIndex: Index of the group.

Palettes.Editor.UpdateCaptionTextFromMask

Takes the index value of an attribute bank touch button and turns it into a string for

```
MACRO
Void UpdateCaptionTextFromMask(Int32)
HTTP
http://[ip]:4430/titan/script/Palettes/Editor/UpdateCaptionTextFromMask
```

Parameters

groupIndex: Index of the group.

Palettes.Editor.UpdateCaptionTextString

Updates the with . Used for attributes.

```
MACRO
Void UpdateCaptionTextString(System.String)
HTTP
http://[ip]:4430/titan/script/Palettes/Editor/UpdateCaptionTextString
```

3.43.2 Palettes Properties**Palettes.Editor.CaptionText**

Gets or sets the help text to be shown when using the programmer editor

```
MACRO
ActionScript.SetProperty(Palettes.Editor.CaptionText,[value])
HTTP
http://[ip]:4430/titan/get/Palettes/Editor/CaptionText
HTTP
POST /titan/set/Palettes/Editor/CaptionText
```

Palettes.Editor.ControlDelayTime

Gets or sets the current delay time being edited.

```
MACRO
ActionScript.SetProperty(Palettes.Editor.ControlDelayTime,[value])
HTTP
http://[ip]:4430/titan/get/Palettes/Editor/ControlDelayTime
HTTP
POST /titan/set/Palettes/Editor/ControlDelayTime
```

Palettes.Editor.ControlFadeTime

Gets or sets the current fade time being edited.

```
MACRO
ActionScript.SetProperty(Palettes.Editor.ControlFadeTime,[value
])
HTTP
http://[ip]:4430/titan/get/Palettes/Editor/ControlFadeTime
HTTP
POST /titan/set/Palettes/Editor/ControlFadeTime
```

Palettes.Editor.CueEditor

Reference to cue editor

```
MACRO
ActionScript.SetProperty(Palettes.Editor.CueEditor,[value])
HTTP
http://[ip]:4430/titan/get/Palettes/Editor/CueEditor
HTTP
POST /titan/set/Palettes/Editor/CueEditor
```

Palettes.Editor.CueSelectionEditor

Gets or sets the cue selection editor.

```
MACRO
ActionScript.SetProperty(Palettes.Editor.CueSelectionEditor,[va
lue])
HTTP
http://[ip]:4430/titan/get/Palettes/Editor/CueSelectionEditor
HTTP
POST /titan/set/Palettes/Editor/CueSelectionEditor
```

Palettes.Editor.EditControlName

Gets or sets the name of the current control being edited.

```
MACRO
ActionScript.SetProperty(Palettes.Editor.EditControlName,[value
])
HTTP
http://[ip]:4430/titan/get/Palettes/Editor/EditControlName
HTTP
POST /titan/set/Palettes/Editor/EditControlName
```

Palettes.Editor.EditingGroups

Gets or sets a value indicating whether we are editing the context attribute group or a single attribute time for the context fixture selection.

```
MACRO
ActionScript.SetProperty(Palettes.Editor.EditingGroups,[value])
HTTP
http://[ip]:4430/titan/get/Palettes/Editor/EditingGroups
HTTP
POST /titan/set/Palettes/Editor/EditingGroups
```

Palettes.Editor.FixtureEditor

Gets the fixture attribute editor which allows modification of fixture attributes.

```
MACRO
ActionScript.SetProperty(Palettes.Editor.FixtureEditor,[value])
HTTP
http://[ip]:4430/titan/get/Palettes/Editor/FixtureEditor
```

HTTP

POST /titan/set/Palettes/Editor/FixtureEditor

Palettes.Editor.Fixtures.ContextAttribute.FunctionType

Gets the type of the current function in the context attribute.

MACRO

```
ActionScript.SetProperty(Palettes.Editor.Fixtures.ContextAttribute.FunctionType,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Palettes/Editor/Fixtures/ContextAttribute/FunctionType
```

HTTP

POST

```
/titan/set/Palettes/Editor/Fixtures/ContextAttribute/FunctionType
```

Palettes.Editor.Fixtures.ContextAttribute.ValueOff

Gets the if the current attribute Value of the control is OFF

MACRO

```
ActionScript.SetProperty(Palettes.Editor.Fixtures.ContextAttribute.ValueOff,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Palettes/Editor/Fixtures/ContextAttribute/ValueOff
```

HTTP

POST

```
/titan/set/Palettes/Editor/Fixtures/ContextAttribute/ValueOff
```

Palettes.Editor.SelectedPalette

Gets or sets the palette being edited.

MACRO

```
ActionScript.SetProperty(Palettes.Editor.SelectedPalette,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Palettes/Editor/SelectedPalette
```

HTTP

```
POST /titan/set/Palettes/Editor/SelectedPalette
```

Palettes.Editor.SelectedPaletteName

MACRO

```
ActionScript.SetProperty(Palettes.Editor.SelectedPaletteName,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Palettes/Editor/SelectedPaletteName
```

HTTP

```
POST /titan/set/Palettes/Editor/SelectedPaletteName
```

Palettes.Editor.Selection.ContextFixtureHandle

The context fixture is the last fixture which was selected. This fixture is used to determine which attribute controls are displayed to the user.

MACRO

```
ActionScript.SetProperty(Palettes.Editor.Selection.ContextFixtureHandle,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Palettes/Editor/Selection/ContextFix
tureHandle
```

```
HTTP
POST /titan/set/Palettes/Editor/Selection/ContextFixtureHandle
```

Palettes.Editor.Selection.Empty

```
MACRO
ActionScript.SetProperty(Palettes.Editor.Selection.Empty,[value
])
```

```
HTTP
http://[ip]:4430/titan/get/Palettes/Editor/Selection/Empty
```

```
HTTP
POST /titan/set/Palettes/Editor/Selection/Empty
```

Palettes.Editor.Selection.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

```
MACRO
ActionScript.SetProperty(Palettes.Editor.Selection.PatternSele
ct,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Palettes/Editor/Selection/PatternSel
ect
```

```
HTTP
POST /titan/set/Palettes/Editor/Selection/PatternSelect
```

Palettes.Editor.Selection.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

```
MACRO
ActionScript.SetProperty(Palettes.Editor.Selection.RepeatPatter
n,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Palettes/Editor/Selection/RepeatPatt
ern
```

```
HTTP
POST /titan/set/Palettes/Editor/Selection/RepeatPattern
```

3.44 Panel

3.44.1 Panel Methods

Panel.Display.IncrementBrightness

Sets the brightness level for all the attached graphics displays.

```
MACRO
Void DisplayIncrementBrightness(Int32, Single)
```

```
HTTP
http://[ip]:4430/titan/script/Panel/Display/IncrementBrightness
```

Parameters

screenId: The id of the screen to adjust.

value: The new brightness level (0-1)

Panel.FlashLeds

MACRO
Void FlashLeds(System.String, System.Collections.Generic.List`1[System.Int32])
HTTP
http://[ip]:4430/titan/script/Panel/FlashLeds

Panel.FlashLedsInGroup

MACRO
Void FlashLeds(System.String, System.String, System.Collections.Generic.List`1[System.Int32])
HTTP
http://[ip]:4430/titan/script/Panel/FlashLedsInGroup

Panel.IsPanelConnectedWithRole

Determines if any USB panel is connected with the specified role.

MACRO
Boolean IsPanelConnectedWithRole(System.String)
HTTP
http://[ip]:4430/titan/script/Panel/IsPanelConnectedWithRole

Parameters

role: The role to search for in the connected panels.

Returns

Whether a panel exists with the role.

Panel.LedLevel

Set a Level Led to a specified level

MACRO
Void SetLedLevel(System.String, Int32, Single)
HTTP
http://[ip]:4430/titan/script/Panel/LedLevel

Parameters

itemClass: Class of item

index: Index of item

level: Level to set to, float 0-1

Panel.LedOff

Set and LED to off Item must be in no group

MACRO
Void LedOff(System.String, Int32)
HTTP
http://[ip]:4430/titan/script/Panel/LedOff

Parameters

itemClass:

index:

Panel.LedOn

Set an LED to on Item must be in no group

MACRO
Void LedOn(System.String, Int32)
HTTP
http://[ip]:4430/titan/script/Panel/LedOn

Parameters**itemClass:** Class of item**index:** index of item**Panel.LedPulseOff**

Set an LED to stop pulsing. Must be in no group

MACRO

Void LedPulseOff(System.String, Int32)

HTTP

http://[ip]:4430/titan/script/Panel/LedPulseOff

Parameters**itemClass:** Class of item**index:** Index of item**Panel.LedPulseOn**

Set an LED to pulse. Must be in no group

MACRO

Void LedPulseOn(System.String, Int32)

HTTP

http://[ip]:4430/titan/script/Panel/LedPulseOn

Parameters**itemClass:** Class of item**index:** Index of item**Panel.LedPulseOnce**

Set an LED to pulse once (Light up full then decay to its previous level)

MACRO

Void LedPulseOnce(System.String, System.String, Int32)

HTTP

http://[ip]:4430/titan/script/Panel/LedPulseOnce

Parameters**itemClass:** Class of item**itemGroup:** Group of item**index:** Index of item**Panel.Midi.NoteOff**

Sends a MIDI Note On command through all MIDI ports.

MACRO

Void MidiNoteOff(Int32, Int32, Int32)

HTTP

http://[ip]:4430/titan/script/Panel/Midi/NoteOff

Parameters**channel:** The MIDI channel to send on.**data1:** Note**data2:** Velocity**Panel.Midi.NoteOn**

Sends a MIDI Note On command through all MIDI ports.

MACRO

Void MidiNoteOn(Int32, Int32, Int32)

HTTP

http://[ip]:4430/titan/script/Panel/Midi/NoteOn

Parameters

channel: The MIDI channel to send on.
data1: Note
data2: Velocity

Panel.Midi.Send

Sends midi data out of all MIDI ports.

MACRO

Void SendMidiData(System.String)

HTTP

http://[ip]:4430/titan/script/Panel/Midi/Send

Parameters

data: The MIDI data as a HEX string.

Panel.PopLedsInClassAndNoGroup

Discard the current state and retrieve the old one

MACRO

Void PopLedsInClassAndNoGroup(System.String)

HTTP

http://[ip]:4430/titan/script/Panel/PopLedsInClassAndNoGroup

Parameters

className:

Panel.PulseLedsInGroup

MACRO

Void PulseLedsInGroup(System.String, System.String,
System.Collections.Generic.List`1[System.Int32])

HTTP

http://[ip]:4430/titan/script/Panel/PulseLedsInGroup

Panel.PulseLedsInGroupMerge

MACRO

Void PulseLedsInGroupMerge(System.String, System.String,
System.Collections.Generic.List`1[System.Int32],
System.Collections.Generic.List`1[System.Int32])

HTTP

http://[ip]:4430/titan/script/Panel/PulseLedsInGroupMerge

Panel.PushLedsInClassAndNoGroup

Store the current state of a class of LEDs and create a fresh one

MACRO

Void PushLedsInClassAndNoGroup(System.String)

HTTP

http://[ip]:4430/titan/script/Panel/PushLedsInClassAndNoGroup

Parameters

className:

Panel.Screen.IncrementLampSetting

Increments the lamp intensity for the screen panel.

MACRO

Void IncrementLampSetting(Int32, Single)

HTTP

http://[ip]:4430/titan/script/Panel/Screen/IncrementLampSetting

Parameters

index: 0=Lamp Intensity, 1=Nothing

value: An increment between -1 and 1 to add to the existing value. A negative value will decrement the value

Panel.Screen.IncrementScreenBrightness

Sets the brightness level of all the attached LCD screens.

MACRO

```
Void IncrementScreenBrightness(Int32, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Panel/Screen/IncrementScreenBrightness
```

Parameters

screenId: The screen identifier.

value: An increment between -1 and 1 to add to the existing brightness. A negative value will decrement the value

Panel.Screen.IncrementScreenContrast

Sets the contrast level of all the attached screens.

MACRO

```
Void IncrementScreenContrast(Int32, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Panel/Screen/IncrementScreenContrast
```

Parameters

screenId: The screen identifier.

value: An increment between -1 and 1 to add to the existing contrast. A negative value will decrement the value.

Panel.Screen.IncrementScreenSetting

Increments either brightness or contrast by the specified value.

MACRO

```
Void IncrementScreenSetting(Int32, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Panel/Screen/IncrementScreenSetting
```

Parameters

index: 0 = Contrast, 1 = Brightness

value: An increment between -1 and 1 to add to the existing value. A negative value will decrement the value.

Panel.SelectLed

MACRO

```
Void SelectLed(System.String, System.Collections.Generic.List<System.Int32>)
```

HTTP

```
http://[ip]:4430/titan/script/Panel/SelectLed
```

Panel.SelectSoloLed

Turns on an LEDs in a class and no group and turns off all other LEDs in that class and not in any group

MACRO

```
Void SelectSoloLed(System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Panel/SelectSoloLed
```

Parameters

itemClass: Name of class of items
ledIndex: Index of the LED to turn on

Panel.SelectSoloLedInGroup

Turns on an LEDs in a class and group turns off all other LEDs in that class and group

MACRO

```
Void SelectSoloLedInGroup(System.String, System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Panel/SelectSoloLedInGroup
```

Parameters

itemClass: Name of class of items
group: Name of the group of items
index: Index of the LED to turn on

Panel.SetAudioPanelStatus

Sets the audio panel status.

MACRO

```
Void SetAudioPanelStatus(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Panel/SetAudioPanelStatus
```

Parameters

enabled: if set to

Panel.SetColourLed

Set the value of a coloured LED using four bytes to represent the colour components ARGB.

MACRO

```
Void SetColourLed(System.String, System.String, Int32, Int32, Int32, Int32, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Panel/SetColourLed
```

Parameters

itemClass: The class the LED to be set is in.
itemGroup: The item group.
index: The index of the LED in the class.
alpha: The alpha value.
red: The red value.
green: The green value.
blue: The blue value.

Panel.SetFaderLevel

Sets the level of a motorised fader.

MACRO

```
Void SetFaderLevel(System.String, Int32, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Panel/SetFaderLevel
```

Parameters

itemClass: The panel item class identifier.
index: The panel item index.
level: The level to move the fader to, scaled 0-100.

Panel.SetLed

Menu function to set the value of an Led with a Boolean.

```
MACRO
Void SetLed(System.String, Int32, Boolean)
HTTP
http://[ip]:4430/titan/script/Panel/SetLed
```

Parameters

- itemClass:** The class the LED to be set is in.
- index:** The index of the LED in the class.
- value:** A boolean value of whether the LED is on or off.

Panel.SetLedFlash

Sets the flash state of an LED.

```
MACRO
Void SetLedFlash(System.String, Int32, Boolean)
HTTP
http://[ip]:4430/titan/script/Panel/SetLedFlash
```

Parameters

- itemClass:** The class that the led is in. Supports a list a list of items seperated by a semi colon.
- index:** The index of the led within the class.
- on:** True = turn on flash, Falsse = turn off flash.

Panel.SetLedFull

Sets a level Led to full on or full off.

```
MACRO
Void SetLedFull(System.String, Int32, Boolean)
HTTP
http://[ip]:4430/titan/script/Panel/SetLedFull
```

Parameters

- itemClass:** Class of item
- index:** Index of item
- on:** True will set the level to full on.

Panel.ShortOffFlashLeds

```
MACRO
Void ShortOffFlashLeds(System.String,
System.Collections.Generic.List`1[System.Int32])
HTTP
http://[ip]:4430/titan/script/Panel/ShortOffFlashLeds
```

3.44.2 Panel Properties**Panel.Display1.Brightness**

The screen brightness level for Display 1.

```
MACRO
ActionScript.SetProperty(Panel.Display1.Brightness,[value])
HTTP
http://[ip]:4430/titan/get/Panel/Display1/Brightness
HTTP
POST /titan/set/Panel/Display1/Brightness
```

Panel.Display2.Brightness

The screen brightness level for Display 2.

```
MACRO
ActionScript.SetProperty(Panel.Display2.Brightness,[value])
```

```

HTTP
http://[ip]:4430/titan/get/Panel/Display2/Brightness
HTTP
POST /titan/set/Panel/Display2/Brightness

```

Panel.Screen.Brightness

The screen brightness level for the LCD screen.

```

MACRO
ActionScript.SetProperty(Panel.Screen.Brightness,[value])
HTTP
http://[ip]:4430/titan/get/Panel/Screen/Brightness
HTTP
POST /titan/set/Panel/Screen/Brightness

```

Panel.Screen.Contrast

The screen contrast for the LCD screen.

```

MACRO
ActionScript.SetProperty(Panel.Screen.Contrast,[value])
HTTP
http://[ip]:4430/titan/get/Panel/Screen/Contrast
HTTP
POST /titan/set/Panel/Screen/Contrast

```

Panel.Screen.LampIntensity

The current console lamp intensity.

```

MACRO
ActionScript.SetProperty(Panel.Screen.LampIntensity,[value])
HTTP
http://[ip]:4430/titan/get/Panel/Screen/LampIntensity
HTTP
POST /titan/set/Panel/Screen/LampIntensity

```

Panel.Screen.SelectedSetting

Gets or sets the panel property being edited.

```

MACRO
ActionScript.SetProperty(Panel.Screen.SelectedSetting,[value])
HTTP
http://[ip]:4430/titan/get/Panel/Screen/SelectedSetting
HTTP
POST /titan/set/Panel/Screen/SelectedSetting

```

3.45 PanelManager

3.45.1 PanelManager Methods

PanelManager.SetScreenState

Sets the state of a screen

```

MACRO
Void SetScreenStateMenu(System.String, Int32, Boolean)
HTTP
http://[ip]:4430/titan/script/PanelManager/SetScreenState

```

Parameters

group: The group.

index: The index.
enable: if set to

3.46 Patch

3.46.1 Patch Methods

Patch.ActiveFixtureList

A list of possible active fixture devices for patching.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
ActiveFixtureList()
```

HTTP

```
http://[ip]:4430/titan/script/Patch/ActiveFixtureList
```

Returns

All available active fixture devices.

Patch.AvailableEditPersonalities

Gets a list of fixture types.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
AvailableEditPersonalities()
```

HTTP

```
http://[ip]:4430/titan/script/Patch/AvailableEditPersonalities
```

Returns

A list of menu items with fixture types.

Patch.AvailablePersonalityUpdates

Gets a list of fixture types which have a newer personality available.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
AvailablePersonalityUpdates()
```

HTTP

```
http://[ip]:4430/titan/script/Patch/AvailablePersonalityUpdates
```

Returns

A list of menu items with fixture types.

Patch.DeleteUserPersonalityFile

Deletes a user personality as it has not been any update.

MACRO

```
Void DeleteUserPersonalityFile(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Patch/DeleteUserPersonalityFile
```

Parameters

fileName: Name of the file.

Patch.EditPersonality

Edits a personality.

MACRO

```
Void EditPersonality(Avolites.Menus.MenuItem)
```

HTTP

```
http://[ip]:4430/titan/script/Patch/EditPersonality
```

Parameters

item:

Patch.FindFixture.Find

Finds the fixture.

MACRO

Void FindFixture()

HTTP

http://[ip]:4430/titan/script/Patch/FindFixture/Find

Patch.FindFixture.Finish

Finishes the find. Removes from the programmer and Deletes the fixture

MACRO

Void FinishFind()

HTTP

http://[ip]:4430/titan/script/Patch/FindFixture/Finish

Patch.FindFixture.Start

Starts the FindFixture Mode.

MACRO

Void StartFind()

HTTP

http://[ip]:4430/titan/script/Patch/FindFixture/Start

Patch.FindNewUniverseActiveFixtureAddress

Finds the first free DMX address in a new universe

MACRO

Void FindNewUniverseActiveFixtureAddress(System.String)

HTTP

http://[ip]:4430/titan/script/Patch/FindNewUniverseActiveFixtureAddress

Parameters

activeFixtureId: The active fixture id.

Patch.FindNewUniverseDmxAddress

Finds the first free DMX address in a new universe

MACRO

Void FindNewUniverseDmxAddress()

HTTP

http://[ip]:4430/titan/script/Patch/FindNewUniverseDmxAddress

Patch.FixtureManufacturers

A list of possible fixture manufacturers to patch.

MACRO

System.Collections.Generic.List`1[System.String]
FixtureManufacturers()

HTTP

http://[ip]:4430/titan/script/Patch/FixtureManufacturers

Returns

All manufacturer names available for patching.

Patch.FixtureModes

All possible fixture modes for the current manufacturer and fixture.

MACRO

System.Collections.Generic.List`1[System.String] FixtureModes()

HTTP

http://[ip]:4430/titan/script/Patch/FixtureModes

Returns

A list of fixture modes.

Patch.FixtureNames

All fixture names available in the current manufacturer.

MACRO

System.Collections.Generic.List`1[System.String] FixtureNames()

HTTP

http://[ip]:4430/titan/script/Patch/FixtureNames

Returns

A list of manufacturer names.

Patch.FixtureSwapComplete

clears the set fixtures stored for the swap operation

MACRO

Void FixtureSwapComplete()

HTTP

http://[ip]:4430/titan/script/Patch/FixtureSwapComplete

Patch.GetFixtureType

Gets the fixture type ID for the specified personality file.

MACRO

Void GetFixtureType(System.String, System.String)

HTTP

http://[ip]:4430/titan/script/Patch/GetFixtureType

Parameters

propertyId: The property to put the result in.
fileName: Name of the file.

Patch.IsParkAddress

Determines if a DMX assignment is the assignment for a parked fixture.

MACRO

Boolean IsParkAddress(Avolites.Acw.Titan.DmxAssignment)

HTTP

http://[ip]:4430/titan/script/Patch/IsParkAddress

Parameters

targetAddress: The dmx address to text.

Returns

Whether the DMX assignment is a parked assignment.

Patch.NextDMXAddress

Next DMX address.

MACRO

Void NextDMXAddress()

HTTP

http://[ip]:4430/titan/script/Patch/NextDMXAddress

Patch.NextDMXSlot

Increments the DMX address by the current DMX slot size.

MACRO

Void NextDMXSlot()

HTTP

[http://\[ip\]:4430/titan/script/Patch/NextDMXSlot](http://[ip]:4430/titan/script/Patch/NextDMXSlot)

Patch.NextDMXUniverse

Next DMX universe.

MACRO

Void NextDMXUniverse()

HTTP

[http://\[ip\]:4430/titan/script/Patch/NextDMXUniverse](http://[ip]:4430/titan/script/Patch/NextDMXUniverse)

Patch.OnRangeValueChanged

Called when the value of the displayed range changes

MACRO

Void OnRangeValueChange(System.String, Single)

HTTP

[http://\[ip\]:4430/titan/script/Patch/OnRangeValueChanged](http://[ip]:4430/titan/script/Patch/OnRangeValueChanged)

Parameters

functionName: the updated function name

functionRange: The updated range

Patch.PreviousDMXAddress

Previous DMX address.

MACRO

Void PreviousDMXAddress()

HTTP

[http://\[ip\]:4430/titan/script/Patch/PreviousDMXAddress](http://[ip]:4430/titan/script/Patch/PreviousDMXAddress)

Patch.PreviousDMXSlot

Decrements the DMX address by the current DMX slot size.

MACRO

Void PreviousDMXSlot()

HTTP

[http://\[ip\]:4430/titan/script/Patch/PreviousDMXSlot](http://[ip]:4430/titan/script/Patch/PreviousDMXSlot)

Patch.PreviousDMXUniverse

Previous DMX universe.

MACRO

Void PreviousDMXUniverse()

HTTP

[http://\[ip\]:4430/titan/script/Patch/PreviousDMXUniverse](http://[ip]:4430/titan/script/Patch/PreviousDMXUniverse)

Patch.RefreshNextActiveFixturePatchAddress

Gets the next free patch slot for an active fixture

MACRO

Void RefreshNextActiveFixturePatchSlot(System.String)

HTTP

[http://\[ip\]:4430/titan/script/Patch/RefreshNextActiveFixturePatchAddress](http://[ip]:4430/titan/script/Patch/RefreshNextActiveFixturePatchAddress)

Parameters

activeFixtureDeviceId: The active fixture device id.

Patch.RefreshNextPatchAddress

Contacts the titan engine and gets the next available universe and dmx address after the current address. Also takes account of of the amount of channels required to patch the fixture.

MACRO

```
Void RefreshNextPatchAddress(System.String, System.String,
System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Patch/RefreshNextPatchAddress
```

Parameters

manufacturer: The manufacturer of the fixture to find a slot for.

name: The name of the fixture to find a slot for.

mode: he mode of the fixture to find a slot for.

Patch.Repatch.ParkSelectedFixtures

Parks the selected fixtures.

MACRO

```
Void ParkSelectedFixtures()
```

HTTP

```
http://[ip]:4430/titan/script/Patch/Repatch/ParkSelectedFixtures
```

Patch.Repatch.RepatchSelectedFixtures

Repatch the selected fixtures.

MACRO

```
Void RepatchSelectedFixtures(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Patch/Repatch/RepatchSelectedFixtures
```

Parameters

forcePark: if set to

Patch.Repatch.SelectDimmerAddress

Selects the dimmer address for the current fixture.

MACRO

```
Void SelectDimmerAddress(Avolites.Acw.Titan.DmxAssignment)
```

HTTP

```
http://[ip]:4430/titan/script/Patch/Repatch/SelectDimmerAddress
```

Parameters

dmxAddress: The DMX address.

Patch.Repatch.SelectDimmerAddresses

MACRO

```
Void
SelectDimmerAddresses(System.Collections.Generic.IDictionary`2[
Avolites.Titan.Controllers.Handles.Handle,System.Collections.Generic.IEnumerable`1[Avolites.Acw.Titan.DmxAssignment]])
```

HTTP

```
http://[ip]:4430/titan/script/Patch/Repatch/SelectDimmerAddresses
```

Patch.Repatch.SetDmxAddressesFromSelectedFixture

Sets the curent DMX address and universe properties from the selected fixture.

MACRO

```
Void SetDmxAddressesFromSelectedFixture()
```

HTTP

```
http://[ip]:4430/titan/script/Patch/Repatch/SetDmxAddressesFromSelectedFixture
```

Patch.Repatch.UnParkSelectedFixtures

UnParks the selected fixtures.

MACRO

Void UnParkSelectedFixtures(Boolean)

HTTP

http://[ip]:4430/titan/script/Patch/Repatch/UnParkSelectedFixtures

Parameters

forcePark: if set to

Patch.Repatch.UpdateCurrentOffset

Sets the correct DMX channel offset/spacing value when entering the repatch menu. This should default to the channel count of the fixture with the greatest number of DMX channels.

MACRO

Void UpdateCurrentOffset()

HTTP

http://[ip]:4430/titan/script/Patch/Repatch/UpdateCurrentOffset

Patch.Repatch.UserChangedDmxSpacing

Called when the user changes the DMX Channel spacing patch option. Ensures the requested spacing is large enough for the fixture in the current selection that has the greatest number of channels.

MACRO

Void UserChangedRepatchDmxSpacing()

HTTP

http://[ip]:4430/titan/script/Patch/Repatch/UserChangedDmxSpacing

Patch.SelectActiveFixture

Selects an active fixture device for patching.

MACRO

Void SelectActiveFixture(Avolites.Menus.MenuItem)

HTTP

http://[ip]:4430/titan/script/Patch/SelectActiveFixture

Parameters

selection: The menu item containing the selected active fixture device.

Patch.SelectFixture

Selects a fixture name for patching.

MACRO

Void SelectFixture(System.String)

HTTP

http://[ip]:4430/titan/script/Patch/SelectFixture

Parameters

id: The name of the fixture.

Patch.SelectFixtureMode

Selects a fixture mode for patching.

MACRO

Void SelectFixtureMode(System.String)

HTTP

http://[ip]:4430/titan/script/Patch/SelectFixtureMode

Parameters

id: The mode name for the current fixture.

Patch.SelectManufacturer

Selects a manufacturer for patching.

MACRO

```
Void SelectManufacturer(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Patch/SelectManufacturer
```

Parameters

id: The name of the manufacturer.

Patch.SetCurrentDmxAssignment

Sets the current DMX assignment which is an ObservableDmxAssignment from a normal DmxAssignment.

MACRO

```
Void SetCurrentDmxAssignment(Avolites.Acw.Titan.DmxAssignment)
```

HTTP

```
http://[ip]:4430/titan/script/Patch/SetCurrentDmxAssignment
```

Parameters

address: The address.

Patch.SetCurrentFixture

Sets the current fixture.

MACRO

```
Void SetCurrentFixture(System.String, System.String, System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Patch/SetCurrentFixture
```

Parameters

manufacturer: The manufacturer.

name: The name.

mode: The mode.

channelCount: The channel count.

Patch.SetDmxChannelSpacingOnLoad

Sets the DMX channel spacing on the load of a fixture mode.

MACRO

```
Void SetDmxChannelSpacingOnLoad(System.String, System.String, System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Patch/SetDmxChannelSpacingOnLoad
```

Parameters

property: The property.

manufacturer: The manufacturer.

model: The model.

mode: The mode.

Patch.SwapFixtureAddress

Swaps the fixture address.

MACRO

```
Void SwapFixtureAddress()
```

HTTP

```
http://[ip]:4430/titan/script/Patch/SwapFixtureAddress
```

Patch.SwapOperation

MACRO
Void SwapOperation(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])
HTTP
http://[ip]:4430/titan/script/Patch/SwapOperation

Patch.UpdateAllPersonalities

Updates all personalities for which there is an update for.

MACRO
Void UpdateAllPersonalities()
HTTP
http://[ip]:4430/titan/script/Patch/UpdateAllPersonalities

Patch.UpdatePersonality

Updates the personality for the specified fixture type.

MACRO
Void UpdatePersonality(System.String)
HTTP
http://[ip]:4430/titan/script/Patch/UpdatePersonality

Parameters

fixtureTypeId: The id of the fixture type to update.

Patch.UserChangedDmxAddress

Set a flag to indicate the user had edited the DMX address

MACRO
Void UserChangedDmxAddress()
HTTP
http://[ip]:4430/titan/script/Patch/UserChangedDmxAddress

Patch.UserChangedDmxSpacing

Called when the user changes the DMX Channel spacing patch option. Ensures the requested spacing is large enough for the currently selected fixture.

MACRO
Void UserChangedDmxSpacing()
HTTP
http://[ip]:4430/titan/script/Patch/UserChangedDmxSpacing

Patch.ValidateCurrentDmxAddress

Validates the current DMX address.

MACRO
Void ValidateCurrentDmxAddress()
HTTP
http://[ip]:4430/titan/script/Patch/ValidateCurrentDmxAddress

Patch.ValidateCurrentUserNumber

Validates the current user number.

MACRO
Void ValidateCurrentUserNumber()
HTTP
http://[ip]:4430/titan/script/Patch/ValidateCurrentUserNumber

3.46.2 Patch Properties

Patch.AddressValidationMode

```
MACRO
ActionScript.SetProperty(Patch.AddressValidationMode,[value])
HTTP
http://[ip]:4430/titan/get/Patch/AddressValidationMode
HTTP
POST /titan/set/Patch/AddressValidationMode
```

Patch.AutoAddressSupported

Gets or sets whether auto addressing the active fixture is supported.

```
MACRO
ActionScript.SetProperty(Patch.AutoAddressSupported,[value])
HTTP
http://[ip]:4430/titan/get/Patch/AutoAddressSupported
HTTP
POST /titan/set/Patch/AutoAddressSupported
```

Patch.ConflictingDmxAssignment

Gets or sets the conflicting DMX assignment. This is the value being displayed to the user for repatch for the pending action.

```
MACRO
ActionScript.SetProperty(Patch.ConflictingDmxAssignment,[value]
)
HTTP
http://[ip]:4430/titan/get/Patch/ConflictingDmxAssignment
HTTP
POST /titan/set/Patch/ConflictingDmxAssignment
```

Patch.CurrentActiveFixture

Gets or sets the selected active fixture id.

```
MACRO
ActionScript.SetProperty(Patch.CurrentActiveFixture,[value])
HTTP
http://[ip]:4430/titan/get/Patch/CurrentActiveFixture
HTTP
POST /titan/set/Patch/CurrentActiveFixture
```

Patch.CurrentActiveFixtureName

Gets or sets the name of the active fixture device being patched.

```
MACRO
ActionScript.SetProperty(Patch.CurrentActiveFixtureName,[value]
)
HTTP
http://[ip]:4430/titan/get/Patch/CurrentActiveFixtureName
HTTP
POST /titan/set/Patch/CurrentActiveFixtureName
```

Patch.CurrentDmxAddressValid

Gets or sets whether the current DMX Assignment has a valid address.

```
MACRO
ActionScript.SetProperty(Patch.CurrentDmxAddressValid,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Patch/CurrentDmxAddressValid
HTTP
POST /titan/set/Patch/CurrentDmxAddressValid
```

Patch.CurrentDmxAssignment

Gets or sets the current DMX assignment. This is the value being displayed/edited by the user and is used by patch and repatch for the pending action.

```
MACRO
ActionScript.SetProperty(Patch.CurrentDmxAssignment,[value])
HTTP
http://[ip]:4430/titan/get/Patch/CurrentDmxAssignment
HTTP
POST /titan/set/Patch/CurrentDmxAssignment
```

Patch.CurrentDmxSpacing

Gets or sets the current DMX spacing. This is the number of channels to add to the next DMX start address when performing a patch using marquee or fixture quantity.

```
MACRO
ActionScript.SetProperty(Patch.CurrentDmxSpacing,[value])
HTTP
http://[ip]:4430/titan/get/Patch/CurrentDmxSpacing
HTTP
POST /titan/set/Patch/CurrentDmxSpacing
```

Patch.CurrentDmxSpacingValid

Gets or sets a value indicating whether the current DMX spacing is valid. Essentially requires the specified channel spacing to be larger than the number of channels required in the fixture.

```
MACRO
ActionScript.SetProperty(Patch.CurrentDmxSpacingValid,[value])
HTTP
http://[ip]:4430/titan/get/Patch/CurrentDmxSpacingValid
HTTP
POST /titan/set/Patch/CurrentDmxSpacingValid
```

Patch.CurrentDmxUniverseValid

Gets or sets whether the current DMX Assignment has a valid universe.

```
MACRO
ActionScript.SetProperty(Patch.CurrentDmxUniverseValid,[value])
HTTP
http://[ip]:4430/titan/get/Patch/CurrentDmxUniverseValid
HTTP
POST /titan/set/Patch/CurrentDmxUniverseValid
```

Patch.CurrentFixtureBackupAddress

Gets or sets the current fixture backup address.

```
MACRO
ActionScript.SetProperty(Patch.CurrentFixtureBackupAddress,[value])
HTTP
http://[ip]:4430/titan/get/Patch/CurrentFixtureBackupAddress
```

```
HTTP
POST /titan/set/Patch/CurrentFixtureBackupAddress
```

Patch.CurrentFixtureManufacturer

Gets and sets the current fixture manufacturer to patch.

```
MACRO
ActionScript.SetProperty(Patch.CurrentFixtureManufacturer, [value])
HTTP
http://[ip]:4430/titan/get/Patch/CurrentFixtureManufacturer
HTTP
POST /titan/set/Patch/CurrentFixtureManufacturer
```

Patch.CurrentFixtureMode

Gets and sets the current fixture mode inside the current manufacturer and fixture for patching.

```
MACRO
ActionScript.SetProperty(Patch.CurrentFixtureMode, [value])
HTTP
http://[ip]:4430/titan/get/Patch/CurrentFixtureMode
HTTP
POST /titan/set/Patch/CurrentFixtureMode
```

Patch.CurrentFixtureName

Gets and sets the current fixture name of the current manufacturer for patching.

```
MACRO
ActionScript.SetProperty(Patch.CurrentFixtureName, [value])
HTTP
http://[ip]:4430/titan/get/Patch/CurrentFixtureName
HTTP
POST /titan/set/Patch/CurrentFixtureName
```

Patch.CurrentFixtureParked

Gets or sets a value indicating whether the current DMX address is a parked address.

```
MACRO
ActionScript.SetProperty(Patch.CurrentFixtureParked, [value])
HTTP
http://[ip]:4430/titan/get/Patch/CurrentFixtureParked
HTTP
POST /titan/set/Patch/CurrentFixtureParked
```

Patch.CurrentFixtureQuantity

Obtains the current number of fixtures to patch at once.

```
MACRO
ActionScript.SetProperty(Patch.CurrentFixtureQuantity, [value])
HTTP
http://[ip]:4430/titan/get/Patch/CurrentFixtureQuantity
HTTP
POST /titan/set/Patch/CurrentFixtureQuantity
```

Patch.CurrentUserNumber

The user number the next patched fixture will obtain.

MACRO
ActionScript.SetProperty(Patch.CurrentUserNumber,[value])
HTTP
http://[ip]:4430/titan/get/Patch/CurrentUserNumber
HTTP
POST /titan/set/Patch/CurrentUserNumber

Patch.CurrentUserNumberValid

Gets or sets whether the current user number is valid.

MACRO
ActionScript.SetProperty(Patch.CurrentUserNumberValid,[value])
HTTP
http://[ip]:4430/titan/get/Patch/CurrentUserNumberValid
HTTP
POST /titan/set/Patch/CurrentUserNumberValid

Patch.EditingPersonality

MACRO
ActionScript.SetProperty(Patch.EditingPersonality,[value])
HTTP
http://[ip]:4430/titan/get/Patch/EditingPersonality
HTTP
POST /titan/set/Patch/EditingPersonality

Patch.EditPersonalityFile

Gets or sets the personality file being edited.

MACRO
ActionScript.SetProperty(Patch.EditPersonalityFile,[value])
HTTP
http://[ip]:4430/titan/get/Patch/EditPersonalityFile
HTTP
POST /titan/set/Patch/EditPersonalityFile

Patch.ErrorMessage

MACRO
ActionScript.SetProperty(Patch.ErrorMessage,[value])
HTTP
http://[ip]:4430/titan/get/Patch/ErrorMessage
HTTP
POST /titan/set/Patch/ErrorMessage

Patch.FindMode

Gets or sets the FindMode. It is used for the toggle in Option in PatchMenu and to Start and Finish Find Mode

MACRO
ActionScript.SetProperty(Patch.FindMode,[value])
HTTP
http://[ip]:4430/titan/get/Patch/FindMode
HTTP
POST /titan/set/Patch/FindMode

Patch.PendingLegend

Gets or sets the pending legend for the next fixture to be patched

MACRO
ActionScript.SetProperty(Patch.PendingLegend,[value])

```

HTTP
http://[ip]:4430/titan/get/Patch/PendingLegend
HTTP
POST /titan/set/Patch/PendingLegend

```

Patch.PersonalityUpdatesAvailable

Gets or sets whether ant personality updates exist for patched fixtures.

```

MACRO
ActionScript.SetProperty(Patch.PersonalityUpdatesAvailable,[value])
HTTP
http://[ip]:4430/titan/get/Patch/PersonalityUpdatesAvailable
HTTP
POST /titan/set/Patch/PersonalityUpdatesAvailable

```

Patch.Repatch.BunchUp

```

MACRO
ActionScript.SetProperty(Patch.Repatch.BunchUp,[value])
HTTP
http://[ip]:4430/titan/get/Patch/Repatch/BunchUp
HTTP
POST /titan/set/Patch/Repatch/BunchUp

```

Patch.Repatch.Options

```

MACRO
ActionScript.SetProperty(Patch.Repatch.Options,[value])
HTTP
http://[ip]:4430/titan/get/Patch/Repatch/Options
HTTP
POST /titan/set/Patch/Repatch/Options

```

Patch.Repatch.SelectedFixtureHandles

Gets or sets the selected fixture handles.

```

MACRO
ActionScript.SetProperty(Patch.Repatch.SelectedFixtureHandles,[value])
HTTP
http://[ip]:4430/titan/get/Patch/Repatch/SelectedFixtureHandles
HTTP
POST /titan/set/Patch/Repatch/SelectedFixtureHandles

```

Patch.Repatch.ShowSelection

Gets or sets a value indicating whether show selection in the patch view.

```

MACRO
ActionScript.SetProperty(Patch.Repatch.ShowSelection,[value])
HTTP
http://[ip]:4430/titan/get/Patch/Repatch/ShowSelection
HTTP
POST /titan/set/Patch/Repatch/ShowSelection

```

Patch.SelectedFunction

```

MACRO
ActionScript.SetProperty(Patch.SelectedFunction,[value])

```

HTTP
http://[ip]:4430/titan/get/Patch/SelectedFunction
HTTP
POST /titan/set/Patch/SelectedFunction

Patch.SelectedFunctionRange

MACRO
ActionScript.SetProperty(Patch.SelectedFunctionRange,[value])
HTTP
http://[ip]:4430/titan/get/Patch/SelectedFunctionRange
HTTP
POST /titan/set/Patch/SelectedFunctionRange

Patch.SwapError

MACRO
ActionScript.SetProperty(Patch.SwapError,[value])
HTTP
http://[ip]:4430/titan/get/Patch/SwapError
HTTP
POST /titan/set/Patch/SwapError

Patch.SwapFixture.SwapType

MACRO
ActionScript.SetProperty(Patch.SwapFixture.SwapType,[value])
HTTP
http://[ip]:4430/titan/get/Patch/SwapFixture/SwapType
HTTP
POST /titan/set/Patch/SwapFixture/SwapType

Patch.UpdatedDmxLine

Represents the selected dmx line in patch view

MACRO
ActionScript.SetProperty(Patch.UpdatedDmxLine,[value])
HTTP
http://[ip]:4430/titan/get/Patch/UpdatedDmxLine
HTTP
POST /titan/set/Patch/UpdatedDmxLine

Patch.UseActiveFixtureAddress

Gets or sets whether to use the active fixtures existing dmx address when patching or to assign a new one.

MACRO
ActionScript.SetProperty(Patch.UseActiveFixtureAddress,[value])
HTTP
http://[ip]:4430/titan/get/Patch/UseActiveFixtureAddress
HTTP
POST /titan/set/Patch/UseActiveFixtureAddress

3.47 PatchSelection**3.47.1 PatchSelection Methods****PatchSelection.AllowAllFixtures**

Allow all fixtures to be selected again

```

MACRO
Void ClearRestrictedSelection()
HTTP
http://[ip]:4430/titan/script/PatchSelection/AllowAllFixtures

```

PatchSelection.Clear

Clears the current selection but not Titan's programmer

```

MACRO
Void Clear()
HTTP
http://[ip]:4430/titan/script/PatchSelection/Clear

```

PatchSelection.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

```

MACRO
Void ClearSelectionPattern()
HTTP
http://[ip]:4430/titan/script/PatchSelection/ClearPatternSelect

```

PatchSelection.GetSelectedFixtures

Gets the selected fixture handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

```

MACRO
Void GetSelectedFixtures(System.String)
HTTP
http://[ip]:4430/titan/script/PatchSelection/GetSelectedFixtures

```

Parameters

menuProperty: The menu property.

PatchSelection.GetSelectedHandles

Gets the selected handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

```

MACRO
Void GetSelectedHandles(System.String)
HTTP
http://[ip]:4430/titan/script/PatchSelection/GetSelectedHandles

```

Parameters

menuProperty: The menu property.

PatchSelection.HighlightSelectedHandles

Sets the handles of all the selected fixtures to highlight so their LEDs pulse. Use ClearAllHighlights() to cancel this.

```

MACRO
Void HighlightSelectedHandles()
HTTP
http://[ip]:4430/titan/script/PatchSelection/HighlightSelectedHandles

```

PatchSelection.InvertPattern

Inverts the currently active pattern if there is one.

```

MACRO
Void InvertPattern()
HTTP
http://[ip]:4430/titan/script/PatchSelection/InvertPattern

```

PatchSelection.PatternJumpNext

Jumps the selection Patten right by the length of the pattern

MACRO

Void PatternJumpNext()

HTTP

http://[ip]:4430/titan/script/PatchSelection/PatternJumpNext

PatchSelection.PatternJumpPrevious

Jumps the selection Patten left by the length of the pattern

MACRO

Void PatternJumpPrevious()

HTTP

http://[ip]:4430/titan/script/PatchSelection/PatternJumpPrevious

PatchSelection.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternNext()

HTTP

http://[ip]:4430/titan/script/PatchSelection/PatternNext

PatchSelection.PatternPrevious

Moves the selection pattern one place to the left If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternPrevious()

HTTP

http://[ip]:4430/titan/script/PatchSelection/PatternPrevious

PatchSelection.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

MACRO

Void PreviewClear()

HTTP

http://[ip]:4430/titan/script/PatchSelection/PreviewClear

PatchSelection.PreviewSelectFixtures

MACRO

Void PreviewSelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])

HTTP

http://[ip]:4430/titan/script/PatchSelection/PreviewSelectFixtures

PatchSelection.PreviewSetNewHandleSelection

MACRO

Void
PreviewSetNewSelection(System.Collections.Generic.IEnumerable`1
[Avolites.Titan.Controllers.Handles.Handle])

HTTP

http://[ip]:4430/titan/script/PatchSelection/PreviewSetNewHandleSelection

PatchSelection.SelectFixture

Selects a fixture by handle.

MACRO

```
Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/PatchSelection/SelectFixture
```

Parameters

handle: The handle.

PatchSelection.SelectFixtures

MACRO

```
Void SelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/PatchSelection/SelectFixtures
```

PatchSelection.SelectFixturesWithTitanIds

MACRO

```
Void
SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerab
le`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/PatchSelection/SelectFixturesWith
TitanIds
```

PatchSelection.SetNewHandleSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolit
es.Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/PatchSelection/SetNewHandleSelect
ion
```

PatchSelection.SetNewSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolit
es.Titan.Controllers.Handles.Custom.FixtureHandle])
```

HTTP

```
http://[ip]:4430/titan/script/PatchSelection/SetNewSelection
```

PatchSelection.StartNewSelection

Sets the start new selection mode to true.

MACRO

```
Void SetStartNewSelection()
```

HTTP

```
http://[ip]:4430/titan/script/PatchSelection/StartNewSelection
```

PatchSelection.ValidateFixturesSelected

Throws an error which can be displayed in the menu to prompt the user that no fixtures are selected. You can call this function to determine whether fixtures are selected in menus that require a selection.

MACRO

```
Void ValidateFixturesSelected()
```

```
HTTP
http://[ip]:4430/titan/script/PatchSelection/ValidateFixturesSelected
```

3.47.2 PatchSelection Properties

PatchSelection.ContextFixtureHandle

The context fixture is the last fixture which was selected. This fixture is used to determine which attribute controls are displayed to the user.

```
MACRO
ActionScript.SetProperty(PatchSelection.ContextFixtureHandle,[value])
```

```
HTTP
http://[ip]:4430/titan/get/PatchSelection/ContextFixtureHandle
```

```
HTTP
POST /titan/set/PatchSelection/ContextFixtureHandle
```

PatchSelection.Empty

```
MACRO
ActionScript.SetProperty(PatchSelection.Empty,[value])
```

```
HTTP
http://[ip]:4430/titan/get/PatchSelection/Empty
```

```
HTTP
POST /titan/set/PatchSelection/Empty
```

PatchSelection.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

```
MACRO
ActionScript.SetProperty(PatchSelection.PatternSelect,[value])
```

```
HTTP
http://[ip]:4430/titan/get/PatchSelection/PatternSelect
```

```
HTTP
POST /titan/set/PatchSelection/PatternSelect
```

PatchSelection.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

```
MACRO
ActionScript.SetProperty(PatchSelection.RepeatPattern,[value])
```

```
HTTP
http://[ip]:4430/titan/get/PatchSelection/RepeatPattern
```

```
HTTP
POST /titan/set/PatchSelection/RepeatPattern
```

3.48 PatchView

3.48.1 PatchView Properties

PatchView.Controller.FixtureCells

```
MACRO
ActionScript.SetProperty(PatchView.Controller.FixtureCells,[value])
```

```
HTTP
http://[ip]:4430/titan/get/PatchView/Controller/FixtureCells
```

```
HTTP
POST /titan/set/PatchView/Controller/FixtureCells
```

PatchView.Controller.ShowParkedAddress

Determines whether or not parked fixtures should be visible in the lines they were patched as well as in the parked section.

```
MACRO
ActionScript.SetProperty(PatchView.Controller.ShowParkedAddress
,[value])
```

```
HTTP
http://[ip]:4430/titan/get/PatchView/Controller/ShowParkedAddress
```

```
HTTP
POST /titan/set/PatchView/Controller/ShowParkedAddress
```

3.49 PatchViewControl

3.49.1 PatchViewControl Methods

PatchViewControl.ClearPersonalitySelection

```
MACRO
Void ClearPersonalitySelection()
```

```
HTTP
http://[ip]:4430/titan/script/PatchViewControl/ClearPersonalitySelection
```

PatchViewControl.ColumnLeft

```
MACRO
Void ColumnLeft()
```

```
HTTP
http://[ip]:4430/titan/script/PatchViewControl/ColumnLeft
```

PatchViewControl.ColumnRight

```
MACRO
Void ColumnRight()
```

```
HTTP
http://[ip]:4430/titan/script/PatchViewControl/ColumnRight
```

PatchViewControl.EditCellDown

```
MACRO
Void EditCellDown()
```

```
HTTP
http://[ip]:4430/titan/script/PatchViewControl/EditCellDown
```

PatchViewControl.RowDown

```
MACRO
Void RowDown(Boolean)
```

```
HTTP
http://[ip]:4430/titan/script/PatchViewControl/RowDown
```

PatchViewControl.RowUp

```
MACRO
Void RowUp(Boolean)
```

```
HTTP
http://[ip]:4430/titan/script/PatchViewControl/RowUp
```


PatchViewControl.SetPropertyValue

MACRO

Void SetPropertyValue(System.String)

HTTP

[http://\[ip\]:4430/titan/script/PatchViewControl/SetPropertyValue](http://[ip]:4430/titan/script/PatchViewControl/SetPropertyValue)**3.50 PatchViewGrids****3.50.1 PatchViewGrids Methods****PatchViewGrids.PopulateGrids**

MACRO

System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
PopulateGrids(System.String)

HTTP

[http://\[ip\]:4430/titan/script/PatchViewGrids/PopulateGrids](http://[ip]:4430/titan/script/PatchViewGrids/PopulateGrids)**3.51 PhysicalInformation****3.51.1 PhysicalInformation Methods****PhysicalInformation.UpdatePhysicalProperties**

MACRO

Void
UpdatePhysicalProperties(System.Collections.Generic.List`1[Avolites.Acw.Titan.UpdateStoreInfoProperty], Boolean)

HTTP

[http://\[ip\]:4430/titan/script/PhysicalInformation/UpdatePhysicalProperties](http://[ip]:4430/titan/script/PhysicalInformation/UpdatePhysicalProperties)**3.52 PixelMapper****3.52.1 PixelMapper Methods****PixelMapper.SetIcon**

MACRO

Void SetIcon(Int32)

HTTP

[http://\[ip\]:4430/titan/script/PixelMapper/SetIcon](http://[ip]:4430/titan/script/PixelMapper/SetIcon)**PixelMapper.SetPixelMapView**

MACRO

Void SetPixelMapView(System.String)

HTTP

[http://\[ip\]:4430/titan/script/PixelMapper/SetPixelMapView](http://[ip]:4430/titan/script/PixelMapper/SetPixelMapView)**PixelMapper.UpdateProperties**

MACRO

Void UpdateProperties()

HTTP

[http://\[ip\]:4430/titan/script/PixelMapper/UpdateProperties](http://[ip]:4430/titan/script/PixelMapper/UpdateProperties)

3.53 PlaybackFixtureOrderStep

3.53.1 PlaybackFixtureOrderStep Methods

PlaybackFixtureOrderStep.AllowAllFixtures

Allow all fixtures to be selected again

MACRO

Void ClearRestrictedSelection()

HTTP

http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/AllowAllFixtures

PlaybackFixtureOrderStep.Clear

Clears the current selection but not Titan's programmer

MACRO

Void Clear()

HTTP

http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/Clear

PlaybackFixtureOrderStep.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

MACRO

Void ClearSelectionPattern()

HTTP

http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/ClearPatternSelect

PlaybackFixtureOrderStep.GetSelectedFixtures

Gets the selected fixture handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedFixtures(System.String)

HTTP

http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/GetSelectedFixtures

Parameters

menuProperty: The menu property.

PlaybackFixtureOrderStep.GetSelectedHandles

Gets the selected handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedHandles(System.String)

HTTP

http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/GetSelectedHandles

Parameters

menuProperty: The menu property.

PlaybackFixtureOrderStep.HighlightSelectedHandles

Sets the handles of all the selected fixtures to highlight so their LEDs pulse. Use ClearAllHighlights() to cancel this.

MACRO

Void HighlightSelectedHandles()

HTTP

http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/HighlightSelectedHandles

PlaybackFixtureOrderStep.InvertPattern

Inverts the currently active pattern if there is one.

MACRO

Void InvertPattern()

HTTP

http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/InvertPattern

PlaybackFixtureOrderStep.PatternJumpNext

Jumps the selection Pattern right by the length of the pattern

MACRO

Void PatternJumpNext()

HTTP

http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/PatternJumpNext

PlaybackFixtureOrderStep.PatternJumpPrevious

Jumps the selection Pattern left by the length of the pattern

MACRO

Void PatternJumpPrevious()

HTTP

http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/PatternJumpPrevious

PlaybackFixtureOrderStep.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternNext()

HTTP

http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/PatternNext

PlaybackFixtureOrderStep.PatternPrevious

Moves the selection pattern one place to the left If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternPrevious()

HTTP

http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/PatternPrevious

PlaybackFixtureOrderStep.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

MACRO

Void PreviewClear()

HTTP

http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/PreviewClear

PlaybackFixtureOrderStep.PreviewSelectFixtures

MACRO

```
Void PreviewSelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/PreviewS
electFixtures
```

PlaybackFixtureOrderStep.PreviewSetNewHandleSelection

MACRO

```
Void
PreviewSetNewSelection(System.Collections.Generic.IEnumerable`1
[Avolites.Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/PreviewS
etNewHandleSelection
```

PlaybackFixtureOrderStep.SelectFixture

Selects a fixture by handle.

MACRO

```
Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/SelectFi
xture
```

Parameters

handle: The handle.

PlaybackFixtureOrderStep.SelectFixtures

MACRO

```
Void SelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/SelectFi
xtures
```

PlaybackFixtureOrderStep.SelectFixturesWithTitanIds

MACRO

```
Void
SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerab
le`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/SelectFi
xturesWithTitanIds
```

PlaybackFixtureOrderStep.SetNewHandleSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolit
es.Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/SetNewHa
ndleSelection
```

PlaybackFixtureOrderStep.SetNewSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.FixtureHandle])
```

HTTP

```
http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/SetNewSelection
```

PlaybackFixtureOrderStep.StartNewSelection

Sets the start new selection mode to true.

MACRO

```
Void SetStartNewSelection()
```

HTTP

```
http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/StartNewSelection
```

PlaybackFixtureOrderStep.ValidateFixturesSelected

Throws an error which can be displayed in the menu to prompt the user that no fixtures are selected. You can call this function to determine whether fixtures are selected in menus that require a selection.

MACRO

```
Void ValidateFixturesSelected()
```

HTTP

```
http://[ip]:4430/titan/script/PlaybackFixtureOrderStep/ValidateFixturesSelected
```

3.53.2 PlaybackFixtureOrderStep Properties**PlaybackFixtureOrderStep.ContextFixtureHandle**

The context fixture is the last fixture which was selected. This fixture is used to determine which attribute controls are displayed to the user.

MACRO

```
ActionScript.SetProperty(PlaybackFixtureOrderStep.ContextFixtureHandle,[value])
```

HTTP

```
http://[ip]:4430/titan/get/PlaybackFixtureOrderStep/ContextFixtureHandle
```

HTTP

```
POST /titan/set/PlaybackFixtureOrderStep/ContextFixtureHandle
```

PlaybackFixtureOrderStep.Empty

MACRO

```
ActionScript.SetProperty(PlaybackFixtureOrderStep.Empty,[value])
```

HTTP

```
http://[ip]:4430/titan/get/PlaybackFixtureOrderStep/Empty
```

HTTP

```
POST /titan/set/PlaybackFixtureOrderStep/Empty
```

PlaybackFixtureOrderStep.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

MACRO
ActionScript.SetProperty(PlaybackFixtureOrderStep.PatternSelect,[value])
HTTP
http://[ip]:4430/titan/get/PlaybackFixtureOrderStep/PatternSelect
HTTP
POST /titan/set/PlaybackFixtureOrderStep/PatternSelect

PlaybackFixtureOrderStep.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

MACRO
ActionScript.SetProperty(PlaybackFixtureOrderStep.RepeatPattern,[value])
HTTP
http://[ip]:4430/titan/get/PlaybackFixtureOrderStep/RepeatPattern
HTTP
POST /titan/set/PlaybackFixtureOrderStep/RepeatPattern

3.54 Playbacks**3.54.1 Playbacks Methods****Playbacks.AddQuickBuildCue**

MACRO
Void AddQuickBuildCue(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])
HTTP
http://[ip]:4430/titan/script/Playbacks/AddQuickBuildCue

Playbacks.AdvanceCueNumber

Selects the next cue number in the selected cue list.

MACRO
Void AdvanceCueNumberProperty(Avolites.Titan.Controllers.Handles.Handle, System.String, Boolean)
HTTP
http://[ip]:4430/titan/script/Playbacks/AdvanceCueNumber

Parameters

- reverse**: if set to
- sourceHandle**: The handle to delete a step from.
- cueNumberPropertyName**: The menu system property containing the cue number to delete.

Playbacks.AlwaysMergeMode

Returns True if the AlwaysMerge user setting is set

MACRO
Boolean UserSettingAlwaysMerge()
HTTP
http://[ip]:4430/titan/script/Playbacks/AlwaysMergeMode

Playbacks.AppendCue

Appends a cue to a cue list or chase.

MACRO

```
Avolites.Menus.EventPropagation
AppendCue(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/AppendCue
```

Parameters

handle: the playback to append the cue to.

Returns

Result

Playbacks.AppendOrInsertPlaybackStep

Records a new step to the playback which is defined by the PlaybackEditHandle. A new step will only be added if the supplied handle matches the Playback Edit handle.

MACRO

```
Avolites.Menus.EventPropagation
AppendPlaybackStep(Avolites.Titan.Controllers.Handles.Handle,
Single)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/AppendOrInsertPlaybackS
tep
```

Parameters

handle: The handle to match to the Playback Edit handle.

cueNumber: The cue number.

Playbacks.ChangeCueNumber

Changes the cue number of the currently selected cue. The cue is determined by the TimeEditHandle and TimeEditCueNumber.

MACRO

```
Void ChangeCueNumber(Single)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/ChangeCueNumber
```

Parameters

destCueNumber: The dest cue number.

Playbacks.ChangeCueNumbers

MACRO

```
Void
ChangeCueNumbers(System.Collections.Generic.IEnumerable`1[Avoli
tes.Titan.Controllers.Handles.Custom.PlaybackCueHandle],
Single)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/ChangeCueNumbers
```

Playbacks.CheckCueNumberIsValid

Sets a property with whether a cue number is valid in a playback

MACRO

```
Void
CheckCueNumberIsValid(Avolites.Titan.Controllers.Handles.Handle
, Single, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/CheckCueNumberIsValid
```

Parameters

handle: The playback handle.

cueNumber: The cue number.

propertyId: The property id.

Playbacks.CheckCurrentStepForInsert

When the CurrentStep value changes work out whether we will be inserting or appending a step and set the properties appropriately.

MACRO

```
Void CheckCurrentStepForRecordAction()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/CheckCurrentStepForInsert
```

Playbacks.ClearAllBlindPlaybacks

Takes all playbacks out of the blind state.

MACRO

```
Void ClearAllBlindPlaybacks()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/ClearAllBlindPlaybacks
```

Playbacks.ClearAvailableUpdates

Clears the list generated by , handle highlights and disabled handles.

MACRO

```
Void ClearAvailableUpdates()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/ClearAvailableUpdates
```

Playbacks.ClearFlashPlayback

Set a playback to not flashed if flash is enabled

MACRO

```
Void  
ClearFlashPlayback(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/ClearFlashPlayback
```

Parameters

handle: The handle.

Playbacks.ClearFlashTimedPlayback

Clears a playback from the flash level making use of in and out times.

MACRO

```
Void  
ClearFlashTimedPlayback(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/ClearFlashTimedPlayback
```

Parameters

handle: The handle.

Playbacks.ClearSwopPlayback

Set a playback to not swopped

MACRO

```
Void  
ClearSwopPlayback(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/ClearSwopPlayback
```


Parameters

handle: The handle.

Playbacks.ConvertToChase

Converts the given playback to a chase.

MACRO
Avolites.Titan.Controllers.Handles.Handle ConvertToChase(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Playbacks/ConvertToChase

Parameters

handle: The playback handle to convert.

Returns

The converted handle.

Playbacks.ConvertToList

Converts the given playback to a cue list.

MACRO
Avolites.Titan.Controllers.Handles.Handle ConvertToCueList(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Playbacks/ConvertToList

Parameters

handle: The playback handle to convert.

Returns

The converted handle.

Playbacks.CreateChase

Creates a new chase on the specified object. The new chase will be assigned to the handle with no steps. You must call AppendChaseStep() to record steps into the chase.

MACRO
Void CreateChase(System.String, Int32)
HTTP
http://[ip]:4430/titan/script/Playbacks/CreateChase

Parameters

group: The handle group to place the new chase on.

playbackId: The handle id in the group to place the new chase on.

Playbacks.CueList.CreateCueList

Create a cue list at the specified group and index and enter edit mode to append steps

MACRO
Void CreateCueList(System.String, Int32)
HTTP
http://[ip]:4430/titan/script/Playbacks/CueList/CreateCueList

Parameters

group: The group.

index: The index.

Playbacks.DeleteEffectFromCue

Deletes an effect from a cue

MACRO

```
Void DeleteEffectFromCue(Int32,
Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/DeleteEffectFromCue
```

Parameters

- effectId**: The effect Id
- playbackCueHandle**: The playback cue handle

Playbacks.DeletePlaybackStep

Deletes a step from a playback.

MACRO

```
Void
DeletePlaybackStep(Avolites.Titan.Controllers.Handles.Handle,
Single, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/DeletePlaybackStep
```

Parameters

- handle**: The handle.
- startCueNumber**: The first cue number to delete.
- endCueNumber**: The last cue number to delete.

Playbacks.EditHandles.ContainsDummy

Edits the handles contains dummy.

MACRO

```
Boolean EditHandlesContainsDummy()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/EditHandles/ContainsDummy
```

Playbacks.Editor.Autoload.Add

Adds an autoload to a playback cue.

MACRO

```
Void
AddPlaybackAutoload(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Autoload/Add
```

Parameters

- targetPlayback**: The target playback.

Playbacks.Editor.Autoload.AutoloadMenuItemList

Creates a list of menu items with one item for each playback that is autoloaded by the supplied cue

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
AutoloadMenuItemList()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Autoload/AutoloadMenuItemList
```

Returns

- A list of autoload items as menu items.

Playbacks.Editor.Autoload.ClearSelection

Clears the playback selection of autoloaded playbacks. This is the same as ClearSelection but it sets the RefreshingAutoloads flag

```

MACRO
Void AutoloadClearSelection()
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/Autoload/ClearSe
lection

```

Playbacks.Editor.Autoload.IncrementTargetCueNumber

Increment autoload target cue number. This is used by the wheels to change the cue number.

```

MACRO
Void AutoloadIncrementTargetCueNumber(Boolean)
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/Autoload/Increme
ntTargetCueNumber

```

Parameters

reverse: if set to

Playbacks.Editor.Autoload.NotRefreshing

Returns true if we are not currently refreshing autoloads, ie changes should be acted upon

```

MACRO
Boolean NotRefreshingAutoloads()
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/Autoload/NotRefr
eshing

```

Playbacks.Editor.Autoload.Remove

Removes an autoload from a playback cue.

```

MACRO
Void
RemovePlaybackAutoload(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/Autoload/Remove

```

Parameters

targetPlayback: The target playback.

Playbacks.Editor.Autoload.SetAutoloadEditHandle

Sets the autoload edit handle.

```

MACRO
Void SetAutoloadEditHandle(System.String)
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/Autoload/SetAuto
loadEditHandle

```

Parameters

targetId: The target playback id.

Playbacks.Editor.Autoload.SetPlaybackAutoload

```

MACRO
Void
SetPlaybackAutoload(Avolites.Titan.Controllers.Handles.Handle,
AutoloadAction, Single)
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/Autoload/SetPlay
backAutoload

```

Playbacks.Editor.Autoload.SetPlaybackSelection

Sets the current playback selection to the playbacks selected by a playback cue

MACRO

Void SetPlaybackSelectionToAutoload()

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Autoload/SetPlaybackSelection

Playbacks.Editor.Autoload.SetTargetType

Initialises the Autoload target type and cue number properties to match a supplied autoload

MACRO

Void

SetTargetTypeAndNumber(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Autoload/SetTargetType

Parameters

targetPlayback: The target playback (This identifies the autoload in question).

Playbacks.Editor.Clear

Clears the editor and removes all values from the programmer. Also clears any fixture selections.

MACRO

Void Clear(Avolites.Acw.Titan.AcwRecordMask, Boolean, Boolean, Single)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Clear

Parameters

mask: A mask of which attribute groups to clear.

presets: if set to

clearAllProgrammers: if set to

fadeTime: The time to use when clearing HTP channels.

Playbacks.Editor.ClearAll

Clears the programmer of all fixtures and attributes

MACRO

Void Clear()

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/ClearAll

Playbacks.Editor.ClearControl

Handles a request to clear a single control from the clear attributes menu

MACRO

Void ClearControl(Avolites.Menus.MenuItem, Boolean)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/ClearControl

Parameters

menuItem: The menu item.

selected: if set to

Playbacks.Editor.ClearFixtures

```
MACRO
Void
ClearFixtures(System.Collections.Generic.IEnumerable`1[Avolites
.Titan.Controllers.Handles.Handle], Single)
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/ClearFixtures
```

Playbacks.Editor.ClearFixturesInGroup

```
MACRO
Void
ClearFixturesInGroup(System.Collections.Generic.IEnumerable`1[A
volites.Titan.Controllers.Handles.Handle], Single)
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/ClearFixturesInG
roup
```

Playbacks.Editor.ClearSelectedFixtures

Clears the editor and removes all values from the programmer for the selected fixtures. Also clears any fixture selections.

```
MACRO
Void ClearSelectedFixtures(Avolites.Acw.Titan.AcwRecordMask,
Boolean, Single)
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/ClearSelectedFix
tures
```

Parameters

- mask:** A mask of which attribute groups to clear.
- presets:** if set to
- fadeTime:** The time to use when clearing HTP channels.

Playbacks.Editor.CopyCues.Clear

Clears current selection

```
MACRO
Void Clear()
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/Clear
```

Playbacks.Editor.CopyCues.ClearSourceCuesHighlight

Clears the highlighting from the source cues.

```
MACRO
Void ClearSourceCuesHighlight()
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/ClearSo
urceCuesHighlight
```

Playbacks.Editor.CopyCues.CopyMovePlaybackCues

```
MACRO
Void CopyMovePlaybackCues(HandleOperations,
Avolites.Titan.Controllers.Handles.Handle, Boolean, Boolean,
Boolean)
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/CopyMov
ePlaybackCues
```

Playbacks.Editor.CopyCues.GetSelectedCues

Gets the current selected cues

MACRO

```
System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.PlaybackCueHandle] GetSelectedCues()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/GetSelectedCues
```

Returns

A IEnumerable Type with the handles

Playbacks.Editor.CopyCues.GrowSelection

Grows the selection. This works from the highest selected cue index and either adds or removes cues from the selection at the end.

MACRO

```
Void GrowSelection(Avolites.Titan.Controllers.Handles.Handle, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/GrowSelection
```

Parameters

handle: The handle.

size: The size.

Playbacks.Editor.CopyCues.HighlightSourceCues

Highlights the source cues from the cue selection.

MACRO

```
Void HighlightSourceCues()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/HighlightSourceCues
```

Playbacks.Editor.CopyCues.IsValidDestination

Determines whether the handle is valid as the destination of a copy or move operation.

MACRO

```
Void IsValidDestination(Avolites.Titan.Controllers.Handles.Handle, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/IsValidDestination
```

Parameters

handle: The

errorMessage: The error message to display if

Playbacks.Editor.CopyCues.IsValidSource

MACRO

```
Void IsValidSource(HandleOperations, System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle], System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/IsValidSource
```

Playbacks.Editor.CopyCues.PreviewClear

Clears any preview select flags

MACRO

Void PreviewClear()

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/PreviewClear

Playbacks.Editor.CopyCues.PreviewSelectCues

MACRO

Void PreviewSelectCues(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.PlaybackCueHandle])

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/PreviewSelectCues

Playbacks.Editor.CopyCues.SelectAll

Selects all the cues in the supplied playback.

MACRO

Void SelectAll(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/SelectAll

Parameters

handle: A playback handle.

Playbacks.Editor.CopyCues.SelectCue

Selects a cue.

MACRO

Void SelectCue(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/SelectCue

Parameters

handle: The handle.

Playbacks.Editor.CopyCues.SelectCueByNumber

Selects the cue in a playback by cue number

MACRO

Void SelectCueByNumber(Avolites.Titan.Controllers.Handles.Handle, Single)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/SelectCueByNumber

Parameters

handle: The handle of the playback.

cueNumber: The cue number.

Playbacks.Editor.CopyCues.SelectCues

MACRO

Void SelectCues(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/Editor/CopyCues/SelectCues](http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/SelectCues)

Playbacks.Editor.CopyCues.SelectUnfoldedCue

Uses an unfolded cue handle to set the current selection.

MACRO

Void

SelectUnfoldedCue(Avolites.Titan.Controllers.Handles.Handle)

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/Editor/CopyCues/SelectUnfoldedCue](http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/SelectUnfoldedCue)

Parameters

handle: The handle of the unfolded cue.

Playbacks.Editor.CopyCues.SelectUnfoldedCues

MACRO

Void

SelectUnfoldedCues(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/Editor/CopyCues/SelectUnfoldedCues](http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/SelectUnfoldedCues)

Playbacks.Editor.CopyCues.SetContextCue

Sets the context handle. The handle will be selected if it is not already in the selection.

MACRO

Void SetContextCue(Avolites.Titan.Controllers.Handles.Handle)

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/Editor/CopyCues/SetContextCue](http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/SetContextCue)

Parameters

handle: The handle.

Playbacks.Editor.CopyCues.StepSelection

Steps the selection. This moves the whole selection pattern up or down in the list. Step sizes > 1 move the selection down the list

MACRO

Void StepSelection(Avolites.Titan.Controllers.Handles.Handle, Single)

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/Editor/CopyCues/StepSelection](http://[ip]:4430/titan/script/Playbacks/Editor/CopyCues/StepSelection)

Parameters

handle: The handle.

step: The step.

Playbacks.Editor.CueSelection.Clear

Clears current selection

MACRO

Void Clear()

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/Editor/CueSelection/Clear](http://[ip]:4430/titan/script/Playbacks/Editor/CueSelection/Clear)

Playbacks.Editor.CueSelection.GetSelectedCues

Gets the current selected cues

MACRO

```
System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.PlaybackCueHandle] GetSelectedCues()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/CueSelection/GetSelectedCues
```

Returns

A IEnumerable Type with the handleless

Playbacks.Editor.CueSelection.GrowSelection

Grows the selection. This works from the highest selected cue index and either adds or removes cues from the selection at the end.

MACRO

```
Void GrowSelection(Avolites.Titan.Controllers.Handles.Handle, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/CueSelection/GrowSelection
```

Parameters

handle: The handle.

size: The size.

Playbacks.Editor.CueSelection.PreviewClear

Clears any preview select flags

MACRO

```
Void PreviewClear()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/CueSelection/PreviewClear
```

Playbacks.Editor.CueSelection.PreviewSelectCues**MACRO**

```
Void PreviewSelectCues(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.PlaybackCueHandle])
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/CueSelection/PreviewSelectCues
```

Playbacks.Editor.CueSelection.SelectAll

Selects all the cues in the supplied playback.

MACRO

```
Void SelectAll(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/CueSelection/SelectAll
```

Parameters

handle: A playback handle.

Playbacks.Editor.CueSelection.SelectCue

Selects a cue.

MACRO

```
Void SelectCue(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/CueSelection/SelectCue

Parameters

handle: The handle.

Playbacks.Editor.CueSelection.SelectCueByNumber

Selects the cue in a playback by cue number

MACRO

Void
SelectCueByNumber(Avolites.Titan.Controllers.Handles.Handle, Single)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/CueSelection/SelectCueByNumber

Parameters

handle: The handle of the playback.

cueNumber: The cue number.

Playbacks.Editor.CueSelection.SelectCues

MACRO

Void
SelectCues(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/CueSelection/SelectCues

Playbacks.Editor.CueSelection.SelectUnfoldedCue

Uses an unfolded cue handle to set the current selection.

MACRO

Void
SelectUnfoldedCue(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/CueSelection/SelectUnfoldedCue

Parameters

handle: The handle of the unfolded cue.

Playbacks.Editor.CueSelection.SelectUnfoldedCues

MACRO

Void
SelectUnfoldedCues(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/CueSelection/SelectUnfoldedCues

Playbacks.Editor.CueSelection.SetContextCue

Sets the context handle. The handle will be selected if it is not already in the selection.

MACRO

Void SetContextCue(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/CueSelection/SetContextCue

Parameters**handle:** The handle.**Playbacks.Editor.CueSelection.StepSelection**

Steps the selection. This moves the whole selection pattern up or down in the list. Step sizes >1 move the selection down the list

MACRO

```
Void StepSelection(Avolites.Titan.Controllers.Handles.Handle,
Single)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/CueSelection/Ste
pSelection
```

Parameters**handle:** The handle.**step:** The step.**Playbacks.Editor.EnsurePlaybackCueSelected**

Ensures a playback cue is selected. This function selects a cue within the selected playback if one is not already selected and one is available.

MACRO

```
Void EnsurePlaybackCueSelected()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/EnsurePlaybackCu
eSelected
```

Playbacks.Editor.FixtureOrder.ClearFixtureOrderDisplay

Clears the fixture order display. Resets the info in the fixture handles so they don't show fixture order

MACRO

```
Void ClearFixtureOrderDisplay()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/FixtureOrder/Cle
arFixtureOrderDisplay
```

Playbacks.Editor.Fixtures.ContextAttribute.GetFunctionOptions

Returns a list of menu items for setting the current attribute.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
ContextAttributeGetFunctionOptions(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Fixtures/Context
Attribute/GetFunctionOptions
```

Parameters**filterText:** A filter string for the returned items.**Returns**

List of menu items.

Playbacks.Editor.Fixtures.ContextAttribute.GetFunctionValue

Gets the value of the context attribute.

MACRO

```
Single ContextAttributeGetFunctionValue()
```

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Fixtures/ContextAttribute/GetFunctionValue

Returns

TheDisplay value

Playbacks.Editor.Fixtures.ContextAttribute.SetFunction

Sets the current function of the context attribute.

MACRO

Void ContextAttributeSetFunction(Int32)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Fixtures/ContextAttribute/SetFunction

Parameters

functionId: The function ID.

Playbacks.Editor.Fixtures.ContextAttribute.SetFunctionByMenuItem

Sets the value of the context attribute using the tag that the menuItem has.

MACRO

Void ContextAttributeSetFunctionByMenuItem(System.Object)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Fixtures/ContextAttribute/SetFunctionByMenuItem

Parameters

menuItemTag: The menu item tag.

Playbacks.Editor.Fixtures.ContextAttribute.SetFunctionValue

Sets the value of the context attribute.

MACRO

Void ContextAttributeSetFunctionValue(Single)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Fixtures/ContextAttribute/SetFunctionValue

Parameters

value: The value to set.

Playbacks.Editor.Fixtures.DeleteFixturesFromCue

Delete selected fixture from cue

MACRO

Void DeleteFixturesFromCue()

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Fixtures/DeleteFixturesFromCue

Playbacks.Editor.Fixtures.OffSelectedControls

Turns OFF the selected control values, delays or fades from the playback cue

MACRO

Void OffSelectedControls(Avolites.Titan.Controllers.Editor.ControlTimes)

HTTP

`http://[ip]:4430/titan/script/Playbacks/Editor/Fixtures/OffSelectedControls`

Parameters

selectedControlValueToOff: The selected control value to off.

Playbacks.Editor.Fixtures.OnSelectedControls

Turns ON the selected control values, delays or fades from the playback cue

MACRO

Void
OnSelectedControls(Avolites.Titan.Controllers.Editor.ControlTimes)

HTTP

`http://[ip]:4430/titan/script/Playbacks/Editor/Fixtures/OnSelectedControls`

Parameters

selectedControlValueToOn: The selected control value to on.

Playbacks.Editor.GetLiveCue

Gets the live cue on the current playback.

MACRO

Avolites.Titan.Controllers.Handles.Custom.PlaybackCueHandle
GetLiveCue()

HTTP

`http://[ip]:4430/titan/script/Playbacks/Editor/GetLiveCue`

Playbacks.Editor.Macros.AddLink

Adds a new link to a macro from a cue.

MACRO

Void AddLink(Avolites.Titan.Controllers.Handles.Handle)

HTTP

`http://[ip]:4430/titan/script/Playbacks/Editor/Macros/AddLink`

Parameters

handle: The handle of the macro to link to from the current cue.

Playbacks.Editor.Macros.AddLinkFromId

Adds a new link to a macro from a cue.

MACRO

Void AddLinkFromId(System.String)

HTTP

`http://[ip]:4430/titan/script/Playbacks/Editor/Macros/AddLinkFromId`

Parameters

macroId: The id of the macro to link to from the current cue.

Playbacks.Editor.Macros.MacroMenuItemList

Returns a list of menu items containing all the macros in the current cue.

MACRO

System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
MacroMenuItemList()

HTTP

`http://[ip]:4430/titan/script/Playbacks/Editor/Macros/MacroMenuItemList`

Returns

A list of menu items.

Playbacks.Editor.Macros.RemoveLink

Removes a link to a macro from the current cue.

MACRO

```
Void RemoveLink(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Macros/RemoveLink
```

Parameters

handle: The macro handle to remove the link to.

Playbacks.Editor.Macros.SetTargetHandle

Sets the macro handle to start editing within the current cue.

MACRO

```
Void SetTargetHandle(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Macros/SetTargetHandle
```

Parameters

targetId: The id of the target macro to edit.

Playbacks.Editor.SelectCueFromViewing

Selects the cue Viewing with the selection editor.

MACRO

```
Void SelectCueFromViewing()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/SelectCueFromViewing
```

Playbacks.Editor.Selection.AllowAllFixtures

Allow all fixtures to be selected again

MACRO

```
Void ClearRestrictedSelection()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Selection/AllowAllFixtures
```

Playbacks.Editor.Selection.Clear

Clears the current selection but not Titan's programmer

MACRO

```
Void Clear()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Selection/Clear
```

Playbacks.Editor.Selection.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

MACRO

```
Void ClearSelectionPattern()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Selection/ClearPatternSelect
```

Playbacks.Editor.Selection.GetSelectedFixtures

Gets the selected fixture handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedFixtures(System.String)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Selection/GetSelectedFixtures

Parameters

menuProperty: The menu property.

Playbacks.Editor.Selection.GetSelectedHandles

Gets the selected handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedHandles(System.String)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Selection/GetSelectedHandles

Parameters

menuProperty: The menu property.

Playbacks.Editor.Selection.HighlightSelectedHandles

Sets the handles of all the selected fixtures to highlight so their LEDs pulse. Use ClearAllHighlights() to cancel this.

MACRO

Void HighlightSelectedHandles()

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Selection/HighlightSelectedHandles

Playbacks.Editor.Selection.InvertPattern

Inverts the currently active pattern if there is one.

MACRO

Void InvertPattern()

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Selection/InvertPattern

Playbacks.Editor.Selection.PatternJumpNext

Jumps the selection Patten right by the length of the pattern

MACRO

Void PatternJumpNext()

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Selection/PatternJumpNext

Playbacks.Editor.Selection.PatternJumpPrevious

Jumps the selection Patten left by the length of the pattern

MACRO

Void PatternJumpPrevious()

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Selection/PatternJumpPrevious

Playbacks.Editor.Selection.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternNext()

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Selection/PatternNext

Playbacks.Editor.Selection.PatternPrevious

Moves the selection pattern one place to the left. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternPrevious()

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Selection/PatternPrevious

Playbacks.Editor.Selection.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

MACRO

Void PreviewClear()

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Selection/PreviewClear

Playbacks.Editor.Selection.PreviewSelectFixtures

MACRO

Void PreviewSelectFixtures(System.String, System.Collections.Generic.List<System.Int32>)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Selection/PreviewSelectFixtures

Playbacks.Editor.Selection.PreviewSetNewHandleSelection

MACRO

Void PreviewSetNewSelection(System.Collections.Generic.IEnumerable<Avolites.Titan.Controllers.Handles.Handle>)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Selection/PreviewSetNewHandleSelection

Playbacks.Editor.Selection.SelectFixture

Selects a fixture by handle.

MACRO

Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Selection/SelectFixture

Parameters

handle: The handle.

Playbacks.Editor.Selection.SelectFixtures

MACRO

```
Void SelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Selection/Select
Fixtures
```

Playbacks.Editor.Selection.SelectFixturesWithTitanIds

MACRO

```
Void
SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerab
le`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Selection/Select
FixturesWithTitanIds
```

Playbacks.Editor.Selection.SetNewHandleSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolit
es.Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Selection/SetNew
HandleSelection
```

Playbacks.Editor.Selection.SetNewSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolit
es.Titan.Controllers.Handles.Custom.FixtureHandle])
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Selection/SetNew
Selection
```

Playbacks.Editor.Selection.StartNewSelection

Sets the start new selection mode to true.

MACRO

```
Void SetStartNewSelection()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Selection/StartN
ewSelection
```

Playbacks.Editor.Selection.ValidateFixturesSelected

Throws an error which can be displayed in the menu to prompt the user that no fixtures are selected. You can call this function to determine whether fixtures are selected in menus that require a selection.

MACRO

```
Void ValidateFixturesSelected()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Selection/Valida
teFixturesSelected
```

Playbacks.Editor.SelectLiveCue

Selects the live cue on the current playback.

```

MACRO
Void SelectLiveCue()
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/SelectLiveCue

```

Playbacks.Editor.SelectPlaybackByUnfoldedCue

Selects a playback by the handle of an unfolded cue.

```

MACRO
Void
SelectPlaybackByUnfoldedCue(Avolites.Titan.Controllers.Handles.
Handle)
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/SelectPlaybackBy
UnfoldedCue

```

Parameters

handle: The unfolded cue handle.

Playbacks.Editor.SetCueToView

Sets the cue to view from playback and cue ids.

```

MACRO
Void SetCueToView(Int32, Int32)
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/SetCueToView

```

Parameters

playbackId: The playback identifier.

cueId: The cue identifier.

Playbacks.Editor.SetSelectedPlaybackToProgrammer

Sets the selected playback to the current programmer.

```

MACRO
Void SetSelectedPlaybackToProgrammer()
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/SetSelectedPlayb
ackToProgrammer

```

Playbacks.Editor.Timecode.Add

Adds the offset time to all the selected cues.

```

MACRO
Void Add(Avolites.Acw.Titan.TimecodeTime)
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/Timecode/Add

```

Parameters

offset: The amount to offset the timecode of each cue.

Playbacks.Editor.Timecode.Subtract

Subtracts the offset time to all the selected cues.

```

MACRO
Void Subtract(Avolites.Acw.Titan.TimecodeTime)
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/Timecode/Subtrac
t

```

Parameters

offset: The amount to offset the timecode of each cue.

Playbacks.Editor.Times.AttributeList

Returns a list of attributes in the current cue and edit group.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
AttributeMenuList()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Times/AttributeL
ist
```

Returns

A list of attributes names.

Playbacks.Editor.Times.BeginProgrammerTimesEdit

Enters the programmer times edit mode.

MACRO

```
Void BeginProgrammerTimesEdit()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Times/BeginProgr
ammerTimesEdit
```

Playbacks.Editor.Times.ClearInfoTimes

Clears the times info from the info objects of all the fixtures.

MACRO

```
Void ClearInfoTimes()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Times/ClearInfoT
imes
```

Playbacks.Editor.Times.FillAttributeTimes

Updates the attribute times. This publishes the current group or control fade and delay times for the context control in two properties which are used on the softkeys

MACRO

```
Void FillAttributeTimes()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Times/FillAttrib
uteTimes
```

Playbacks.Editor.Times.FinishProgrammerTimesEdit

Exits from the programmer times edit mode.

MACRO

```
Void FinishProgrammerTimesEdit()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Times/FinishProg
rammerTimesEdit
```

Playbacks.Editor.Times.Programmer.FillProgrammerAttributeTimes

This updates the two softkey menu properties (fade and delay) for control of a fixture attribute's times in the programmer.

MACRO

```
Void FillProgrammerAttributeTimes()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Times/Programmer
/FillProgrammerAttributeTimes
```

Playbacks.Editor.Times.Programmer.SetControlDelayTimeOff

MACRO
Void SetProgrammerControlDelayTimeOff()
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/Times/Programmer/SetControlDelayTimeOff

Playbacks.Editor.Times.Programmer.SetControlDelayTimeOn

MACRO
Void SetProgrammerControlDelayTimeOn()
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/Times/Programmer/SetControlDelayTimeOn

Playbacks.Editor.Times.Programmer.SetControlFadeTimeOff

MACRO
Void SetProgrammerControlFadeTimeOff()
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/Times/Programmer/SetControlFadeTimeOff

Playbacks.Editor.Times.Programmer.SetControlFadeTimeOn

MACRO
Void SetProgrammerControlFadeTimeOn()
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/Times/Programmer/SetControlFadeTimeOn

Playbacks.Editor.Times.ProgrammerTimeAttributeList

Generates a list of menu items allowing control of attribute times for the current programmer fixture selection and attribute group.

MACRO
System.Collections.Generic.List`1[Avolites.Menus.MenuItem] ProgrammerTimeAttributeList()
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/Times/ProgrammerTimeAttributeList

Returns

A list of menu items.

Playbacks.Editor.Times.ResetCuePropertyToDisabledTime

Resets the specified time property to the 'Global' time.

MACRO
Void ResetCuePropertyToDisabledTime(Avolites.Titan.Controllers.Editor.CueProperties)
HTTP
http://[ip]:4430/titan/script/Playbacks/Editor/Times/ResetCuePropertyToDisabledTime

Parameters

property: The time property to reset to its default value.

Playbacks.Editor.Times.ResetCuePropertyToGlobalTime

Resets the specified time property to the 'Global' time.

MACRO

```
Void
ResetCuePropertyToGlobalTime(Avolites.Titan.Controllers.Editor.
CueProperties)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Times/ResetCuePr
opertyToGlobalTime
```

Parameters

property: The time property to reset to its default value.

Playbacks.Editor.Times.ResetProgrammerControlToGlobalTime

Resets the specified programmer control time to the 'Global' time.

MACRO

```
Void
ResetProgrammerToGlobalTime(Avolites.Titan.Controllers.Editor.C
ontrolTimes)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Times/ResetProgr
ammerControlToGlobalTime
```

Parameters

time: The time.

Playbacks.Editor.Times.ResetToGlobalTime

Resets the specified control time to the 'Global' time.

MACRO

```
Void
ResetToGlobalTime(Avolites.Titan.Controllers.Editor.ControlTime
s)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Times/ResetToGlo
balTime
```

Parameters

time: The time.

Playbacks.Editor.Times.SetControlDelayTimeOff

Sets the programmer control delay time off.

MACRO

```
Void SetControlDelayTimeOff(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Times/SetControl
DelayTimeOff
```

Playbacks.Editor.Times.SetControlFadeTimeOff

Sets the control fade time off.

MACRO

```
Void SetControlFadeTimeOff(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Editor/Times/SetControl
FadeTimeOff
```

Playbacks.Editor.Times.SetCueCurve

Sets the cue curve property with a string value.

MACRO

Void SetCueCurve(System.String)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Times/SetCueCurve

Parameters

curveId: The curve id.

Playbacks.Editor.Times.SetInfoAttributeTimes

Sets attribute time information in the info objects of the fixtures in the context cue. This consists of a fade and delay time indicator for the current group or control showing an actual time or Global or Individual values. Putting the information in the info object causes the HUD to display it.

MACRO

Void SetInfoAttributeTimes()

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Times/SetInfoAttributeTimes

Playbacks.Editor.Times.SetInfoSummaryTimes

Sets summary time information in the info objects of the fixtures in the context cue. This consists of an IPCGBES indicator of which attribute groups have individual times. Putting the information in the info object causes the HUD to display it. This function doesn't actually do the work. It queues it on the work queue.

MACRO

Void SetInfoSummaryTimes()

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Times/SetInfoSummaryTimes

Playbacks.Editor.Times.SetSelectedControl

Sets the selected control. In Edit times you can select a control to work on. That control will be selected for all fixtures in the cue that have that control. This behaviour is supported by the selection.

MACRO

Void SetSelectedControl(Avolites.Menus.MenuItem)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Times/SetSelectedControl

Parameters

menuItem: The menu item.

Playbacks.Editor.Times.SetSelectedGroup

Sets the selected group. In Edit times you can select an IPCGBES group to edit times on. The selection will then lock to all controls in the selected group for all selected fixtures

MACRO

Void SetSelectedGroup(Avolites.Acw.Titan.AcwRecordMask)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Times/SetSelectedGroup

Parameters

group: The group.

Playbacks.Editor.Times.SetSelectedGroupAll

Sets the selected group to all attribute groups. In Edit times you can select an IPCGBES group to edit times on. The selection will then lock to all controls in the selected group for all selected fixtures

MACRO

Void SetSelectedGroupAll()

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Times/SetSelectedGroupAll

Playbacks.Editor.Times.SetSelectedGroupEmpty

Sets the selected group to the Empty attribute group.

MACRO

Void SetSelectedGroupEmpty()

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Times/SetSelectedGroupEmpty

Playbacks.Editor.Times.SetSelectedProgrammerControl

Sets the selected control when controlling programmer times. Also sets a local fade/delay property. In Edit times you can select a control to work on. That control will be selected for all fixtures in the cue that have that control. This behaviour is supported by the selection.

MACRO

Void SetSelectedProgrammerControl(Avolites.Menus.MenuItem)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Times/SetSelectedProgrammerControl

Parameters

menuItem: The menu item.

Playbacks.Editor.Times.SetSelectedProgrammerControlId

Used when we want to reference from outer menus with just the control Id

MACRO

Void SetSelectedProgrammerControl(Int32)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Times/SetSelectedProgrammerControlId

Parameters

controlId: The control id.

Playbacks.Editor.Times.SetTimeToDisabled

Sets the time property to TimeSpan Disabled.

MACRO

Void SetTimeToDisabled(System.String)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Times/SetTimeToDisabled

Parameters

propertyName: The name of the menu property to set.

Playbacks.Editor.Times.SetTimeToGlobal

Sets the time property to TimeSpan Global.

MACRO

Void SetTimeToGlobal(System.String)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Times/SetTimeToGlobal

Parameters

propertyName: The name of the menu property to set.

Playbacks.Editor.Times.TogglePropertyOnOff

Toggles the specified cue time property between Off and On.

MACRO

Void TogglePropertyOnOff(System.String)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Times/TogglePropertyOnOff

Parameters

propertyId: The property ID of the time property.

Playbacks.Editor.Times.UpdateCaptionText

Takes the index value of an attribute bank touch button and turns it into a string for

MACRO

Void UpdateCaptionText(Int32)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Times/UpdateCaptionText

Parameters

groupIndex: Index of the group.

Playbacks.Editor.Times.UpdateCaptionTextFromMask

Takes the index value of an attribute bank touch button and turns it into a string for

MACRO

Void UpdateCaptionTextFromMask(Int32)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Times/UpdateCaptionTextFromMask

Parameters

groupIndex: Index of the group.

Playbacks.Editor.Times.UpdateCaptionTextString

Updates the with . Used for attributes.

MACRO

Void UpdateCaptionTextString(System.String)

HTTP

http://[ip]:4430/titan/script/Playbacks/Editor/Times/UpdateCaptionTextString

Playbacks.EnterRecordStep

Performs initialisation when the user enters the record step menu.

MACRO

Void EnterRecordStep(Boolean)

HTTP

http://[ip]:4430/titan/script/Playbacks/EnterRecordStep

Playbacks.FillCueLegend

Gets the legend of a cue and puts it in a property.

MACRO

```
Void FillCueLegend(Avolites.Titan.Controllers.Handles.Handle,
Single, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/FillCueLegend
```

Parameters

- handle:** The handle.
- cueNumber:** The cue number.
- propertyId:** The property id.

Playbacks.FilterAvailableUpdates

Filters the available updates by the specified parameters.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
FilterAvailableUpdates(System.String,
Avolites.Titan.Controllers.Handles.Handle, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/FilterAvailableUpdates
```

Parameters

- filterText:** The filter text.
- filterHandle:** The filter handle.
- cueNumber:** The cue number.

Returns

List of

Playbacks.FirePlaybackAtLevel

Fires a playback with the specified level. This function forces the playback to a level, Doesn't do any level matching and always loads it if it's not loaded. If refire is set then it kills it before firing.

MACRO

```
Void
FirePlaybackAtLevel(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Menus.Maths.LevelAdjust, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/FirePlaybackAtLevel
```

Parameters

- handle:** The handle.
- level:** The level.
- alwaysRefire:** if set to

Playbacks.FlashPlayback

Set a playback to the flash level if flash is enabled

MACRO

```
Void FlashPlayback(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/FlashPlayback
```

Parameters

- handle:** The handle.

Playbacks.FlashTimedPlayback

Set a playback to the flash level but make use of in and out times.

```

MACRO
Void
FlashTimedPlayback(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Playbacks/FlashTimedPlayback

```

Parameters

handle: The handle.

Playbacks.ForceLevelMatch

Forces the level match flag to a given value. This is used by triggering where we effectively have more than one controller for a given handle and have to re-match every time.

```

MACRO
Void ForceLevelMatch(System.String, Int32, Boolean)
HTTP
http://[ip]:4430/titan/script/Playbacks/ForceLevelMatch

```

Parameters

group: The group.

index: The index.

isMatched: if set to

Playbacks.GetCueHandlesFromTo

Get the gandles in between the cue number and the handle.

```

MACRO
System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle] GetCueHandlesFromTo(Single,
Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Playbacks/GetCueHandlesFromTo

```

Parameters

fromCueNumber: From cue number.

toHandle: To handle.

Playbacks.GetNextStepHint

Finds the smallest integer step number that is larger than the last step in a list of cues.

```

MACRO
Single
GetNextStepHint(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Playbacks/GetNextStepHint

```

Parameters

playbackHandle: The playback handle.

Returns

Next step number.

Playbacks.GetPlaybackCueHandle

Gets the playback cue handle.

```

MACRO
Avolites.Titan.Controllers.Handles.Custom.PlaybackCueHandle
GetPlaybackCueHandle(Avolites.Titan.Controllers.Handles.Handle,
Single)
HTTP
http://[ip]:4430/titan/script/Playbacks/GetPlaybackCueHandle

```

Parameters

handle: The playback handle.
cueNumber: The cue number.

Returns

The handle for the playback cue or

Playbacks.GetPlaybackCueHandlesAsCommand

MACRO

```
System.String
GetPlaybackCueHandlesAsCommand(System.Collections.Generic.IEnumerable<Avolites.Titan.Controllers.Handles.Handle>)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/GetPlaybackCueHandlesAsCommand
```

Playbacks.GetPlaybackHandle

Get a PlaybackHandle from a TitanId. If the id doesn't exist returns null

MACRO

```
Avolites.Titan.Controllers.Handles.Custom.PlaybackHandle
GetPlaybackHandle(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/GetPlaybackHandle
```

Parameters

playbackId: The titan playback id.

Returns

Playback handle or null

Playbacks.HighlightCueRange

Highlights the cue handles for the given range

MACRO

```
Void
HighlightCueRange(Avolites.Titan.Controllers.Handles.Handle,
Single, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/HighlightCueRange
```

Parameters

handle: The playback handle.
startCueNumber: The first cue number to highlight.
endCueNumber: The last cue number to highlight.

Playbacks.HighlightPlaybackHandles

Highlights the playback handles.

MACRO

```
Void HighlightPlaybackHandles()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/HighlightPlaybackHandles
```

Playbacks.IfDummyCueSelectPlayback

MACRO

```
Boolean
IfDummyCueSelectPlayback(System.Collections.Generic.IEnumerable<Avolites.Titan.Controllers.Handles.Handle>)
```

```
HTTP
http://[ip]:4430/titan/script/Playbacks/IfDummyCueSelectPlayback
```

Playbacks.InsertPlaybackCue

Inserts a cue into an existing playback.

```
MACRO
Void
InsertPlaybackCue(Avolites.Titan.Controllers.Handles.Handle)
```

```
HTTP
http://[ip]:4430/titan/script/Playbacks/InsertPlaybackCue
```

Parameters

handle: The handle of the playback to insert the cue into.

Playbacks.InsertStepAfter

Inserts a playback cue immediately after the specified cue

```
MACRO
Void
InsertPlaybackCueAfterStep(Avolites.Titan.Controllers.Handles.Handle, Single)
```

```
HTTP
http://[ip]:4430/titan/script/Playbacks/InsertStepAfter
```

Parameters

handle: The playback handle.

cueNumber: The number of the cue to insert after.

Playbacks.InsertStepBefore

Inserts a playback cue immediately before the specified cue

```
MACRO
Void
InsertPlaybackCueBeforeStep(Avolites.Titan.Controllers.Handles.Handle, Single)
```

```
HTTP
http://[ip]:4430/titan/script/Playbacks/InsertStepBefore
```

Parameters

handle: The playback handle.

cueNumber: The number of the cue to insert before.

Playbacks.IsAllowedGroup

Determines whether playbacks are allowed to be recorded in the group supplied.

```
MACRO
Boolean IsAllowedGroup(System.String)
```

```
HTTP
http://[ip]:4430/titan/script/Playbacks/IsAllowedGroup
```

Parameters

group: The group.

Playbacks.IsCueHandle

Returns whether the specified handle is a cue handle

```
MACRO
Boolean IsCueHandle(Avolites.Titan.Controllers.Handles.Handle)
```

```
HTTP
http://[ip]:4430/titan/script/Playbacks/IsCueHandle
```

Parameters**handle:** The handle.**Playbacks.IsSteppedPlaybackHandle**

Returns whether the specified handle is a stepped playback handle

MACRO

Boolean

IsSteppedPlaybackHandle(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Playbacks/IsSteppedPlaybackHandle

Parameters**handle:** The handle.**Playbacks.IsUnknownPlaybackHandle**

Determines if this handle is for an unknown playback, one which may have been deleted.

MACRO

Boolean

IsUnknownPlaybackHandle(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Playbacks/IsUnknownPlaybackHandle

Parameters**handle:** The handle to test.**Returns**

Whether the handle is for an unknown playback.

Playbacks.KillAllPlaybacks

Kills all playbacks.

MACRO

Void KillAllPlaybacks()

HTTP

http://[ip]:4430/titan/script/Playbacks/KillAllPlaybacks

Playbacks.KillPlayback

Kills a playback.

MACRO

Void KillPlayback(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Playbacks/KillPlayback

Parameters**handle:** The handle.**Playbacks.MergePlaybackCue**

Merges the programmer into an existing cue.

MACRO

Void

MergePlaybackCue(Avolites.Titan.Controllers.Handles.Handle, Boolean)

HTTP

http://[ip]:4430/titan/script/Playbacks/MergePlaybackCue

Parameters

handle: The handle containing the playback to merge with.
updateOnly: if set to

Playbacks.MergePlaybackCueIfMatched

Merges the playback cue if matched.

MACRO

Void

MergePlaybackCueIfMatched(Avolites.Titan.Controllers.Handles.Handle, Avolites.Titan.Controllers.Handles.Handle, Boolean)

HTTP

http://[ip]:4430/titan/script/Playbacks/MergePlaybackCueIfMatched

Parameters

handle: The handle.
testHandle: The test handle.
updateOnly: if set to

Playbacks.MergePlaybackStep

Merges a playback step.

MACRO

Void

MergePlaybackStep(Avolites.Titan.Controllers.Handles.Handle, Single, Boolean)

HTTP

http://[ip]:4430/titan/script/Playbacks/MergePlaybackStep

Parameters

handle: The playback handle.
cueNumber: The cue number.
updateOnly: if set to

Playbacks.OverwritePlaybackStep

Replaces a playback step.

MACRO

Void

ReplacePlaybackStep(Avolites.Titan.Controllers.Handles.Handle, Single, Boolean)

HTTP

http://[ip]:4430/titan/script/Playbacks/OverwritePlaybackStep

Parameters

handle: The playback handle.
cueNumber: The cue number.
updateOnly: if set to

Playbacks.PerformUpdates

Performs Update based on the menu items highlighted in the menu.

MACRO

Void PerformUpdates(Avolites.Menus.IMenu)

HTTP

http://[ip]:4430/titan/script/Playbacks/PerformUpdates

Parameters

currentMenu: The current menu.

Playbacks.PlaybackActivated

Fired from the menu system whenever a playback is fired. Updates a variable with the last fired playback Titan ID. This will include the last time a Go/Flash is pressed on a Cue List handle.

MACRO

```
Void
UpdateLastFiredPlaybackId(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/PlaybackActivated
```

Parameters

handle: The handle.

Playbacks.PlaybackEdit.Exit

Exists chase edit mode

MACRO

```
Void ExitPlaybackEdit()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/PlaybackEdit/Exit
```

Playbacks.PlaybackOptions.AssignSizeSourceFromHandle

Assigns the speed source from the selected speed master for a playback.

MACRO

```
Void
AssignSizeSourceFromHandle(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/PlaybackOptions/AssignSizeSourceFromHandle
```

Parameters

handle: The handle of the rate master you want to set as the source.

Playbacks.PlaybackOptions.AssignSpeedSourceFromHandle

Assigns the speed source from the selected speed master for a playback.

MACRO

```
Void
AssignSpeedSourceFromHandle(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/PlaybackOptions/AssignSpeedSourceFromHandle
```

Parameters

handle: The handle of the rate master you want to set as the source.

Playbacks.PlaybackOptions.CurveList

Gets a list of curves that could be applied to a playback. The list can be displayed in a menu.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
MenuCurveList(System.String)
```

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/PlaybackOptions/CurveList](http://[ip]:4430/titan/script/Playbacks/PlaybackOptions/CurveList)

Parameters

selectedCurveName: Name of the selected curve.

Returns

List of menu items with curve information.

Playbacks.PlaybackOptions.FillOptions

Starts editing the given playback and initialises all the playback options to the values for the playback.

MACRO

Void
FillPlaybackOptions(Avolites.Titan.Controllers.Handles.Handle)

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/PlaybackOptions/FillOptions](http://[ip]:4430/titan/script/Playbacks/PlaybackOptions/FillOptions)

Parameters

handle: The handle of the playback you wish to edit.

Playbacks.PlaybackOptions.SaveReleaseMask

Saves the release mask.

MACRO

Void SaveReleaseMask()

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/PlaybackOptions/SaveReleaseMask](http://[ip]:4430/titan/script/Playbacks/PlaybackOptions/SaveReleaseMask)

Playbacks.PlaybackOptions.SelectCurve

Selects a curve from a menu list to assign to the playback being edited.

MACRO

Void SelectCurve(Avolites.Menus.MenuItem)

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/PlaybackOptions/SelectCurve](http://[ip]:4430/titan/script/Playbacks/PlaybackOptions/SelectCurve)

Parameters

item: The selected menu item containing a curve to assign.

Playbacks.PlaybackOptions.UpdateSpeedWithTemporarySpeed

Updates the stored chase speed with the current temporary speed value.

MACRO

Void
UpdateSpeedWithTemporarySpeed(Avolites.Titan.Controllers.Handles.Handle)

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/PlaybackOptions/UpdateSpeedWithTemporarySpeed](http://[ip]:4430/titan/script/Playbacks/PlaybackOptions/UpdateSpeedWithTemporarySpeed)

Parameters

handle: A chase handle.

Playbacks.PlayCue

Fire a playback (from the current page) at a specified level

MACRO

```
Void PlayPlayback(System.String, Int32,
Avolites.Menus.Maths.LevelAdjust, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/PlayCue
```

Parameters

- group:** Fader group
- playbackIndex:** index in that group
- level:** Level to fire at and the previous level of the playback. Used to determine whether the playback should be matched.
- accuracy:** The accuracy to level match the playback fader to.

Playbacks.PlayPlayback

Fire a playback (from any page) at a specified level

MACRO

```
Void PlayPlayback(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Menus.Maths.LevelAdjust, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/PlayPlayback
```

Parameters

- handle:** The playback handle.
- level:** Level to fire at and the previous level of the playback. Used to determine whether the playback should be matched.
- accuracy:** The accuracy of the level matching.

Playbacks.Preload

Preloads a playback by loading the memory with all values except intensity. Any fixtures with there intensity on will not be ignored. Allows you to setup the memory without actually running it so fixtures do not move.

MACRO

```
Void PreloadPlayback(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Acw.Titan.AcwTimeSpan)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Preload
```

Parameters

- handle:** The handle of the playback to preload.
- time:** The time over which to fade the channels being loaded.

Playbacks.QuickBuild

Stores the current programmer onto the selected handle then sets it as an edit handle for further work by QuickBuildCue.

MACRO

```
Void
StartQuickBuildCue(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/QuickBuild
```

Parameters

- handle:** The handle.

Playbacks.QuickBuildCue

Creates a cue using existing cues in quick build mode. Essentially a merge function.

MACRO

```
Void QuickBuildCue()
```

HTTP

`http://[ip]:4430/titan/script/Playbacks/QuickBuildCue`

Playbacks.QuickBuildRange

MACRO

```
Avolites.Menus.EventPropagation QuickBuildRange(System.String,
System.Collections.Generic.List`1[System.Int32],
Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

`http://[ip]:4430/titan/script/Playbacks/QuickBuildRange`

Playbacks.ReleaseAllPlaybacks

Releases all playbacks.

MACRO

```
Void ReleaseAllPlaybacks(Avolites.Acw.Titan.AcwTimeSpan,
Boolean, Boolean)
```

HTTP

`http://[ip]:4430/titan/script/Playbacks/ReleaseAllPlaybacks`

Parameters

fadeTime: The fade time to use when releasing.

useMasterReleaseTime: True if we are to ignore the playback's release time

allPlaybacks: if set to

Playbacks.ReleasePlayback

Releases a playback.

MACRO

```
Void ReleasePlayback(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Acw.Titan.AcwTimeSpan, Boolean)
```

HTTP

`http://[ip]:4430/titan/script/Playbacks/ReleasePlayback`

Parameters

handle: The handle.

fadeTime: The fade time to release the playback over.

useMasterReleaseTime: True if we are to ignore the playback's release time

Playbacks.ReleasePlaybacksByGroup

Releases playbacks based on their location

MACRO

```
Void ReleasePlaybacksByGroup(Avolites.Acw.Titan.AcwTimeSpan,
Boolean, System.String,
Avolites.Titan.Controllers.ReleaseHandleGroupMode)
```

HTTP

`http://[ip]:4430/titan/script/Playbacks/ReleasePlaybacksByGroup`

Parameters

fadeTime: The fade time to use when releasing.

useMasterReleaseTime: True if we are to ignore the playback's release time

groupNames: The group names, a semicolon separated list of group names.

groupOption: The group option.

Playbacks.RenumberCues

Renumbers all the cue numbers in the given playback to be whole numbers.

```

MACRO
Void
RenumberPlaybackCues(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Playbacks/ReNumberCues

```

Parameters

handle: The playback handle to re-number.

Playbacks.ReplacePlaybackCue

Replaces the current playback with a new item created from the programmer.

```

MACRO
Void
ReplacePlaybackCue(Avolites.Titan.Controllers.Handles.Handle,
Boolean)
HTTP
http://[ip]:4430/titan/script/Playbacks/ReplacePlaybackCue

```

Parameters

handle: The handle containing the item to replace.

updateOnly: if set to

Playbacks.ReplacePlaybackQuickBuild

Called to copy the edit handle property set by the merge/replace menu operations to the property that is expected by quickbuild.

```

MACRO
Void
ReplaceQuickBuildCue(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Playbacks/ReplacePlaybackQuickBuild

```

Parameters

handle: The handle.

Playbacks.Select.EditHandle

Sets the playback edit handle.

```

MACRO
Void
SetPlaybackEditHandle(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Playbacks/Select/EditHandle

```

Parameters

handle: The handle.

Playbacks.Select.Process

This function can be called from the menu and will fire an event based on the playback type on the given handle. The following events will occur Empty = Playbacks.Select.Empty Cue = Playbacks.Select.Cue Chase = Playbacks.Select.Chase CueList = Playbacks.Select.CueList UnfoldedChaseCue = Playbacks.Select.UnfoldedChaseCue UnfoldedCueListCue = Playbacks.Select.UnfoldedCueListCue

```

MACRO
Void PlaybackHandleSelect(System.String, Int32)

```

HTTP

http://[ip]:4430/titan/script/Playbacks/Select/Process

Parameters

group: The handle group.

playbackId: The index of the handle in the group.

Playbacks.Selection.Clear

Clears the playback selection.

MACRO

Void ClearSelection()

HTTP

http://[ip]:4430/titan/script/Playbacks/Selection/Clear

Playbacks.Selection.SelectPlaybacks

MACRO

Void SelectPlaybacks(System.String,
System.Collections.Generic.List`1[System.Int32])

HTTP

http://[ip]:4430/titan/script/Playbacks/Selection/SelectPlaybacks

Playbacks.SelectPlaybackToAppend

Enters Edit mode for a playback

MACRO

Void
EnterPlaybackEdit(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Playbacks/SelectPlaybackToAppend

Parameters

handle: The handle.

Playbacks.SetAvailableUpdateHandles

Sets the available update handles, disabling all others.

MACRO

Void SetAvailableUpdateHandles()

HTTP

http://[ip]:4430/titan/script/Playbacks/SetAvailableUpdateHandles

Playbacks.SetCueBlockedShape

Sets a shape to blocked or unblocked in a cue.

MACRO

Void SetCueBlockedShape(Int32, Int32, Int32, Boolean)

HTTP

http://[ip]:4430/titan/script/Playbacks/SetCueBlockedShape

Parameters

playbackId: The playback identifier.

cueId: The cue identifier.

shapeId: The shape identifier.

blocked: set to

Playbacks.SetCueBlockedShapes

MACRO

Void SetCueBlockedShapes(Int32, Int32,
System.Collections.Generic.IEnumerable`1[System.Int32],
Boolean)

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/SetCueBlockedShapes](http://[ip]:4430/titan/script/Playbacks/SetCueBlockedShapes)

Playbacks.SetCueLegend

Sets the legend of a cue.

MACRO

```
Void SetCueLegend(Avolites.Titan.Controllers.Handles.Handle,
Single, System.String)
```

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/SetCueLegend](http://[ip]:4430/titan/script/Playbacks/SetCueLegend)

Parameters

handle: The handle.

cueNumber: The cue number.

newLegend: The new legend.

Playbacks.SetEnabledHandlesToFixturesInCue

Sets the enabled handles to the fixtures in a playback cue

MACRO

```
Void
SetEnabledHandlesToFixturesInCue(Avolites.Titan.Controllers.Handles.Custom.PlaybackCueHandle)
```

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/SetEnabledHandlesToFixturesInCue](http://[ip]:4430/titan/script/Playbacks/SetEnabledHandlesToFixturesInCue)

Parameters

cueHandle: The handle of the cue.

Playbacks.SetEnabledHandlesToPlaybacks

Sets the enabled handles to all playbacks.

MACRO

```
Void SetEnabledHandlesToPlaybacks()
```

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/SetEnabledHandlesToPlaybacks](http://[ip]:4430/titan/script/Playbacks/SetEnabledHandlesToPlaybacks)

Playbacks.SetPlaybackLevel

Sets the level of a playback.

MACRO

```
Single
SetPlaybackLevel(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Menus.Maths.LevelAdjust)
```

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/SetPlaybackLevel](http://[ip]:4430/titan/script/Playbacks/SetPlaybackLevel)

Parameters

srcHandle: The playback handle.

level: The level.

Playbacks.SetRecordType

Sets the type of playback to record.

MACRO

```
Void SetRecordType(System.String)
```

HTTP

[http://\[ip\]:4430/titan/script/Playbacks/SetRecordType](http://[ip]:4430/titan/script/Playbacks/SetRecordType)

Parameters

recordType: Type of the record.

Playbacks.StoreCue

Records a single cue on a playback. The new cue is created using the information in the programmer and the current record mode.

MACRO

```
Void StoreCue(System.String, Int32, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/StoreCue
```

Parameters

- group**: The handle group the new cue is to be recorded on.
- index**: The handle ID in the group the cue is to be recorded on.
- updateOnly**: if set to

Playbacks.SuppressEventIfIsPlaybackEditHandle

Checks if a handle is the playback edit handle. If it is returns EventPropergation.Handled otherwise EventPropergation.UnHandled This is used by the chase and cue list menus to filter key actions so flash and swop don't get fired when appending a step to a playback that is being edited.

MACRO

```
Avolites.Menus.EventPropergation  
CheckIfPlaybackEditHandle(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/SuppressEventIfIsPlayba  
ckEditHandle
```

Parameters

- handle**: The handle.

Returns

- EventPropergation value

Playbacks.SwopPlayback

Set a playback to swopped

MACRO

```
Void SwopPlayback(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/SwopPlayback
```

Parameters

- handle**: The handle.

Playbacks.TapTempo

Set a playback's speed by tapping. The step interval will be set the interval between two taps and the sync point (edge time) by the timestamp of the tap

MACRO

```
Void TapTempo(Avolites.Titan.Controllers.Handles.Handle,  
System.DateTime)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/TapTempo
```

Parameters

- handle**: The handle.
- panelTimeStamp**: The panel time stamp.

Playbacks.Timecode.TimecodeItems

Returns a list of menu items for each cue list in the show and highlights any items which are selected for timecode control.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
TimecodeCueLists()
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Timecode/TimecodeItems
```

Returns

A list of menu items for each cue list with the highlight set to whether the cue list is under timecode control.

Playbacks.Timecode.ToggleEnabled.Handle

Toggles whether a cue list is enabled for timecode given the handle of the cue list.

MACRO

```
Void
ToggleTimecodeEnabled(Avolites.Titan.Controllers.Handles.Handle
)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Timecode/ToggleEnabled/
Handle
```

Parameters

handle: The handle for the cue list to toggle timecode enabled on.

Playbacks.Timecode.ToggleEnabled.HandleRange**MACRO**

```
Void ToggleTimecodeEnabled(System.String,
System.Collections.Generic.List`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Timecode/ToggleEnabled/
HandleRange
```

Playbacks.Timecode.ToggleEnabled.MenuItem

Toggles whether the cue list for this menu item is enabled for timecode control.

MACRO

```
Void ToggleTimecodeEnabled(Avolites.Menus.MenuItem)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/Timecode/ToggleEnabled/
MenuItem
```

Parameters

menuItem: The menu item which contains the cue list to toggle.

Playbacks.TimesEdit.FillTimes

Determines the cue type on the handle a fills the appropriate menu properties for the times in the playback. Also sets the current times edit handle.

MACRO

```
Void FillEditTimes(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/TimesEdit/FillTimes
```

Parameters

handle: The handle to fill the times for.

Playbacks.ToggleAvailableUpdateHighlight

Toggles highlighting of menu item and corresponding handle.

MACRO

```
Void ToggleAvailableUpdateHighlight(Avolites.Menus.IMenu,
Avolites.Menus.MenuItem)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/ToggleAvailableUpdateHi
ghlight
```

Parameters

menu: The menu.

menuItem: The menu item to toggle.

Playbacks.ToggleBlindPlayback

Toggles a playbacks blind mode state.

MACRO

```
Void
ToggleBlindPlayback(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/ToggleBlindPlayback
```

Parameters

handle: The handle of the playback to toggle the blind state on.

Playbacks.ToggleLatchPlayback

toggles between flash playback and clear playback cue lists play the next cue in the list when latched.

MACRO

```
Void
ToggleLatchOrAdvancePlayback(Avolites.Titan.Controllers.Handles
.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/ToggleLatchPlayback
```

Parameters

handle: the handle

Playbacks.UpdatePlaybackCues

MACRO

```
Void
UpdatePlaybackCues(System.Collections.Generic.IEnumerable`1[Avo
lites.Titan.Controllers.Handles.Handle], Boolean, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Playbacks/UpdatePlaybackCues
```

3.54.2 Playbacks Properties**Playbacks.ClearRecordMask**

Gets or sets the type of the playback to record.

MACRO

```
ActionScript.SetProperty(Playbacks.ClearRecordMask,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/ClearRecordMask
```

HTTP

```
POST /titan/set/Playbacks/ClearRecordMask
```


Playbacks.CopyTrackedValues

The flag to determine whether to copy tracked cue values as hard values or not.

```
MACRO
ActionScript.SetProperty(Playbacks.CopyTrackedValues,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/CopyTrackedValues
HTTP
POST /titan/set/Playbacks/CopyTrackedValues
```

Playbacks.EditHandle

Gets or sets the handle of the handle currently being edited. This handle will be set when you enter the HandleAlreadyInUse menu. You may only edit one handle at a time. This handle is used to indicate what handle to perform edit actions on. The handle is set to null when no handle is being edited.

```
MACRO
ActionScript.SetProperty(Playbacks.EditHandle,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/EditHandle
HTTP
POST /titan/set/Playbacks/EditHandle
```

Playbacks.EditHandles

Gets or sets the edit handles.

```
MACRO
ActionScript.SetProperty(Playbacks.EditHandles,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/EditHandles
HTTP
POST /titan/set/Playbacks/EditHandles
```

Playbacks.Editor.Autoload.Target.CueNumber

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Autoload.Target.CueNumber,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Autoload/Target/CueNumber
HTTP
POST /titan/set/Playbacks/Editor/Autoload/Target/CueNumber
```

Playbacks.Editor.Autoload.Target.Handle

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Autoload.Target.Handle,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Autoload/Target/Handle
HTTP
POST /titan/set/Playbacks/Editor/Autoload/Target/Handle
```

Playbacks.Editor.Autoload.Target.Name

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Autoload.Target.Name,
[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Autoload/Target/Name
```

HTTP

```
POST /titan/set/Playbacks/Editor/Autoload/Target/Name
```

Playbacks.Editor.Autoload.Target.Type

Gets or sets the type of the autoload target.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Autoload.Target.Type,
[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Autoload/Target/Type
```

HTTP

```
POST /titan/set/Playbacks/Editor/Autoload/Target/Type
```

Playbacks.Editor.AutoloadEditor

Gets or sets the autoload editor.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.AutoloadEditor, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/AutoloadEditor
```

HTTP

```
POST /titan/set/Playbacks/Editor/AutoloadEditor
```

Playbacks.Editor.ContextCue

The current context cue for display in the menu system.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.ContextCue, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/ContextCue
```

HTTP

```
POST /titan/set/Playbacks/Editor/ContextCue
```

Playbacks.Editor.ContextCueNumber

Gets the cue number for the current context cue.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.ContextCueNumber, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/ContextCueNumber
```

HTTP

```
POST /titan/set/Playbacks/Editor/ContextCueNumber
```

Playbacks.Editor.CopyCues.CueSelection

Gets or sets the cue selection for the source cues to copy or move.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.CopyCues.CueSelection,
[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/CopyCues/CueSelection
HTTP
POST /titan/set/Playbacks/Editor/CopyCues/CueSelection
```

Playbacks.Editor.CueEditor

Reference to cue editor

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.CueEditor,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/CueEditor
```

```
HTTP
POST /titan/set/Playbacks/Editor/CueEditor
```

Playbacks.Editor.CueSelectionEditor

Gets or sets the cue selection editor.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.CueSelectionEditor,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/CueSelectionEditor
```

```
HTTP
POST /titan/set/Playbacks/Editor/CueSelectionEditor
```

Playbacks.Editor.CueToView

The cue for display in the CueView Window.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.CueToView,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/CueToView
```

```
HTTP
POST /titan/set/Playbacks/Editor/CueToView
```

Playbacks.Editor.FixtureEditor

Gets the fixture attribute editor which allows modification of fixture attributes.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.FixtureEditor,[value])
)
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/FixtureEditor
```

```
HTTP
POST /titan/set/Playbacks/Editor/FixtureEditor
```

Playbacks.Editor.FixtureOrder.AutoIncrementStep

Gets or sets a value indicating whether to auto increment the step number. If this is true we add one to the editing step number every time a fixture is assigned.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.FixtureOrder.AutoIncrementStep,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/FixtureOrder/AutoIncrementStep
```

```
HTTP
POST /titan/set/Playbacks/Editor/FixtureOrder/AutoIncrementStep
```

Playbacks.Editor.FixtureOrder.EditingStepNumber

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.FixtureOrder.EditingStepNumber,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/FixtureOrder/EditingStepNumber
```

```
HTTP
POST /titan/set/Playbacks/Editor/FixtureOrder/EditingStepNumber
```

Playbacks.Editor.FixtureOrder.EditorActive

Gets or sets a value indicating whether this is active. When the FixtureOrderEditor is made active it sets the info in the fixture handles so they display shows fixture order information. When it is deactivated it clears this info so the handles go back to normal.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.FixtureOrder.EditorActive,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/FixtureOrder/EditorActive
```

```
HTTP
POST /titan/set/Playbacks/Editor/FixtureOrder/EditorActive
```

Playbacks.Editor.FixtureOrderEditor

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.FixtureOrderEditor,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/FixtureOrderEditor
```

```
HTTP
POST /titan/set/Playbacks/Editor/FixtureOrderEditor
```

Playbacks.Editor.Fixtures.ContextAttribute.FunctionType

Gets the type of the current function in the context attribute.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Fixtures.ContextAttribute.FunctionType,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Fixtures/ContextAttribute/FunctionType
```

```
HTTP
POST
/titan/set/Playbacks/Editor/Fixtures/ContextAttribute/FunctionType
```

Playbacks.Editor.Fixtures.ContextAttribute.ValueOff

Gets the if the current attribute Value of the control is OFF

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Fixtures.ContextAttribute.ValueOff,[value])
```

```

HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Fixtures/ContextAttribute/ValueOff
HTTP
POST
/titan/set/Playbacks/Editor/Fixtures/ContextAttribute/ValueOff

```

Playbacks.Editor.MacroEditor

Gets or sets the macro editor.

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.MacroEditor,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/MacroEditor
HTTP
POST /titan/set/Playbacks/Editor/MacroEditor

```

Playbacks.Editor.Macros.Target.Handle

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.Macros.Target.Handle,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Macros/Target/Handle
HTTP
POST /titan/set/Playbacks/Editor/Macros/Target/Handle

```

Playbacks.Editor.Macros.Target.Name

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.Macros.Target.Name,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Macros/Target/Name
HTTP
POST /titan/set/Playbacks/Editor/Macros/Target/Name

```

Playbacks.Editor.SelectedPlayback

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.SelectedPlayback,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/SelectedPlayback
HTTP
POST /titan/set/Playbacks/Editor/SelectedPlayback

```

Playbacks.Editor.SelectedPlaybackName

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.SelectedPlaybackName,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/SelectedPlaybackName
HTTP
POST /titan/set/Playbacks/Editor/SelectedPlaybackName

```

Playbacks.Editor.Selection.ContextFixtureHandle

The context fixture is the last fixture which was selected. This fixture is used to determine which attribute controls are displayed to the user.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Selection.ContextFixtureHandle,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Selection/ContextFixtureHandle
```

HTTP

```
POST /titan/set/Playbacks/Editor/Selection/ContextFixtureHandle
```

Playbacks.Editor.Selection.Empty

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Selection.Empty,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Selection/Empty
```

HTTP

```
POST /titan/set/Playbacks/Editor/Selection/Empty
```

Playbacks.Editor.Selection.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Selection.PatternSelect,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Selection/PatternSelect
```

HTTP

```
POST /titan/set/Playbacks/Editor/Selection/PatternSelect
```

Playbacks.Editor.Selection.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Selection.RepeatPattern,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Selection/RepeatPattern
```

HTTP

```
POST /titan/set/Playbacks/Editor/Selection/RepeatPattern
```

Playbacks.Editor.Timecode.CueTimecode

Gets or sets the cue timecode time being edited.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Timecode.CueTimecode,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Timecode/CueTimecode
```

HTTP

POST /titan/set/Playbacks/Editor/Timecode/CueTimecode

Playbacks.Editor.Timecode.CueTimecodeDisabled

Gets or sets a value indicating whether [cue timecode disabled].

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Timecode.CueTimecodeDisabled,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Timecode/CueTimecodeDisabled
```

HTTP

POST /titan/set/Playbacks/Editor/Timecode/CueTimecodeDisabled

Playbacks.Editor.Timecode.TimecodeOffset

Gets or sets the cue timecode offset.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Timecode.TimecodeOffset,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Timecode/TimecodeOffset
```

HTTP

POST /titan/set/Playbacks/Editor/Timecode/TimecodeOffset

Playbacks.Editor.Times.ActiveControlTime

Gets or sets whether the delay or fade time is being edited.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.ActiveControlTime,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/ActiveControlTime
```

HTTP

POST /titan/set/Playbacks/Editor/Times/ActiveControlTime

Playbacks.Editor.Times.CaptionText

Gets or sets the help text to be shown when using the programmer editor

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.CaptionText,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CaptionText
```

HTTP

POST /titan/set/Playbacks/Editor/Times/CaptionText

Playbacks.Editor.Times.ChaseBeatCount

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.ChaseBeatCount,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/ChaseBeatCount
```

```
HTTP
POST /titan/set/Playbacks/Editor/Times/ChaseBeatCount
```

Playbacks.Editor.Times.ChaseFixtureOverlap

Gets or sets the chase fixture overlap.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.ChaseFixtureOverlap,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/ChaseFixtureOverlap
```

```
HTTP
POST /titan/set/Playbacks/Editor/Times/ChaseFixtureOverlap
```

Playbacks.Editor.Times.ChaseGlobalLink

Gets or sets the chase global link.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.ChaseGlobalLink,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/ChaseGlobalLink
```

```
HTTP
POST /titan/set/Playbacks/Editor/Times/ChaseGlobalLink
```

Playbacks.Editor.Times.ChaseSpeedMultiplier

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.ChaseSpeedMultiplier,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/ChaseSpeedMultiplier
```

```
HTTP
POST /titan/set/Playbacks/Editor/Times/ChaseSpeedMultiplier
```

Playbacks.Editor.Times.ChaseXFade

Gets or sets the chase X fade.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.ChaseXFade,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/ChaseXFade
```

```
HTTP
POST /titan/set/Playbacks/Editor/Times/ChaseXFade
```

Playbacks.Editor.Times.ControlDelayTime

Gets or sets the current delay time being edited.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.ControlDelayTime,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/ControlDelayTime
```

```
HTTP
POST /titan/set/Playbacks/Editor/Times/ControlDelayTime
```


Playbacks.Editor.Times.ControlFadeTime

Gets or sets the current fade time being edited.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.ControlFadeTime, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/ControlFadeTime
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/ControlFadeTime
```

Playbacks.Editor.Times.CueAutoloadDelay

Gets or sets the current autoload delay.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.CueAutoloadDelay, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueAutoloadDelay
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/CueAutoloadDelay
```

Playbacks.Editor.Times.CueAutoloadFade

Gets or sets the current autoload fade time.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.CueAutoloadFade, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueAutoloadFade
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/CueAutoloadFade
```

Playbacks.Editor.Times.CueAutoloadFadeOut

Gets or sets the current autoload fade time.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.CueAutoloadFadeOut, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueAutoloadFadeOut
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/CueAutoloadFadeOut
```

Playbacks.Editor.Times.CueCurve

Gets or sets the cue curve.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.CueCurve, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueCurve
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/CueCurve
```

Playbacks.Editor.Times.CueCurveName

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueCurveName, [value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueCurveName
HTTP
POST /titan/set/Playbacks/Editor/Times/CueCurveName
```

Playbacks.Editor.Times.CueDelayInTime

Gets or sets the cue delay in time.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueDelayInTime, [value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueDelayInTime
HTTP
POST /titan/set/Playbacks/Editor/Times/CueDelayInTime
```

Playbacks.Editor.Times.CueDelayOutTime

Gets or sets the cue delay out time.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueDelayOutTime, [value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueDelayOutTime
HTTP
POST /titan/set/Playbacks/Editor/Times/CueDelayOutTime
```

Playbacks.Editor.Times.CueFadeInTime

Gets or sets the cue fade in time.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueFadeInTime, [value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueFadeInTime
HTTP
POST /titan/set/Playbacks/Editor/Times/CueFadeInTime
```

Playbacks.Editor.Times.CueFadeOutTime

Gets or sets the cue fade out time.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueFadeOutTime, [value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueFadeOutTime
HTTP
POST /titan/set/Playbacks/Editor/Times/CueFadeOutTime
```

Playbacks.Editor.Times.CueFixtureOverlap

Gets or sets the cue fixture overlap.

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueFixtureOverlap,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueFixtureOverlap
HTTP
POST /titan/set/Playbacks/Editor/Times/CueFixtureOverlap

```

Playbacks.Editor.Times.CueLegend

Gets or sets the cue legend.

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueLegend,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueLegend
HTTP
POST /titan/set/Playbacks/Editor/Times/CueLegend

```

Playbacks.Editor.Times.CueLink

Gets or sets the cue link property.

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueLink,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueLink
HTTP
POST /titan/set/Playbacks/Editor/Times/CueLink

```

Playbacks.Editor.Times.CueLinkOffset

Gets or sets the LinkOffset property of the selected cues.

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueLinkOffset,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueLinkOffset
HTTP
POST /titan/set/Playbacks/Editor/Times/CueLinkOffset

```

Playbacks.Editor.Times.CueLinkOffsetType

Gets or sets the LinkOffsetType property of the selected cues.

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueLinkOffsetType,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueLinkOffsetType
HTTP
POST /titan/set/Playbacks/Editor/Times/CueLinkOffsetType

```

Playbacks.Editor.Times.CueMode

Gets or sets the cue mode property.

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueMode,[value])

```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueMode
HTTP
POST /titan/set/Playbacks/Editor/Times/CueMode
```

Playbacks.Editor.Times.CueMoveInDark

Gets or sets the move in dark setting being edited.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueMoveInDark, [
value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueMoveInDark
HTTP
POST /titan/set/Playbacks/Editor/Times/CueMoveInDark
```

Playbacks.Editor.Times.CueMoveInDarkDelay

Gets or sets the current move in dark delay.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueMoveInDarkDe
lay, [value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueMoveInDark
Delay
HTTP
POST /titan/set/Playbacks/Editor/Times/CueMoveInDarkDelay
```

Playbacks.Editor.Times.CueMoveInDarkFade

Gets or sets the current move in dark fade time.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueMoveInDarkFa
de, [value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueMoveInDark
Fade
HTTP
POST /titan/set/Playbacks/Editor/Times/CueMoveInDarkFade
```

Playbacks.Editor.Times.CueMoveInDarkInhibit

Gets or sets whether move in dark is inhibited by the cue being edited.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueMoveInDarkIn
hibit, [value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueMoveInDark
Inhibit
HTTP
POST /titan/set/Playbacks/Editor/Times/CueMoveInDarkInhibit
```

Playbacks.Editor.Times.CueMoveInDarkTrigger

Gets or sets the move in dark trigger value being edited.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueMoveInDarkTr
igger, [value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueMoveInDark
Trigger
HTTP
POST /titan/set/Playbacks/Editor/Times/CueMoveInDarkTrigger
```

Playbacks.Editor.Times.CueNotes

Gets or sets the cue notes.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueNotes,[value
])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueNotes
HTTP
POST /titan/set/Playbacks/Editor/Times/CueNotes
```

Playbacks.Editor.Times.CuePreload

Gets or sets the cue preload flag.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CuePreload,[val
ue])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CuePreload
HTTP
POST /titan/set/Playbacks/Editor/Times/CuePreload
```

Playbacks.Editor.Times.CueSpeedMultiplier

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueSpeedMultipl
ier,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueSpeedMulti
plier
HTTP
POST /titan/set/Playbacks/Editor/Times/CueSpeedMultiplier
```

Playbacks.Editor.Times.CueTracking

Gets or sets the cue tracking property.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.CueTracking,[va
lue])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/CueTracking
HTTP
POST /titan/set/Playbacks/Editor/Times/CueTracking
```

Playbacks.Editor.Times.DelayInProgrammer

Gets or sets a value indicating whether delay is in the programmer.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.DelayInProgramm
er,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/DelayInProgra
mmer
```

HTTP

POST /titan/set/Playbacks/Editor/Times/DelayInProgrammer

Playbacks.Editor.Times.DelayOutInProgrammer

Gets or sets a value indicating whether delay out is in the programmer.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.DelayOutInProgrammer,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/DelayOutInProgrammer
```

HTTP

POST /titan/set/Playbacks/Editor/Times/DelayOutInProgrammer

Playbacks.Editor.Times.Disabled

Gets or sets the Cue Disabled flag

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.Disabled,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/Disabled
```

HTTP

POST /titan/set/Playbacks/Editor/Times/Disabled

Playbacks.Editor.Times.EditControlName

Gets or sets the name of the current control being edited.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.EditControlName,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/EditControlName
```

HTTP

POST /titan/set/Playbacks/Editor/Times/EditControlName

Playbacks.Editor.Times.EditingGroups

Gets or sets a value indicating whether we are editing the context attribute group or a single attribute time for the context fixture selection.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.EditingGroups,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/EditingGroups
```

HTTP

POST /titan/set/Playbacks/Editor/Times/EditingGroups

Playbacks.Editor.Times.FadeInProgrammer

Gets or sets a value indicating whether fade is in the programmer.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.FadeInProgrammer,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/FadeInProgrammer
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/FadeInProgrammer
```

Playbacks.Editor.Times.FadeOutInProgrammer

Gets or sets a value indicating whether fade out is in the programmer.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.FadeOutInProgrammer,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/FadeOutInProgrammer
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/FadeOutInProgrammer
```

Playbacks.Editor.Times.FixtureOverlapInProgrammer

Gets or sets a value indicating whether fixture overlap is in the programmer.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.FixtureOverlapInProgrammer,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/FixtureOverlapInProgrammer
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/FixtureOverlapInProgrammer
```

Playbacks.Editor.Times.FlashInTime

Gets or sets the current flash fade in

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.FlashInTime,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/FlashInTime
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/FlashInTime
```

Playbacks.Editor.Times.FlashOutTime

Gets or sets the current flash fade out

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.FlashOutTime,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/FlashOutTime
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/FlashOutTime
```

Playbacks.Editor.Times.MoveInDarkDelayInProgrammer

Gets or sets a value indicating whether move in dark delay is in the programmer.

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.MoveInDarkDelay
InProgrammer,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/MoveInDarkDel
ayInProgrammer
HTTP
POST
/titan/set/Playbacks/Editor/Times/MoveInDarkDelayInProgrammer

```

Playbacks.Editor.Times.MoveInDarkFadeInProgrammer

Gets or sets a value indicating whether move in dark fade is in the programmer.

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.MoveInDarkFadeI
nProgrammer,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/MoveInDarkFad
eInProgrammer
HTTP
POST
/titan/set/Playbacks/Editor/Times/MoveInDarkFadeInProgrammer

```

Playbacks.Editor.Times.PlaybackReleaseTime

Gets or sets the playback release time.

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.PlaybackRelease
Time,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/PlaybackRelea
seTime
HTTP
POST /titan/set/Playbacks/Editor/Times/PlaybackReleaseTime

```

Playbacks.Editor.Times.PlaybackSpeed

Gets or sets the playback speed. For all playbacks this is the speed of effects in local master mode. In addition this is the speed of chases in all free run or local master mode.

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.PlaybackSpeed,[
value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/PlaybackSpeed
HTTP
POST /titan/set/Playbacks/Editor/Times/PlaybackSpeed

```

Playbacks.Editor.Times.PreviousSelectedCueProperty

```

MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.PreviousSelecte
dCueProperty,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/PreviousSelec
tedCueProperty
HTTP
POST
/titan/set/Playbacks/Editor/Times/PreviousSelectedCueProperty

```


Playbacks.Editor.Times.Programmer.ControlDelayTime

Gets or sets the programmer's control delay time that is currently being edited.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.Programmer.ControlDelayTime,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/Programmer/ControlDelayTime
```

HTTP

```
POST
/titan/set/Playbacks/Editor/Times/Programmer/ControlDelayTime
```

Playbacks.Editor.Times.Programmer.ControlDelayTimeChanged

Gets or sets whether the delay time is OFF

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.Programmer.ControlDelayTimeChanged,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/Programmer/ControlDelayTimeChanged
```

HTTP

```
POST
/titan/set/Playbacks/Editor/Times/Programmer/ControlDelayTimeChanged
```

Playbacks.Editor.Times.Programmer.ControlFadeTime

Gets or sets the programmer's control fade time that is currently being edited.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.Programmer.ControlFadeTime,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/Programmer/ControlFadeTime
```

HTTP

```
POST
/titan/set/Playbacks/Editor/Times/Programmer/ControlFadeTime
```

Playbacks.Editor.Times.Programmer.ControlFadeTimeChanged

Gets or sets whether the delay time is OFF

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.Programmer.ControlFadeTimeChanged,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/Programmer/ControlFadeTimeChanged
```

HTTP

```
POST
/titan/set/Playbacks/Editor/Times/Programmer/ControlFadeTimeChanged
```

Playbacks.Editor.Times.Programmer.ControlTimesChanged

Used to update channel grid when a programmer fade or delay time is changed

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.Programmer.ControlTimesChanged,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/Programmer/ControlTimesChanged
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/Programmer/ControlTimesChanged
```

Playbacks.Editor.Times.Programmer.EditingGroups

Gets or sets a value indicating whether we are editing the context attribute group or a single attribute time for the context programmer fixture selection.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.Programmer.EditingGroups,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/Programmer/EditingGroups
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/Programmer/EditingGroups
```

Playbacks.Editor.Times.ProgrammerCueDelayInTime

The delay in time for the selected programmer cue.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.ProgrammerCueDelayInTime,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/ProgrammerCueDelayInTime
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/ProgrammerCueDelayInTime
```

Playbacks.Editor.Times.ProgrammerCueDelayOutTime

The delay out time for the selected programmer cue.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.ProgrammerCueDelayOutTime,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/ProgrammerCueDelayOutTime
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/ProgrammerCueDelayOutTime
```

Playbacks.Editor.Times.ProgrammerCueFadeInTime

The fade in time for the selected programmer cue.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.ProgrammerCueFadeInTime,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/ProgrammerCue
FadeInTime
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/ProgrammerCueFadeInTime
```

Playbacks.Editor.Times.ProgrammerCueFadeOutTime

The fade out time for the selected programmer cue.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.ProgrammerCueFa
deOutTime,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/ProgrammerCue
FadeOutTime
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/ProgrammerCueFadeOutTime
```

Playbacks.Editor.Times.ProgrammerCueFixtureOverlap

The fixture overlap for the selected programmer cue.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.ProgrammerCueFi
xtureOverlap,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/ProgrammerCue
FixtureOverlap
```

HTTP

```
POST
/titan/set/Playbacks/Editor/Times/ProgrammerCueFixtureOverlap
```

Playbacks.Editor.Times.ProgrammerReleaseTime

Gets or sets the programmer release time.

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.ProgrammerRelea
seTime,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/ProgrammerRel
easeTime
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/ProgrammerReleaseTime
```

Playbacks.Editor.Times.ProgrammerTimesEditMode

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.ProgrammerTimes
EditMode,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/Editor/Times/ProgrammerTim
esEditMode
```

HTTP

```
POST /titan/set/Playbacks/Editor/Times/ProgrammerTimesEditMode
```

Playbacks.Editor.Times.SelectedCueProperty

MACRO

```
ActionScript.SetProperty(Playbacks.Editor.Times.SelectedCueProp
erty,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/SelectedCuePr
operty
HTTP
POST /titan/set/Playbacks/Editor/Times/SelectedCueProperty
```

Playbacks.Editor.Times.SelectedPlaybackProperty

Gets or sets the selected playback property. This is the playback property currently selected for editing. (As opposed to a cue property)

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.Times.SelectedPlaybac
kProperty,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/Times/SelectedPlayb
ackProperty
HTTP
POST /titan/set/Playbacks/Editor/Times/SelectedPlaybackProperty
```

Playbacks.Editor.TimesEditor

Gets or sets the times editor used to change the times within a playback.

```
MACRO
ActionScript.SetProperty(Playbacks.Editor.TimesEditor,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Editor/TimesEditor
HTTP
POST /titan/set/Playbacks/Editor/TimesEditor
```

Playbacks.MasterReleaseTime

The default time to fade when releasing a playback.

```
MACRO
ActionScript.SetProperty(Playbacks.MasterReleaseTime,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/MasterReleaseTime
HTTP
POST /titan/set/Playbacks/MasterReleaseTime
```

Playbacks.PendingLegend

Gets or sets the pending legend.

```
MACRO
ActionScript.SetProperty(Playbacks.PendingLegend,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/PendingLegend
HTTP
POST /titan/set/Playbacks/PendingLegend
```

Playbacks.PlaybackEdit.ActionAppendOverwriteInsertStep

Gets or sets a value indicating whether the CurrentStepNumber will cause a step to be appended, inserted or overwritten

```
MACRO
ActionScript.SetProperty(Playbacks.PlaybackEdit.ActionAppendOve
rwriteInsertStep,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/PlaybackEdit/ActionAppendOverwriteInsertStep
```

```
HTTP
POST
/titan/set/Playbacks/PlaybackEdit/ActionAppendOverwriteInsertStep
```

Playbacks.PlaybackEdit.CurrentStep

Gets or sets the current step that is being edited. When recording a chase this indicates the step number of the next step to be recorded. By changing this value to an existing step it will insert the step at this position.

```
MACRO
ActionScript.SetProperty(Playbacks.PlaybackEdit.CurrentStep,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/PlaybackEdit/CurrentStep
```

```
HTTP
POST /titan/set/Playbacks/PlaybackEdit/CurrentStep
```

Playbacks.PlaybackEdit.Handle

Gets or sets the handle of the chase currently being edited. This handle will be set when you enter the chase edit menu. You may only edit one chase at a time. This handle is used to indicate what chase to perform edit actions on. The handle is set to null when no handle is being edited.

```
MACRO
ActionScript.SetProperty(Playbacks.PlaybackEdit.Handle,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/PlaybackEdit/Handle
```

```
HTTP
POST /titan/set/Playbacks/PlaybackEdit/Handle
```

Playbacks.PlaybackEdit.InsertBeforeStep

Gets or sets the number of the step that a new step will be inserted before if a new step will be inserted. If a new step will be appended value is undefined.

```
MACRO
ActionScript.SetProperty(Playbacks.PlaybackEdit.InsertBeforeStep,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/PlaybackEdit/InsertBeforeStep
```

```
HTTP
POST /titan/set/Playbacks/PlaybackEdit/InsertBeforeStep
```

Playbacks.PlaybackEdit.PlaybackName

Gets or sets the name of the Playback being edited.

```
MACRO
ActionScript.SetProperty(Playbacks.PlaybackEdit.PlaybackName,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Playbacks/PlaybackEdit/PlaybackName
```

```
HTTP
POST /titan/set/Playbacks/PlaybackEdit/PlaybackName
```

Playbacks.PlaybackEdit.StepCount

Gets or sets the number of steps in the chase being edited.

```
MACRO
ActionScript.SetProperty(Playbacks.PlaybackEdit.StepCount, [value])
HTTP
http://[ip]:4430/titan/get/Playbacks/PlaybackEdit/StepCount
HTTP
POST /titan/set/Playbacks/PlaybackEdit/StepCount
```

Playbacks.PlaybackOptions.Blind

Gets or sets whether the current playback option being edited is in the blind state or not.

```
MACRO
ActionScript.SetProperty(Playbacks.PlaybackOptions.Blind, [value])
HTTP
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/Blind
HTTP
POST /titan/set/Playbacks/PlaybackOptions/Blind
```

Playbacks.PlaybackOptions.CueListFaderMode

Gets or sets the current playback option CueListFaderMode.

```
MACRO
ActionScript.SetProperty(Playbacks.PlaybackOptions.CueListFaderMode, [value])
HTTP
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/CueListFaderMode
HTTP
POST /titan/set/Playbacks/PlaybackOptions/CueListFaderMode
```

Playbacks.PlaybackOptions.CueNumber

Gets or sets the time edit cue number.

```
MACRO
ActionScript.SetProperty(Playbacks.PlaybackOptions.CueNumber, [value])
HTTP
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/CueNumber
HTTP
POST /titan/set/Playbacks/PlaybackOptions/CueNumber
```

Playbacks.PlaybackOptions.CurveName

Gets or sets the current playback option CurveName.

```
MACRO
ActionScript.SetProperty(Playbacks.PlaybackOptions.CurveName, [value])
HTTP
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/CurveName
HTTP
POST /titan/set/Playbacks/PlaybackOptions/CurveName
```

Playbacks.PlaybackOptions.EffectTracking

Gets or sets whether the playback will forward track or not.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.EffectTracking,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/EffectTracking
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/EffectTracking
```

Playbacks.PlaybackOptions.ForwardTracking

Gets or sets whether the playback will forward track or not.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.ForwardTracking,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/ForwardTracking
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/ForwardTracking
```

Playbacks.PlaybackOptions.GoOnFire

Gets or sets a value indicating whether cue list record step records live playbacks as autoloads.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.GoOnFire,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/GoOnFire
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/GoOnFire
```

Playbacks.PlaybackOptions.HandleLockState

Gets or sets the lock state of the current playback handle.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.HandleLockState,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/HandleLockState
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/HandleLockState
```

Playbacks.PlaybackOptions.HandleProfileName

Gets or sets the name of the handle profile.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.HandleProfileName,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/HandleProfileName
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/HandleProfileName
```

Playbacks.PlaybackOptions.MoveInDark

Gets or sets MoveInDark for the current playback.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.MoveInDark, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/MoveInDark
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/MoveInDark
```

Playbacks.PlaybackOptions.PlaybackHandle

Gets or sets the handle of the playback being edited in playback options.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.PlaybackHandle, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/PlaybackHandle
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/PlaybackHandle
```

Playbacks.PlaybackOptions.PlaybackName

Gets or sets the name of the Playback being edited in playback options.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.PlaybackName, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/PlaybackName
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/PlaybackName
```

Playbacks.PlaybackOptions.PlayOrder

Gets or sets the current playback option PlayOrder.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.PlayOrder, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/PlayOrder
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/PlayOrder
```

Playbacks.PlaybackOptions.Priority

Used in playback options to store the playback priority of the playback being edited.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.Priority, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/Priority
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/Priority
```


Playbacks.PlaybackOptions.ReleaseBetweenCues

Gets or sets a value indicating whether to release between cues.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.ReleaseBetweenCues,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/ReleaseBetweenCues
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/ReleaseBetweenCues
```

Playbacks.PlaybackOptions.ReleaseMaskText

Used in playback options to show the text of the release mask.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.ReleaseMaskText,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/ReleaseMaskText
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/ReleaseMaskText
```

Playbacks.PlaybackOptions.ReleaseModeLocal

Used in playback options to store the playback release mode of the playback being edited.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.ReleaseModeLocal,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/ReleaseModeLocal
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/ReleaseModeLocal
```

Playbacks.PlaybackOptions.ShapeLTP

Used in playback options to store the playback shape LTP behaviour of the playback being edited.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.ShapeLTP,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/ShapeLTP
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/ShapeLTP
```

Playbacks.PlaybackOptions.ShapeSizeControl

Gets or sets the shape size control.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.ShapeSizeControl,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/ShapeSizeControl
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/ShapeSizeControl
```

Playbacks.PlaybackOptions.ShapeSpeedControl

Gets or sets the shape speed control.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.ShapeSpeedControl,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/ShapeSpeedControl
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/ShapeSpeedControl
```

Playbacks.PlaybackOptions.SizeSource

Gets or sets the SizeSource of the playback being edited.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.SizeSource,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/SizeSource
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/SizeSource
```

Playbacks.PlaybackOptions.SpeedSource

Gets or sets the speed source of the playback being edited.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.SpeedSource,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/SpeedSource
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/SpeedSource
```

Playbacks.PlaybackOptions.StartupPlayback

Gets or sets whether the current playback being edited will be run on startup or not.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.StartupPlayback,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/StartupPlayback
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/StartupPlayback
```

Playbacks.PlaybackOptions.StopOnFinalStep

Gets or sets the current playback option StopOnFinalStep.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackOptions.StopOnFinalStep,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackOptions/StopOnFinalStep
```

HTTP

```
POST /titan/set/Playbacks/PlaybackOptions/StopOnFinalStep
```

Playbacks.PlaybackRecordType

Gets or sets the type of the playback to record.

MACRO

```
ActionScript.SetProperty(Playbacks.PlaybackRecordType,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/PlaybackRecordType
```

HTTP

```
POST /titan/set/Playbacks/PlaybackRecordType
```

Playbacks.RecordAutoloads

Gets or sets a value indicating whether cue list record step records live playbacks as autoloads.

MACRO

```
ActionScript.SetProperty(Playbacks.RecordAutoloads,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/RecordAutoloads
```

HTTP

```
POST /titan/set/Playbacks/RecordAutoloads
```

Playbacks.RecordMode

Whether to filter auto stack by the selected fixtures

MACRO

```
ActionScript.SetProperty(Playbacks.RecordMode,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/RecordMode
```

HTTP

```
POST /titan/set/Playbacks/RecordMode
```

Playbacks.ReleasePriority

Gets or sets the priority of the playbacks to be released.

MACRO

```
ActionScript.SetProperty(Playbacks.ReleasePriority,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/ReleasePriority
```

HTTP

```
POST /titan/set/Playbacks/ReleasePriority
```

Playbacks.ReleaseToHome

Gets or sets whether release goes back to the power on state.

MACRO

```
ActionScript.SetProperty(Playbacks.ReleaseToHome,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/ReleaseToHome
```

HTTP

```
POST /titan/set/Playbacks/ReleaseToHome
```

Playbacks.SwopAllShapes

The flag to determine whether to swop all the shapes or only the insenisty shapes.

MACRO

```
ActionScript.SetProperty(Playbacks.SwopAllShapes,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Playbacks/SwopAllShapes
```

```
HTTP
POST /titan/set/Playbacks/SwopAllShapes
```

Playbacks.TimesEdit.CueListViewColumns

Gets or sets the options for the columns of cueLists.

```
MACRO
ActionScript.SetProperty(Playbacks.TimesEdit.CueListViewColumns
,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/TimesEdit/CueListViewColumns
HTTP
POST /titan/set/Playbacks/TimesEdit/CueListViewColumns
```

Playbacks.TimesEdit.CueNumber

Gets or sets the time edit cue number.

```
MACRO
ActionScript.SetProperty(Playbacks.TimesEdit.CueNumber,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/TimesEdit/CueNumber
HTTP
POST /titan/set/Playbacks/TimesEdit/CueNumber
```

Playbacks.TimesEdit.CueNumber.Valid

Gets or sets a value indicating whether time edit cue number is a valid cue.

```
MACRO
ActionScript.SetProperty(Playbacks.TimesEdit.CueNumber.Valid,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/TimesEdit/CueNumber/Valid
HTTP
POST /titan/set/Playbacks/TimesEdit/CueNumber/Valid
```

Playbacks.TimesEdit.PlaybackName

Gets or sets the name of the selected playback.

```
MACRO
ActionScript.SetProperty(Playbacks.TimesEdit.PlaybackName,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/TimesEdit/PlaybackName
HTTP
POST /titan/set/Playbacks/TimesEdit/PlaybackName
```

Playbacks.TrackingMode

The default tracking mode to apply when recording cues.

```
MACRO
ActionScript.SetProperty(Playbacks.TrackingMode,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/TrackingMode
HTTP
POST /titan/set/Playbacks/TrackingMode
```

Playbacks.Update.UpdatesAvailable

Gets or set whether playback updates exist.

MACRO
ActionScript.SetProperty(Playbacks.Update.UpdatesAvailable,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/Update/UpdatesAvailable
HTTP
POST /titan/set/Playbacks/Update/UpdatesAvailable

Playbacks.UpdateMode

The default tracking mode to apply when recording cues.

MACRO
ActionScript.SetProperty(Playbacks.UpdateMode,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/UpdateMode
HTTP
POST /titan/set/Playbacks/UpdateMode

Playbacks.UpdateOnly

MACRO
ActionScript.SetProperty(Playbacks.UpdateOnly,[value])
HTTP
http://[ip]:4430/titan/get/Playbacks/UpdateOnly
HTTP
POST /titan/set/Playbacks/UpdateOnly

3.55 PlaybackView**3.55.1 PlaybackView Methods****PlaybackView.AddFilter**

Adds a new filter.

MACRO
Void AddFilter(System.String)
HTTP
http://[ip]:4430/titan/script/PlaybackView/AddFilter

Parameters

legend: The legend.

PlaybackView.ClearSourceFilter

Clear the source filter.

MACRO
Void ClearSourceFilter()
HTTP
http://[ip]:4430/titan/script/PlaybackView/ClearSourceFilter

PlaybackView.ColumnSelected

Select a menuItem that is a column..

MACRO
Void ColumnSelected(Avolites.Menus.MenuItem)
HTTP
http://[ip]:4430/titan/script/PlaybackView/ColumnSelected

Parameters

menuItem: The selected MenuItem.

PlaybackView.GetFilterColumnsVisibility

Gets the filter columns visibility in softkeys.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
GetFilterColumnsVisibility()
```

HTTP

```
http://[ip]:4430/titan/script/PlaybackView/GetFilterColumnsVisi
bility
```

PlaybackView.GetFilterFactoryType

Gets the filter's factory filter type.

MACRO

```
Avolites.Titan.Controllers.PlaybackViewFilterFactoryType
GetFilterFactoryType(Avolites.Titan.Controllers.Handles.Custom.
PlaybackViewFilterHandle)
```

HTTP

```
http://[ip]:4430/titan/script/PlaybackView/GetFilterFactoryType
```

Returns

The filters factory type.

PlaybackView.IsEmptyFilterHandle

Whether the given handle is considered to be empty.

MACRO

```
Boolean
IsEmptyFilterHandle(Avolites.Titan.Controllers.Handles.Custom.P
laybackViewFilterHandle)
```

HTTP

```
http://[ip]:4430/titan/script/PlaybackView/IsEmptyFilterHandle
```

Parameters

handle: The handle.

PlaybackView.IsSourceFilter

Checks if the given filter handle is the source filter.

MACRO

```
Boolean
IsSourceFilter(Avolites.Titan.Controllers.Handles.Custom.Playba
ckViewFilterHandle)
```

HTTP

```
http://[ip]:4430/titan/script/PlaybackView/IsSourceFilter
```

Parameters

handle: The handle.

PlaybackView.SelectColumnFilter

Called when a PlaybackViewFilterHandle is selected.

MACRO

```
Void
SelectColumnFilter(Avolites.Titan.Controllers.Handles.Custom.Pl
aybackViewFilterHandle)
```

HTTP

```
http://[ip]:4430/titan/script/PlaybackView/SelectColumnFilter
```

Parameters

handle: The handle.

PlaybackView.SetSourceFilter

Sets the source filter to the given handle.

```

MACRO
Void
SetSourceFilter(Avolites.Titan.Controllers.Handles.Custom.PlaybackViewFilterHandle)
HTTP
http://[ip]:4430/titan/script/PlaybackView/SetSourceFilter

```

Parameters

handle: The handle.

PlaybackView.UpdateFilter

Updates the columns on the SourceFilter to the current columns.

```

MACRO
Void UpdateFilter()
HTTP
http://[ip]:4430/titan/script/PlaybackView/UpdateFilter

```

3.55.2 PlaybackView Properties**PlaybackView.SelectedFilterColumnsText**

Gets or sets the selected filter columns text.

```

MACRO
ActionScript.SetProperty(PlaybackView.SelectedFilterColumnsText,[value])
HTTP
http://[ip]:4430/titan/get/PlaybackView/SelectedFilterColumnsText
HTTP
POST /titan/set/PlaybackView/SelectedFilterColumnsText

```

PlaybackView.SelectedFilterId

Gets or sets the selected filter.

```

MACRO
ActionScript.SetProperty(PlaybackView.SelectedFilterId,[value])
HTTP
http://[ip]:4430/titan/get/PlaybackView/SelectedFilterId
HTTP
POST /titan/set/PlaybackView/SelectedFilterId

```

PlaybackView.SourceFilter

```

MACRO
ActionScript.SetProperty(PlaybackView.SourceFilter,[value])
HTTP
http://[ip]:4430/titan/get/PlaybackView/SourceFilter
HTTP
POST /titan/set/PlaybackView/SourceFilter

```

3.56 Profiles**3.56.1 Profiles Methods****Profiles.AddProfile**

Adds a profile.

```

MACRO
Void AddProfile(System.String)

```

HTTP

[http://\[ip\]:4430/titan/script/Profiles/AddProfile](http://[ip]:4430/titan/script/Profiles/AddProfile)**Parameters****name:** The name of the profile.**Profiles.AssignHandleProfile**

Assigns a handle profile to a handle. Can also be used to unassign by passing an invalid profile Id

MACRO

Void

AssignHandleProfile(Avolites.Titan.Controllers.Handles.Handle, Int32)

HTTP

[http://\[ip\]:4430/titan/script/Profiles/AssignHandleProfile](http://[ip]:4430/titan/script/Profiles/AssignHandleProfile)**Parameters****handle:** The handle.**profileId:** The profile id.**Profiles.CheckNewProfileName**

Checks the proposed name of a new profile.

MACRO

Void CheckNewProfileName(System.String)

HTTP

[http://\[ip\]:4430/titan/script/Profiles/CheckNewProfileName](http://[ip]:4430/titan/script/Profiles/CheckNewProfileName)**Parameters****name:** The name.**Profiles.ClearEditProfileName**

Clears the new profile name.

MACRO

Void ClearEditProfileName()

HTTP

[http://\[ip\]:4430/titan/script/Profiles/ClearEditProfileName](http://[ip]:4430/titan/script/Profiles/ClearEditProfileName)**Profiles.CopyProfile**

Copies a profile.

MACRO

Int32 CopyProfile(Int32, System.String)

HTTP

[http://\[ip\]:4430/titan/script/Profiles/CopyProfile](http://[ip]:4430/titan/script/Profiles/CopyProfile)**Parameters****srcProfileId:** The source profile id.**newProfileName:** New name of the new profile.**Returns**

The id of the new profile

Profiles.DeleteProfile

Deletes a key profile.

MACRO

Void DeleteProfile(Int32)

HTTP

[http://\[ip\]:4430/titan/script/Profiles/DeleteProfile](http://[ip]:4430/titan/script/Profiles/DeleteProfile)**Parameters****profileId:** The profile id.

Profiles.DetermineAction.Chase

Determine the key action for a chase handle

MACRO

```
System.String
ChaseKeyAction(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Titan.Controllers.Handles.Handle, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Profiles/DetermineAction/Chase
```

Parameters

- handle**: The handle. Can be
- shadowedHandle**: The shadowed handle.
- keyType**: The key class.

Returns

A string which indicates the correct action

Profiles.DetermineAction.Cue

Determine the key action for a cue handle

MACRO

```
System.String
CueKeyAction(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Titan.Controllers.Handles.Handle, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Profiles/DetermineAction/Cue
```

Parameters

- handle**: The handle. Can be
- shadowedHandle**: The shadowed handle.
- keyType**: The key class.

Returns

A string which indicates the correct action

Profiles.DetermineAction.CueList

Determine the key action for a cue list handle

MACRO

```
System.String
CueListKeyAction(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Titan.Controllers.Handles.Handle, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Profiles/DetermineAction/CueList
```

Parameters

- handle**: The handle. Can be
- shadowedHandle**: The shadowed handle.
- keyType**: The key class.

Returns

A string which indicates the correct action

Profiles.DetermineAction.Empty

Determine the key action for an empty handle

MACRO

```
System.String
EmptyKeyAction(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Titan.Controllers.Handles.Handle, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Profiles/DetermineAction/Empty
```

Parameters

handle: The handle.
shadowedHandle: The shadowed handle.
keyType: The key class.

Returns

A string which indicates the correct action

Profiles.DetermineAction.Fixture

Determine the key action for a fixture handle

```
MACRO
System.String
FixtureKeyAction(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Titan.Controllers.Handles.Handle, System.String)
HTTP
http://[ip]:4430/titan/script/Profiles/DetermineAction/Fixture
```

Parameters

handle: The handle. Can be
shadowedHandle: The shadowed handle.
keyType: The key class.

Returns

A string which indicates the correct action

Profiles.DetermineAction.Group

Determine the key action for a group handle

```
MACRO
System.String
GroupKeyAction(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Titan.Controllers.Handles.Handle, System.String)
HTTP
http://[ip]:4430/titan/script/Profiles/DetermineAction/Group
```

Parameters

handle: The handle. Can be
shadowedHandle: The shadowed handle.
keyType: The key class.

Returns

A string which indicates the correct action

Profiles.DetermineAction.Macro

Determine the key action for a macro handle

```
MACRO
System.String
MacroKeyAction(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Titan.Controllers.Handles.Handle, System.String)
HTTP
http://[ip]:4430/titan/script/Profiles/DetermineAction/Macro
```

Parameters

handle: The handle. Can be
shadowedHandle: The shadowed handle.
keyType: The key class.

Returns

A string which indicates the correct action

Profiles.DetermineAction.Master

Determine the key action for a master handle

MACRO

```
System.String
MasterKeyAction(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Titan.Controllers.Handles.Handle, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Profiles/DetermineAction/Master
```

Parameters

handle: The handle. Can be
shadowedHandle: The shadowed handle.
keyType: The key class.

Returns

A string which indicates the correct action

Profiles.DetermineAction.Palette

Determine the key action for a palette handle

MACRO

```
System.String
PaletteKeyAction(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Titan.Controllers.Handles.Handle, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Profiles/DetermineAction/Palette
```

Parameters

handle: The handle. Can be
shadowedHandle: The shadowed handle.
keyType: The key class.

Returns

A string which indicates the correct action

Profiles.DetermineAction.Palette.Timed

Determine the if the palette handle should be fired with times

MACRO

```
Boolean
DetermineFirePalettesWithTime(Avolites.Titan.Controllers.Handles.Handle)
s.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Profiles/DetermineAction/Palette/
Timed
```

Parameters

handle: The handle.

Profiles.DetermineAction.Workspace

Determine the key action for a workspace handle

MACRO

```
System.String
WorkspaceKeyAction(Avolites.Titan.Controllers.Handles.Handle,
Avolites.Titan.Controllers.Handles.Handle, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Profiles/DetermineAction/Workspac
e
```

Parameters

handle: The handle.
shadowedHandle: The shadowed handle.
keyType: The key class.

Returns

A string which indicates the correct action

Profiles.GetHandleProfileId

Gets the profile of a handle.

```
MACRO
Int32
GetHandleProfileId(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Profiles/GetHandleProfileId
```

Parameters

handle: The handle.

Returns

The id of the profile

Profiles.GetProfileLegend

Gets legend of a profile.

```
MACRO
System.String GetProfileLegend(Int32)
HTTP
http://[ip]:4430/titan/script/Profiles/GetProfileLegend
```

Parameters

id: The identifier.

Returns

The name of the profile or the empty string if it doesn't exist

Profiles.IsProfileEditable

Determines whether a profile is editable, ie not a factory profile

```
MACRO
Boolean IsProfileEditable(Int32)
HTTP
http://[ip]:4430/titan/script/Profiles/IsProfileEditable
```

Parameters

profileId: The profile id.

Profiles.NonFactoryProfileList

Get a list of menu items, one item for each profile, excluding factory profiles

```
MACRO
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
NonFactoryProfileList()
HTTP
http://[ip]:4430/titan/script/Profiles/NonFactoryProfileList
```

Returns

List of menu items

Profiles.NonSystemProfileList

Get a list of menu items, one item for each profile, excluding the system profile

```
MACRO
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
NonSystemProfileList()
HTTP
http://[ip]:4430/titan/script/Profiles/NonSystemProfileList
```

Returns

List of menu items

Profiles.NonSystemProfileListWithHandleInfo

Gets a list of menu items, one for each non-system profile containing the name of the profile and a summary of the actions it holds for a handle of the type supplied

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
NonSystemProfileListWithHandleInfo(Avolites.Titan.Controllers.H
andles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Profiles/NonSystemProfileListWith
HandleInfo
```

Parameters

handleType: Type of the handle.

Returns

A list of menu items

Profiles.ProfileList

Get a list of menu items, one item for each profile, includes all profiles

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
ProfileList()
```

HTTP

```
http://[ip]:4430/titan/script/Profiles/ProfileList
```

Returns

List of menu items

Profiles.ProfileListFullInfo

Gets a list of menu items, one for each non-system profile containing the name of the profile and a summary of the actions it holds for a handle of the type supplied. Used for the playback settings.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
ProfileListFullInfo(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Profiles/ProfileListFullInfo
```

Parameters

handleType: Type of the handle.

Returns

A list of menu items

Profiles.ProgramProfileList

Get a list of menu items, one item for each profile available in program mode

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
ProgramProfileList()
```

HTTP

```
http://[ip]:4430/titan/script/Profiles/ProgramProfileList
```

Profiles.RenameProfile

Rename a profile.

MACRO

Void RenameProfile(Int32, System.String)

HTTP

http://[ip]:4430/titan/script/Profiles/RenameProfile

Parameters**profileId**: The profile id.**newName**: The new name.**Profiles.RunProfileList**

Get a list of menu items, one item for each profile available in run mode

MACRO

System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
RunProfileList()

HTTP

http://[ip]:4430/titan/script/Profiles/RunProfileList

Profiles.SelectProfile

Sets the selected profile to the one specified

MACRO

Void SelectProfile(Int32)

HTTP

http://[ip]:4430/titan/script/Profiles/SelectProfile

Parameters**id**: The identifier.**Profiles.SelectProgramModeProfile**

Sets the program mode profile to the one specified

MACRO

Void SelectProgramProfile(Int32)

HTTP

http://[ip]:4430/titan/script/Profiles/SelectProgramModeProfile

Parameters**id**: The id.**Profiles.SelectRunModeProfile**

Sets the run mode profile to the one specified

MACRO

Void SelectRunProfile(Int32)

HTTP

http://[ip]:4430/titan/script/Profiles/SelectRunModeProfile

Parameters**id**: The id.**Profiles.SetPropertiesForSelectedProfile**

Sets the properties for selected profile.

MACRO

Void SetPropertiesForSelectedProfile()

HTTP

http://[ip]:4430/titan/script/Profiles/SetPropertiesForSelectedProfile

Profiles.SuggestNewProfileName

Suggests a name for a new profile. Is of the form 'User n'

```

MACRO
Void SuggestNewProfileName(System.String)
HTTP
http://[ip]:4430/titan/script/Profiles/SuggestNewProfileName

```

Parameters

propertyId: The property to set to the new name.

Profiles.UpdateSelectedProfileFromProperties

Updates the selected profile from properties.

```

MACRO
Void UpdateSelectedProfileFromProperties()
HTTP
http://[ip]:4430/titan/script/Profiles/UpdateSelectedProfileFromProperties

```

3.56.2 Profiles Properties**Profiles.CurrentProfileId**

```

MACRO
ActionScript.SetProperty(Profiles.CurrentProfileId,[value])
HTTP
http://[ip]:4430/titan/get/Profiles/CurrentProfileId
HTTP
POST /titan/set/Profiles/CurrentProfileId

```

Profiles.CurrentProfileLegend

```

MACRO
ActionScript.SetProperty(Profiles.CurrentProfileLegend,[value])
HTTP
http://[ip]:4430/titan/get/Profiles/CurrentProfileLegend
HTTP
POST /titan/set/Profiles/CurrentProfileLegend

```

Profiles.EditProfileName

Gets or sets the pending new profile name.

```

MACRO
ActionScript.SetProperty(Profiles.EditProfileName,[value])
HTTP
http://[ip]:4430/titan/get/Profiles/EditProfileName
HTTP
POST /titan/set/Profiles/EditProfileName

```

Profiles.Group.KeyMode

Gets or sets the group key mode.

```

MACRO
ActionScript.SetProperty(Profiles.Group.KeyMode,[value])
HTTP
http://[ip]:4430/titan/get/Profiles/Group/KeyMode
HTTP
POST /titan/set/Profiles/Group/KeyMode

```

Profiles.Group.Prefer

Gets or sets a value indicating whether [prefer groups].

```

MACRO
ActionScript.SetProperty(Profiles.Group.Prefer,[value])

```

```

HTTP
http://[ip]:4430/titan/get/Profiles/Group/Prefer
HTTP
POST /titan/set/Profiles/Group/Prefer

```

Profiles.Macro.KeyMode

Gets or sets the macro key mode.

```

MACRO
ActionScript.SetProperty(Profiles.Macro.KeyMode,[value])
HTTP
http://[ip]:4430/titan/get/Profiles/Macro/KeyMode
HTTP
POST /titan/set/Profiles/Macro/KeyMode

```

Profiles.Macro.Prefer

Gets or sets a value indicating whether [prefer macros].

```

MACRO
ActionScript.SetProperty(Profiles.Macro.Prefer,[value])
HTTP
http://[ip]:4430/titan/get/Profiles/Macro/Prefer
HTTP
POST /titan/set/Profiles/Macro/Prefer

```

Profiles.Palette.KeyMode

Gets or sets the palette key mode.

```

MACRO
ActionScript.SetProperty(Profiles.Palette.KeyMode,[value])
HTTP
http://[ip]:4430/titan/get/Profiles/Palette/KeyMode
HTTP
POST /titan/set/Profiles/Palette/KeyMode

```

Profiles.Palette.Prefer

Gets or sets a value indicating whether [prefer palettes].

```

MACRO
ActionScript.SetProperty(Profiles.Palette.Prefer,[value])
HTTP
http://[ip]:4430/titan/get/Profiles/Palette/Prefer
HTTP
POST /titan/set/Profiles/Palette/Prefer

```

Profiles.Palette.UsePaletteTimes

Gets or sets a value indicating whether [use palette times].

```

MACRO
ActionScript.SetProperty(Profiles.Palette.UsePaletteTimes,[value])
HTTP
http://[ip]:4430/titan/get/Profiles/Palette/UsePaletteTimes
HTTP
POST /titan/set/Profiles/Palette/UsePaletteTimes

```

Profiles.PreviousRunProfileId

Gets or sets the selected profile id.

```

MACRO
ActionScript.SetProperty(Profiles.PreviousRunProfileId,[value])

```


HTTP
http://[ip]:4430/titan/get/Profiles/PreviousRunProfileId
HTTP
POST /titan/set/Profiles/PreviousRunProfileId

Profiles.PreviousRunProfileLegend

MACRO
ActionScript.SetProperty(Profiles.PreviousRunProfileLegend,[value])
HTTP
http://[ip]:4430/titan/get/Profiles/PreviousRunProfileLegend
HTTP
POST /titan/set/Profiles/PreviousRunProfileLegend

Profiles.ProgramModeProfileId

Gets or sets the program mode profile id. This is the current profile selected for program mode.

MACRO
ActionScript.SetProperty(Profiles.ProgramModeProfileId,[value])
HTTP
http://[ip]:4430/titan/get/Profiles/ProgramModeProfileId
HTTP
POST /titan/set/Profiles/ProgramModeProfileId

Profiles.QuickRecord

Gets or sets a value indicating whether [quick record].

MACRO
ActionScript.SetProperty(Profiles.QuickRecord,[value])
HTTP
http://[ip]:4430/titan/get/Profiles/QuickRecord
HTTP
POST /titan/set/Profiles/QuickRecord

Profiles.RunModeProfileId

Gets or sets the run mode profile id. This is the current profile selected for run mode.

MACRO
ActionScript.SetProperty(Profiles.RunModeProfileId,[value])
HTTP
http://[ip]:4430/titan/get/Profiles/RunModeProfileId
HTTP
POST /titan/set/Profiles/RunModeProfileId

Profiles.SelectedHandle

Gets or sets the selected handle.

MACRO
ActionScript.SetProperty(Profiles.SelectedHandle,[value])
HTTP
http://[ip]:4430/titan/get/Profiles/SelectedHandle
HTTP
POST /titan/set/Profiles/SelectedHandle

Profiles.SelectedProfileId

MACRO
ActionScript.SetProperty(Profiles.SelectedProfileId,[value])

```

HTTP
http://[ip]:4430/titan/get/Profiles/SelectedProfileId
HTTP
POST /titan/set/Profiles/SelectedProfileId

```

Profiles.SelectedProfileLegend

```

MACRO
ActionScript.SetProperty(Profiles.SelectedProfileLegend,[value]
)
HTTP
http://[ip]:4430/titan/get/Profiles/SelectedProfileLegend
HTTP
POST /titan/set/Profiles/SelectedProfileLegend

```

3.57 Programmer

3.57.1 Programmer Methods

Programmer.Editor.Clear

Clears the editor and removes all values from the programmer. Also clears any fixture selections.

```

MACRO
Void Clear(Avolites.Acw.Titan.AcwRecordMask, Boolean, Boolean,
Single)
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Clear

```

Parameters

- mask:** A mask of which attribute groups to clear.
- presets:** if set to
- clearAllProgrammers:** if set to
- fadeTime:** The time to use when clearing HTP channels.

Programmer.Editor.ClearAll

Clears the programmer of all fixtures and attributes

```

MACRO
Void Clear()
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/ClearAll

```

Programmer.Editor.ClearControl

Handles a request to clear a single control from the clear attributes menu

```

MACRO
Void ClearControl(Avolites.Menus.MenuItem, Boolean)
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/ClearControl

```

Parameters

- menuItem:** The menu item.
- selected:** if set to

Programmer.Editor.ClearFixtures

```

MACRO
Void
ClearFixtures(System.Collections.Generic.IEnumerable`1[Avolites
.Titan.Controllers.Handles.Handle], Single)

```

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Editor/ClearFixtures](http://[ip]:4430/titan/script/Programmer/Editor/ClearFixtures)

Programmer.Editor.ClearFixturesInGroup

MACRO

Void

ClearFixturesInGroup(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle], Single)

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Editor/ClearFixturesInGroup](http://[ip]:4430/titan/script/Programmer/Editor/ClearFixturesInGroup)

Programmer.Editor.ClearSelectedFixtures

Clears the editor and removes all values from the programmer for the selected fixtures. Also clears any fixture selections.

MACRO

Void ClearSelectedFixtures(Avolites.Acw.Titan.AcwRecordMask, Boolean, Single)

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Editor/ClearSelectedFixtures](http://[ip]:4430/titan/script/Programmer/Editor/ClearSelectedFixtures)

Parameters

mask: A mask of which attribute groups to clear.

presets: if set to

fadeTime: The time to use when clearing HTP channels.

Programmer.Editor.Fixtures.Align

Aligns the programmer selection of fixtures to the align selection fixtures following the parameters above.

MACRO

Void Align()

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Editor/Fixtures/Align](http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Align)

Programmer.Editor.Fixtures.AssignWheelAttributes

MACRO

Void

AssignWheelAttributes(System.Collections.Generic.List`1[Avolites.Titan.Controllers.IFixtureAttribute])

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Editor/Fixtures/AssignWheelAttributes](http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/AssignWheelAttributes)

Programmer.Editor.Fixtures.AttributeMenuList

Returns a list of attributes for the context fixture and filters the attributes by the mask.

MACRO

System.Collections.Generic.List`1[Avolites.Menus.MenuItem] AttributeMenuList()

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Editor/Fixtures/AttributeMenuList](http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/AttributeMenuList)

Returns

A list of attributes in the context fixture.

Programmer.Editor.Fixtures.AttributePairsMenuList

Returns a list of attributes available on the context fixture. Each menu item contains two attributes which can be selected. This is called by the menu to display a list of attributes for the user to select. The selection of the menu item is handled by `MenuAttribute_Selected()` which is linked to the menu items select event.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
AttributePairsMenuList(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/AttributePairsMenuList
```

Returns

A list of menu items to present to the user.

Programmer.Editor.Fixtures.CheckMoreAttributes

Method to update the `MoreAttributesExist` value by comparing the number of attributes in the group with the number that can be shown.

MACRO

```
Void CheckMoreAttributes(Int32, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/CheckMoreAttributes
```

Parameters

- attributes:** The number of attributes in the selected group.
- attributesCanBeShown:** The attributes that can be shown.

Programmer.Editor.Fixtures.ClearFlash

Clears any selected fixtures that are flashed.

MACRO

```
Void ClearFlash()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/ClearFlash
```

Programmer.Editor.Fixtures.ClearSelectedControls

Clears the selected controls from the programmer.

MACRO

```
Void ClearSelectedControls(Boolean,
Avolites.Acw.Titan.AcwTimeSpan)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/ClearSelectedControls
```

Parameters

- release:** if set to
- releaseTime:** The release time.

Programmer.Editor.Fixtures.ContextAttribute.GetFunctionOptions

Returns a list of menu items for setting the current attribute.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
ContextAttributeGetFunctionOptions(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/ContextAttribute/GetFunctionOptions
```

Parameters

filterText: A filter string for the returned items.

Returns

List of menu items.

Programmer.Editor.Fixtures.CurrentOnOffAttributes

Returns a menu item list of all the selected attributes that can be turned off.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
CurrentOnOffAttributes(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/CurrentOnOffAttributes
```

Returns

The list of attributes.

Programmer.Editor.Fixtures.CycleSelectAttributeGroup

Cycles through the attribute banks from a Attribute Group button press.

MACRO

```
Void CycleSelectAttributeGroup(Int32, System.String,
System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/CycleSelectAttributeGroup
```

Parameters

group: The group button (either virtual (IPGBES display) or hardware (Sapphire)).

wheelPageStride: ID of the property containing the number of wheels available

wheelAllocation: The ID of the property containing the wheel allocation (wheel number where second attribute ought to be placed when there are more wheels than attributes)

Programmer.Editor.Fixtures.Fan.GetCurveDefinitions

Gets a list of objects for each available fan curve.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
GetCurveDefinitions()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Fan/GetCurveDefinitions
```

Returns

A menu item for each available curve. The ID of the menu item matches the ID of the curve.

Programmer.Editor.Fixtures.Fan.SelectCurve

select curve definition for fan

MACRO

```
Void SelectCurve(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Fan/SelectCurve
```

Parameters**curvelid:****Programmer.Editor.Fixtures.Fan.ToggleFan**

prepares fixture selection for various group options (fanWithinGroup fanGroupAsFixture)

MACRO

```
Void ToggleFan()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Fan/ToggleFan
```

Programmer.Editor.Fixtures.FlashOn

Flashes the selected fixtures to full.

MACRO

```
Void FlashOn()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/FlashOn
```

Programmer.Editor.Fixtures.FlashOut

Flashes the selected fixtures to zero.

MACRO

```
Void FlashOut()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/FlashOut
```

Programmer.Editor.Fixtures.FlipPanTilt

Flips the pan and tilt of the selected fixtures to their equivalent opposites.

MACRO

```
Void FlipPanTilt()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/FlipPanTilt
```

Programmer.Editor.Fixtures.FreezeFixtureControl

MACRO

```
Void FreezeFixtureControl(System.Collections.Generic.List`1[System.Int32], Int32, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/FreezeFixtureControl
```

Programmer.Editor.Fixtures.GuessLocateShared

Guesses the whether the proposed locate changes in the programmer should be stored as shared or normal.

MACRO

```
Void GuessLocateShared(System.String)
```

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/GuessLocateShared

Parameters

isSharedPropertyId: The is shared property id.

Programmer.Editor.Fixtures.HideHighlightOrientation

Sets so that orientation is hidden.

MACRO

Void HideHighlightOrientation()

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/HideHighlightOrientation

Programmer.Editor.Fixtures.IncrementAttribute

Increments the dimmer attribute on all the selected fixtures.

MACRO

Void IncrementAttribute(Int32, Single, Double, Boolean)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/IncrementAttribute

Parameters

controlId: The control identifier.

value: The value to increment the dimmer by.

timeDelta: The time difference from the last time the dimmer was incremented by the calling object.

shiftEnabled: Whether to accelerate the increment.

Programmer.Editor.Fixtures.IncrementAttributeDelayTime

MACRO

Void IncrementAttributeDelayTime(Int32, Single)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/IncrementAttributeDelayTime

Programmer.Editor.Fixtures.IncrementAttributeFadeTime

Called by the menu to increment the time value on a wheel by a set amount.

MACRO

Void IncrementAttributeFadeTime(Int32, Single)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/IncrementAttributeFadeTime

Parameters

wheelIndex: The index of the wheel containing a time to increment.

value: The amount you want to increment the function range value by.

Programmer.Editor.Fixtures.IncrementAttributeFunction

Called by the menu to increment the function value on a wheel by a set amount.

MACRO

Void IncrementAttributeFunction(Int32, Single, Double)

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/IncrementAttributeFunction
```

Parameters

wheelIndex: The index of the wheel containing a function to increment.

value: The amount you want to increment the function range value by.

timeDelta: The time delta between calls - this is used to calculate acceleration.

Programmer.Editor.Fixtures.IncrementAttributeFunctionFast

Increments the attribute function fast. Introduces a multiplier into the increment value to get through the full range in exactly one turn. Used for shift-wheel.

MACRO

```
Void IncrementAttributeFunctionFast(Int32, Single, Double)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/IncrementAttributeFunctionFast
```

Parameters

wheelIndex: The index of the wheel containing a function to increment.

value: The amount you want to increment the function range value by.

timeDelta: The time delta between calls - this is used to calculate acceleration.

Programmer.Editor.Fixtures.IncrementDimmer

Increments the dimmer attribute on all the selected fixtures.

MACRO

```
Void IncrementDimmer(Single, Double, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/IncrementDimmer
```

Parameters

value: The value to increment the dimmer by.

timeDelta: The time difference from the last time the dimmer was incremented by the calling object.

shiftEnabled: Whether to accelerate the increment.

Programmer.Editor.Fixtures.IncrementPan

Increments the pan attribute on all the selected fixtures.

MACRO

```
Void IncrementPan(Single, Double, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/IncrementPan
```

Parameters

value: The value to increment the dimmer by.

timeDelta: The time difference from the last time the dimmer was incremented by the calling object.

shiftEnabled: Whether to accelerate the increment.

Programmer.Editor.Fixtures.IncrementTilt

Increments the tilt attribute on all the selected fixtures.

MACRO

```
Void IncrementTilt(Single, Double, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/IncrementTilt
```

Parameters

value: The value to increment the dimmer by.

timeDelta: The time difference from the last time the dimmer was incremented by the calling object.

shiftEnabled: Whether to accelerate the increment.

Programmer.Editor.Fixtures.InProgrammerControls

Builds a menu of all the controls in the programmer

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]  
InProgrammerControls()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/InProgrammerControls
```

Returns

A list of menu items

Programmer.Editor.Fixtures.InvertFixtureControl

MACRO

```
Void  
InvertFixtureControl(System.Collections.Generic.List`1[System.Int32], Int32, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/InvertFixtureControl
```

Programmer.Editor.Fixtures.LatchLevel

If the intensity of a fixture is zero then it is turned on full, otherwise the fixture is turned off. The level is placed in the programmer.

MACRO

```
Void LatchLevel(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/LatchLevel
```

Parameters

handle: The handle of the fixture to latch the intensity on.

Programmer.Editor.Fixtures.LocateBlack

Locates the selected fixtures in black.

MACRO

```
Void LocateBlack()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/LocateBlack
```

Programmer.Editor.Fixtures.LocateSelectedControls

Locates the selected fixture controls.

```

MACRO
Void LocateSelectedControls()
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Locate
SelectedControls

```

Programmer.Editor.Fixtures.LocateSelectedFixtures

Sets all attributes in the selected fixtures to their locate values. For a moving head this is normally straight down and open white.

```

MACRO
Void LocateSelectedFixtures(Boolean)
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Locate
SelectedFixtures

```

Parameters

allAttributes: if set to

Programmer.Editor.Fixtures.LocateSelectedFixturesControls

```

MACRO
Void
LocateSelectedFixturesControls(System.Collections.Generic.IEnum
erable`1[System.Int32])
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Locate
SelectedFixturesControls

```

Programmer.Editor.Fixtures.LocateSelectedFixturesDimmer

Locates the selected fixtures dimmer.

```

MACRO
Void LocateSelectedFixturesDimmer()
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Locate
SelectedFixturesDimmer

```

Programmer.Editor.Fixtures.LocateShapeFixturesDimmer

Locates the dimmer of the fixtures in the specified shape.

```

MACRO
Void LocateShapeFixturesDimmer(Int32)
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Locate
ShapeFixturesDimmer

```

Parameters

shapeId: The shape identifier.

Programmer.Editor.Fixtures.NegateAttribute

Negates the attribute.

```

MACRO
Void NegateAttribute(System.String)
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Negate
Attribute

```

Parameters

attributeId: The attribute identifier.

Programmer.Editor.Fixtures.NextAttributeFunction

Steps to the next function in a fixture attribute. So if you have function red, green and blue it will step through these. It will move to the next function in the list. If no more functions exist it will perform no function.

MACRO

Void NextAttributeFunction(Int32)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/NextAttributeFunction

Parameters

wheelIndex: The index of the wheel linked to the attribute you want to control.

Programmer.Editor.Fixtures.NextAttributeFunctionFast

Steps to the next function in a fixture attribute. So if you have function red, green and blue it will step through these. It will move to the next function in the list. If no more functions exist it will perform no function.

MACRO

Void NextAttributeFunctionFast(Int32)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/NextAttributeFunctionFast

Parameters

wheelIndex: The index of the wheel linked to the attribute you want to control.

Programmer.Editor.Fixtures.OffAttributeSelected

Called when an attribute is selected to be turned off in the menu.

MACRO

Void OffAttributeSelected(Avolites.Menus.MenuItem)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/OffAttributeSelected

Parameters

sender: The sender.

Programmer.Editor.Fixtures.OnOffFixtureControls

Switches ON or OFF all controls in the selected fixtures which are part of the OnOff mask.

MACRO

Void OnOffFixtureControls(Boolean)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/OnOffFixtureControls

Parameters

on: if set to

Programmer.Editor.Fixtures.OnOffSelectedFixtures

Turns ON or OFF in the programmer all the selected fixtures.

MACRO

Void OnOffSelectedFixtures(Boolean)

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Editor/Fixtures/OnOffSelectedFixtures](http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/OnOffSelectedFixtures)

Parameters

on: if set to

Programmer.Editor.Fixtures.Patch.CurveAttributeMenuList

Returns a list of attributes for the context fixture and filters the attributes by the mask.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
CurveAttributeMenuList()
```

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Editor/Fixtures/Patch/CurveAttributeMenuList](http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/CurveAttributeMenuList)

Returns

A list of attributes in the context fixture.

Programmer.Editor.Fixtures.Patch.CurveList

Gets a list of curves that could be applied to an attribute. The list can be displayed in a menu.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
CurveList()
```

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Editor/Fixtures/Patch/CurveList](http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/CurveList)

Returns

List of menu items with curve information.

Programmer.Editor.Fixtures.Patch.FreezeFixtures

MACRO

```
Void
FreezeFixtures(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle], Boolean)
```

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Editor/Fixtures/Patch/FreezeFixtures](http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/FreezeFixtures)

Programmer.Editor.Fixtures.Patch.FreezeMenuList

Returns a list of attributes for the context fixture and filters the attributes by the mask.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
FreezeMenuList()
```

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Editor/Fixtures/Patch/FreezeMenuList](http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/FreezeMenuList)

Returns

A list of attributes in the context fixture.

Programmer.Editor.Fixtures.Patch.HasFixtureControlOffset

Determines whether a fixture control has Offset.

```

MACRO
Boolean
HasFixtureControlOffset(Avolites.Titan.Controllers.Handles.Custom.FixtureHandle, System.String, System.String)
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/HasFixtureControlOffset

```

Parameters

- handle:** The handle.
- controlName:** Name of the control.
- propertyId:** The property id to place the offset value in.

Programmer.Editor.Fixtures.Patch.IncrementOffsetValue

Increments or decreases the Offset

```

MACRO
Void IncrementOffsetValue(Single)
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/IncrementOffsetValue

```

Parameters

- value:** The value.

Programmer.Editor.Fixtures.Patch.InvertFixtureControls

```

MACRO
Void
InvertFixtureControls(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle], System.String, Boolean)
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/InvertFixtureControls

```

Programmer.Editor.Fixtures.Patch.InvertMenuList

Returns a list of attributes for the context fixture and filters the attributes by the mask.

```

MACRO
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
InvertMenuList()
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/InvertMenuList

```

Returns

- A list of attributes in the context fixture.

Programmer.Editor.Fixtures.Patch.IsFixtureControlInverted

Determines whether a fixture is frozen.

```

MACRO
Boolean
IsFixtureControlInverted(Avolites.Titan.Controllers.Handles.Custom.FixtureHandle, System.String, System.String)
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/IsFixtureControlInverted

```

Parameters

- handle:** The handle.

controlName: Name of the control.

propertyId: The property id.

Programmer.Editor.Fixtures.Patch.IsFixtureFrozen

Determines whether a fixture is frozen.

MACRO

Boolean

```
IsFixtureFrozen(Avolites.Titan.Controllers.Handles.Custom.FixtureHandle, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/IsFixtureFrozen
```

Parameters

handle: The handle.

propertyId: The property id to place the freeze value in.

Programmer.Editor.Fixtures.Patch.IsFixturePanTiltSwapped

Determines whether pan and tilt of a fixture is swapped.

MACRO

Boolean

```
IsFixturePanTiltSwapped(Avolites.Titan.Controllers.Handles.Custom.FixtureHandle, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/IsFixturePanTiltSwapped
```

Parameters

handle: The handle.

propertyId: The property id to place the swapped value in.

Programmer.Editor.Fixtures.Patch.LimitAttributeMenuList

Returns a list of attributes for the context fixture and filters the attributes by the mask.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
LimitAttributeMenuList()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/LimitAttributeMenuList
```

Returns

A list of attributes in the context fixture.

Programmer.Editor.Fixtures.Patch.OffsetAttributeMenuList

Returns a list of attributes for the context fixture and filters the attributes by the mask.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
OffsetAttributeMenuList()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/OffsetAttributeMenuList
```

Returns

A list of attributes in the context fixture.

Programmer.Editor.Fixtures.Patch.OffsetFixtureControls

MACRO

```
Void
OffsetFixtureControls(System.Collections.Generic.IEnumerable`1[
Avolites.Titan.Controllers.Handles.Handle], System.String,
Single)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/
OffsetFixtureControls
```

Programmer.Editor.Fixtures.Patch.RemoveLimit

Removes the limit

MACRO

```
Void RemoveLimit()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/
RemoveLimit
```

Programmer.Editor.Fixtures.Patch.ResetFixtures

Reset the fixtures to the default values.

MACRO

```
Void ResetFixtures()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/
ResetFixtures
```

Programmer.Editor.Fixtures.Patch.SetAttributeForEditFrom Id

Sets the properties to be ready to edited if we enter straight into the menus

MACRO

```
Void SetAttributeForEditFromId(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/
SetAttributeForEditFromId
```

Parameters**controlId**: The control id.**Programmer.Editor.Fixtures.Patch.SetContextControl Information**

Selects an attribute for editing from a MenuItem with the Tag

MACRO

```
Void SetContextControlInformation(Avolites.Menus.MenuItem)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/
SetContextControlInformation
```

Parameters**item**: The attribute to be edited**Programmer.Editor.Fixtures.Patch.SetContextControlOffset Information**

Sets the value of the Offset from the context control Information

MACRO

```
Void SetContextControlOffsetInformation()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/
SetContextControlOffsetInformation
```

Programmer.Editor.Fixtures.Patch.SetCurve

MACRO

```
Void SetCurve(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/
SetCurve
```

Programmer.Editor.Fixtures.Patch.SetLimitToCurrent

Sets the chosen limit to the current value

MACRO

```
Void SetLimitToCurrent()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/
SetLimitToCurrent
```

Programmer.Editor.Fixtures.Patch.SetUpperLimit

Sets whether we are setting the upper or lower limit

MACRO

```
Void SetUpperLimit(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/
SetUpperLimit
```

Parameters

setUpper:

Programmer.Editor.Fixtures.Patch.SwapPanTilt

Swaps the pan and tilt for the selected fixtures.

MACRO

```
Void SwapPanTilt(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/
SwapPanTilt
```

Parameters

swapped: Whether or not pan and tilt is swapped.

Programmer.Editor.Fixtures.Patch.SwapPanTiltFixtures

MACRO

```
Void
SwapPanTiltFixtures(System.Collections.Generic.IEnumerable`1[Av
olites.Titan.Controllers.Handles.Handle], Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/
SwapPanTiltFixtures
```

Programmer.Editor.Fixtures.Patch.ToggleAttributeFreeze

Activates a freeze menu item

MACRO

```
Void ToggleAttributeFreeze(Avolites.Menus.MenuItem)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/
ToggleAttributeFreeze
```


Parameters

item: The item.

Programmer.Editor.Fixtures.Patch.ToggleAttributeInvert

Toggles whether a fixture attribute is inverted or not.

MACRO

```
Void ToggleAttributeInvert(Avolites.Menus.MenuItem)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/ToggleAttributeInvert
```

Parameters

item: The attribute to be inverted

Programmer.Editor.Fixtures.Patch.ToggleContextAttributeFreeze

Freezes or un Freezes the context attribute

MACRO

```
Void ToggleContextAttributeFreeze()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/ToggleContextAttributeFreeze
```

Programmer.Editor.Fixtures.Patch.ToggleContextAttributeInvert

Invert or remove invert from the context attribute

MACRO

```
Void ToggleContextAttributeInvert()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/ToggleContextAttributeInvert
```

Programmer.Editor.Fixtures.Patch.UpdateSwapPanTilt

Refreshes the swap pan and tilt value for the current selection.

MACRO

```
Void UpdateSwapPanTilt()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Patch/UpdateSwapPanTilt
```

Programmer.Editor.Fixtures.PresetLevel

Set the level of a preset if it matches the current level. Titan looks after the matching, if it's matched the fixture is put in the programmer

MACRO

```
Void PresetLevel(System.String, Int32, Single, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/PresetLevel
```

Parameters

group:

index:

value:

oldValue:

Programmer.Editor.Fixtures.PreviousAttributeFunction

Steps to the next function in a fixture attribute. So if you have function red, green and blue it will step through these. It will move to the previous function in the list. If no more functions exist it will perform no function.

MACRO

Void PreviousAttributeFunction(Int32)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/PreviousAttributeFunction

Parameters

wheelIndex: The index of the wheel linked to the attribute you want to control.

Programmer.Editor.Fixtures.PreviousAttributeFunctionFast

Steps to the next function in a fixture attribute. So if you have function red, green and blue it will step through these. It will move to the previous function in the list. If no more functions exist it will perform no function.

MACRO

Void PreviousAttributeFunctionFast(Int32)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/PreviousAttributeFunctionFast

Parameters

wheelIndex: The index of the wheel linked to the attribute you want to control.

Programmer.Editor.Fixtures.RecordLocateState

Records the locate state.

MACRO

Void RecordLocateState(Boolean)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/RecordLocateState

Parameters

shared: if set to

Programmer.Editor.Fixtures.RecordReleaseState

Records the release state.

MACRO

Void RecordReleaseState(Boolean)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/RecordReleaseState

Parameters

shared: if set to

Programmer.Editor.Fixtures.RefreshAttributeGroupsWithContextFixture

Refreshes the attribute groups with the context fixture information.

MACRO

Void RefreshAttributeGroupsWithContextFixture()

```
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/RefreshAttributeGroupsWithContextFixture
```

Programmer.Editor.Fixtures.RefreshPotentialAttributeValues

Checks to see whether the given value is a valid parameter for the attributes on the wheel. Also updates the set to attribute name.

```
MACRO
Void RefreshPotentialAttributeValues(Single)
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/RefreshPotentialAttributeValues
```

Parameters

level: The level to set the wheel attributes to.

Programmer.Editor.Fixtures.Release

Releases the programmer with a given fade time.

```
MACRO
Void Release(Avolites.Acw.Titan.AcwTimeSpan)
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Release
```

Parameters

fadeTime: The time to fade the programmer out over.

Programmer.Editor.Fixtures.RemainderDim

Puts the level to zero in the programmer for all but the selected fixtures.

```
MACRO
Void RemainderDim()
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/RemainderDim
```

Programmer.Editor.Fixtures.SelectAttributeGroup

Selects the current attribute group used to display attributes on the wheel to the user. When you change this the wheel display will update to show attributes in the group you select. This selects them by index and they are in the for IPCGBES.

```
MACRO
Void SelectAttributeBank(Int32, System.String)
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SelectAttributeGroup
```

Parameters

groupId: The index of the attribute to show.

wheelPageStride: The ID of the property containing the number of wheels on a page of attributes.

Programmer.Editor.Fixtures.SelectAttributeGroupByControl

Selects the current attribute group used to display attributes on the wheel to the user. When you change this the wheel display will update to show attributes in the group you select. This selects based on group of the specified control in the context fixture.

MACRO

```
Void SelectAttributeGroupByControl(Int32, System.String,
System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Select
AttributeGroupByControl
```

Parameters

controlId: The control ID to show.

wheelPageStride: ID of the property containing the number of wheels available

wheelAllocation: the ID of the property containing the wheel allocation (wheel number where second attribute ought to be placed when there are more wheels than attributes)

Programmer.Editor.Fixtures.SelectAttributeGroupExtended

Selects the current attribute group used to display attributes on the wheel to the user. When you change this the wheel display will update to show attributes in the group you select. This selects them by index and they are in the for IPCGBES.

MACRO

```
Void SelectAttributeGroup(Int32, System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Select
AttributeGroupExtended
```

Parameters

groupId: The index of the attribute to show.

wheelPageStride: ID of the property containing the number of wheels available

wheelAllocation: the ID of the property containing the wheel allocation (wheel number where second attribute ought to be placed when there are more wheels than attributes)

Programmer.Editor.Fixtures.SelectAttributeGroupWithGroup

Selects the current attribute group used to display attributes on the wheel to the user. When you change this the wheel display will update to show attributes in the group you select. This selects them by index and they are in the for IPCGBES.

MACRO

```
Void
SelectAttributeGroupWithGroup(Avolites.Titan.Controllers.AttributeBankNames, System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/Select
AttributeGroupWithGroup
```

Parameters

group: The attribute to show.

wheelPageStride: ID of the property containing the number of wheels available

wheelAllocation: the ID of the property containing the wheel allocation (wheel number where second attribute ought to be placed when there are more wheels than attributes)

Programmer.Editor.Fixtures.SetAttributeBankForPhysicalFixturesMode

Sets the attribute bank for physical fixtures mode.

```
MACRO
Void SetAttributeBankForPhysicalFixturesMode(System.String,
Boolean)
```

```
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetAttributeBankForPhysicalFixturesMode
```

Parameters

- wheelPageStride**: The wheel page stride.
- wingWheelsEnabled**: if set to

Programmer.Editor.Fixtures.SetAttributeLevel

Sets the attribute level for the selected fixtures. You supply the wheel index to apply to the selected attribute on the specified wheel.

```
MACRO
Void SetAttributeLevel(Int32, Single)
```

```
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetAttributeLevel
```

Parameters

- index**: The index of the wheel containing the attribute you want to set the level for.
- displayValue**: The display value or the index of the function on the wheel.

Programmer.Editor.Fixtures.SetAttributeToDefault

Sets the attribute to default.

```
MACRO
Void SetAttributeToDefault(System.String)
```

```
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetAttributeToDefault
```

Parameters

- attributeId**: The attribute identifier.

Programmer.Editor.Fixtures.SetContextAttributeFromId

Sets the context attribute from the specified attribute ID.

```
MACRO
Void SetContextAttributeFromId(Int32)
```

```
HTTP
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetContextAttributeFromId
```

Parameters

- attributeId**: The attribute ID.

Programmer.Editor.Fixtures.SetContextAttributeFromWheelIndex

Sets the context attribute from the wheel index.

```
MACRO
Void SetContextAttributeFromWheelIndex(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetCon
textAttributeFromWheelIndex
```

Parameters**wheelIndex:** Index of the wheel.**Programmer.Editor.Fixtures.SetControlOff**

Sets the selected fixtures' control off.

MACRO

```
Void SetSelectedFixturesControlOff(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetCon
trolOff
```

Parameters**controlId:** The control id.**Programmer.Editor.Fixtures.SetControlProgrammer**

Sets a control's programmer state for the selected fixtures.

MACRO

```
Void SetControlProgrammer(Int32, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetCon
trolProgrammer
```

Parameters**controlId:** The control id.**programmer:** if set to**Programmer.Editor.Fixtures.SetControlValue**

Sets the attribute current value of all currently selected fixtures.

MACRO

```
Void
SetControlValue(Avolites.Titan.Controllers.IFixtureAttribute,
Int32, Single, Boolean, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetCon
trolValue
```

Parameters**control:** The attribute.**functionId:** The function id.**value:** The value.**programmer:** if set to**createRestorePoint:** should a restore point be created**Programmer.Editor.Fixtures.SetControlValueById**

Sets the attribute current value of all currently selected fixtures.

MACRO

```
Void SetControlValueById(Int32, Int32, Single, Boolean,
Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetCon
trolValueById
```

Parameters**controlId:** The attribute id.**functionId:** The function id.**value:** The value.

programmer: if set to
createRestorePoint: should a restore point be created

Programmer.Editor.Fixtures.SetDimmerLevel

Sets the dimmer level of the selected fixtures to the given level.

MACRO

```
Void SetDimmerLevel(Single)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetDimmerLevel
```

Parameters

level: The level as a percentage.

Programmer.Editor.Fixtures.SetFixtureControlLimit

MACRO

```
Void SetFixtureControlLimit(System.Collections.Generic.List`1[System.Int32], Int32, Single, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetFixtureControlLimit
```

Programmer.Editor.Fixtures.SetProgrammerLevel

Sets the level of a fixture in the programmer.

MACRO

```
Void SetProgrammerLevel(Avolites.Titan.Controllers.Handles.Handle, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetProgrammerLevel
```

Parameters

handle: The handle.

value: The value.

Programmer.Editor.Fixtures.SetSelectedAttributesValue

Sets the value of the selected attributes.

MACRO

```
Void SetSelectedAttributesValue(System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetSelectedAttributesValue
```

Parameters

attributeId: The attribute identifier.

stringValue: The display value to set the attributes to.

Programmer.Editor.Fixtures.SetSelectedControlsBlockEffect

Sets the selected controls to block effects or not.

MACRO

```
Void SetSelectedControlsBlockEffect(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetSelectedControlsBlockEffect
```

Parameters

block:

Programmer.Editor.Fixtures.SetSelectedControlsDelay

Sets the delay time of the selected controls.

MACRO

Void SetSelectedControlsDelay(System.String)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetSelectedControlsDelay

Parameters

stringValue: The display value to set the controls delay to.

Programmer.Editor.Fixtures.SetSelectedControlsFade

Sets the fade time of the selected controls.

MACRO

Void SetSelectedControlsFade(System.String)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetSelectedControlsFade

Parameters

stringValue: The display value to set the controls fade to.

Programmer.Editor.Fixtures.SetSelectedControlsFrozen

Sets whether the selected controls are frozen.

MACRO

Void SetSelectedControlsFrozen(Boolean)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetSelectedControlsFrozen

Parameters

frozen:

Programmer.Editor.Fixtures.SetSelectedControlsFunction

Sets the current function of the selected controls.

MACRO

Void SetSelectedControlsFunction(Int32, Single)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetSelectedControlsFunction

Parameters

functionId: The function ID.

value: The value to set the function to.

Programmer.Editor.Fixtures.SetSelectedControlsOff

Sets whether the selected controls are marked as off.

MACRO

Void SetSelectedControlsOff(Boolean)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetSelectedControlsOff

Parameters

offFlag: if set to true Off the control, false, remove the Off.

Programmer.Editor.Fixtures.SetSelectedControlsOn

Sets whether the selected controls are marked as on.

MACRO

Void SetSelectedControlsOn(Boolean)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetSelectedControlsOn

Parameters

onFlag: if set to true On the control, false, remove the On.

Programmer.Editor.Fixtures.SetSelectedControlsToScaledValue

Sets the value of the selected controls.

MACRO

Void SetSelectedControlsToScaledValue(Single)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetSelectedControlsToScaledValue

Parameters

scaledValue: The scaled value to set the controls to.

Programmer.Editor.Fixtures.SetSelectedControlsValue

Sets the value of the selected controls.

MACRO

Void SetSelectedControlsValue(System.String)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetSelectedControlsValue

Parameters

stringValue: The display value to set the controls to.

Programmer.Editor.Fixtures.SetSelectedControlsValueByMenuItem

Sets the value of the selected controls using the tag that the menuitem has.

MACRO

Void SetSelectedControlsValueByMenuItem(System.Object)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetSelectedControlsValueByMenuItem

Parameters

menuItemTag: The menu item tag.

Programmer.Editor.Fixtures.SetWheelControlOnOff

Sets whether the selected controls times are marked as OFF.

MACRO

Void SetWheelControlOnOff(Int32, Boolean)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/SetWheelControlOnOff

Parameters

wheelIndex: Index of the wheel.

on: if set to true perform the On.

Programmer.Editor.Fixtures.ShowHighlightOrientation

Sets so that orientation is shown.

MACRO

Void ShowHighlightOrientation()

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/ShowHighlightOrientation

Programmer.Editor.Fixtures.StoreHighlightState

Stores the highlight state for the currently selected fixtures.

MACRO

Void StoreHighlightState()

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/StoreHighlightState

Programmer.Editor.Fixtures.StoreLowlightState

Stores the lowlight state for the currently selected fixtures.

MACRO

Void StoreLowlightState()

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/StoreLowlightState

Programmer.Editor.Fixtures.TimesWheelViewClick

Handles user clicks on the wheel view area.

MACRO

Void TimesWheelViewClick(System.String)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/TimesWheelViewClick

Parameters**areaName:** The area of the wheel clicked: 'Fade' or 'Delay'**Programmer.Editor.Fixtures.TimesWheelViewValueChanged**

Handles mouse wheel moves on the wheel view area

MACRO

Void TimesWheelViewValueChanged(System.String, Int32, Int32)

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/TimesWheelViewValueChanged

Parameters**areaName:** The area of the wheel clicked: 'IncreaseFade', 'DecreaseFade', 'IncreaseDelay' or 'DecreaseDelay'**wheelIndex:** Index of the wheel.**timeStamp:** The time stamp given to the wheel change value.**Programmer.Editor.Fixtures.ToggleHighlight**

Toggles the highlight fixture option.

MACRO

Void ToggleHighlight()

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/ToggleHighlight

Programmer.Editor.Fixtures.TouchSelectedControls

Puts the selected controls in the programmer.

MACRO

```
Void TouchSelectedControls()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/TouchSelectedControls
```

Programmer.Editor.Fixtures.UnAssignWheelAttributes

MACRO

```
Void UnAssignWheelAttributes(System.Collections.Generic.List`1[Avolites.Titan.Controllers.IFixtureAttribute])
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/UnAssignWheelAttributes
```

Programmer.Editor.Fixtures.UpdateOffsetFromLocate

Updates the Offsets of the fixtures controls using the locate palette as reference.

MACRO

```
Void UpdateOffsetFromLocate()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/UpdateOffsetFromLocate
```

Programmer.Editor.Fixtures.UpdateOffsetFromRelease

Updates the Offsets of the fixtures controls using the release palette as reference.

MACRO

```
Void UpdateOffsetFromRelease()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/UpdateOffsetFromRelease
```

Programmer.Editor.Fixtures.WheelHasAttribute

Tests whether or not there is a valid, editable attribute assigned to a given wheel index.

MACRO

```
Boolean WheelHasAttribute(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/WheelHasAttribute
```

Parameters

wheelIndex: Index of the wheel.

Returns

True if something editable is there, otherwise false.

Programmer.Editor.Fixtures.WheelViewClick

Handles user clicks on the wheel view area.

MACRO

```
Void WheelViewClick(System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/WheelViewClick
```

Parameters

areaName: The area of the wheel clicked: 'Increase' or

'Decrease'

wheelIndex: The wheel index.

Programmer.Editor.Fixtures.WheelViewValueChanged

Handles mouse wheel moves on the wheel view area

MACRO

```
Void WheelViewValueChanged(System.String, Int32, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Fixtures/WheelViewValueChanged
```

Parameters

areaName: The area of the wheel clicked: 'Increase', 'At' or 'Decrease'

wheelIndex: Index of the wheel.

timeStamp: The time stamp given to the wheel change value.

Programmer.Editor.Selection.AllowAllFixtures

Allow all fixtures to be selected again

MACRO

```
Void ClearRestrictedSelection()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/AllowAllFixtures
```

Programmer.Editor.Selection.Clear

Clears the current selection but not Titan's programmer

MACRO

```
Void Clear()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/Clear
```

Programmer.Editor.Selection.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

MACRO

```
Void ClearSelectionPattern()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/ClearPatternSelect
```

Programmer.Editor.Selection.GetSelectedFixtures

Gets the selected fixture handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

```
Void GetSelectedFixtures(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/GetSelectedFixtures
```

Parameters

menuProperty: The menu property.

Programmer.Editor.Selection.GetSelectedHandles

Gets the selected handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

```
Void GetSelectedHandles(System.String)
```

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Selection/GetSelectedHandles

Parameters

menuProperty: The menu property.

Programmer.Editor.Selection.HighlightSelectedHandles

Sets the handles of all the selected fixtures to highlight so their LEDs pulse. Use ClearAllHighlights() to cancel this.

MACRO

Void HighlightSelectedHandles()

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Selection/HighlightSelectedHandles

Programmer.Editor.Selection.InvertPattern

Inverts the currently active pattern if there is one.

MACRO

Void InvertPattern()

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Selection/InvertPattern

Programmer.Editor.Selection.PatternJumpNext

Jumps the selection Patten right by the length of the pattern

MACRO

Void PatternJumpNext()

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Selection/PatternJumpNext

Programmer.Editor.Selection.PatternJumpPrevious

Jumps the selection Patten left by the length of the pattern

MACRO

Void PatternJumpPrevious()

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Selection/PatternJumpPrevious

Programmer.Editor.Selection.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternNext()

HTTP

http://[ip]:4430/titan/script/Programmer/Editor/Selection/PatternNext

Programmer.Editor.Selection.PatternPrevious

Moves the selection pattern one place to the left If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternPrevious()

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/PatternPrevious
```

Programmer.Editor.Selection.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

MACRO

```
Void PreviewClear()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/PreviewClear
```

Programmer.Editor.Selection.PreviewSelectFixtures

MACRO

```
Void PreviewSelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/PreviewSelectFixtures
```

Programmer.Editor.Selection.PreviewSetNewHandleSelection

MACRO

```
Void
PreviewSetNewSelection(System.Collections.Generic.IEnumerable`1
[Avolites.Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/PreviewSetNewHandleSelection
```

Programmer.Editor.Selection.SelectFixture

Selects a fixture by handle.

MACRO

```
Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/SelectFixture
```

Parameters

handle: The handle.

Programmer.Editor.Selection.SelectFixtures

MACRO

```
Void SelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/SelectFixtures
```

Programmer.Editor.Selection.SelectFixturesWithTitanIds

MACRO

```
Void
SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerable`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/SelectFixturesWithTitanIds
```

Programmer.Editor.Selection.SelectProgrammer

Selects all the fixtures which are currently in the programmer.

MACRO

```
Void SelectProgrammer()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/SelectProgrammer
```

Programmer.Editor.Selection.SetNewHandleSelection

MACRO

```
Void SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/SetNewHandleSelection
```

Programmer.Editor.Selection.SetNewSelection

MACRO

```
Void SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.FixtureHandle])
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/SetNewSelection
```

Programmer.Editor.Selection.StartNewSelection

Sets the start new selection mode to true.

MACRO

```
Void SetStartNewSelection()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/StartNewSelection
```

Programmer.Editor.Selection.ValidateFixturesSelected

Throws an error which can be displayed in the menu to prompt the user that no fixtures are selected. You can call this function to determine whether fixtures are selected in menus that require a selection.

MACRO

```
Void ValidateFixturesSelected()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Editor/Selection/ValidateFixturesSelected
```

Programmer.Include.Selection.AllowAllFixtures

Allow all fixtures to be selected again

MACRO

```
Void ClearRestrictedSelection()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/Include/Selection/AllowAllFixtures
```

Programmer.Include.Selection.Clear

Clears the current selection but not Titan's programmer

MACRO

Void Clear()

HTTP

http://[ip]:4430/titan/script/Programmer/Include/Selection/Clear

Programmer.Include.Selection.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

MACRO

Void ClearSelectionPattern()

HTTP

http://[ip]:4430/titan/script/Programmer/Include/Selection/ClearPatternSelect

Programmer.Include.Selection.GetSelectedFixtures

Gets the selected fixture handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedFixtures(System.String)

HTTP

http://[ip]:4430/titan/script/Programmer/Include/Selection/GetSelectedFixtures

Parameters

menuProperty: The menu property.

Programmer.Include.Selection.GetSelectedHandles

Gets the selected handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedHandles(System.String)

HTTP

http://[ip]:4430/titan/script/Programmer/Include/Selection/GetSelectedHandles

Parameters

menuProperty: The menu property.

Programmer.Include.Selection.HighlightSelectedHandles

Sets the handles of all the selected fixtures to highlight so their LEDs pulse. Use ClearAllHighlights() to cancel this.

MACRO

Void HighlightSelectedHandles()

HTTP

http://[ip]:4430/titan/script/Programmer/Include/Selection/HighlightSelectedHandles

Programmer.Include.Selection.InvertPattern

Inverts the currently active pattern if there is one.

MACRO

Void InvertPattern()

HTTP

http://[ip]:4430/titan/script/Programmer/Include/Selection/InvertPattern

Programmer.Include.Selection.PatternJumpNext

Jumps the selection Patten right by the length of the pattern

MACRO

Void PatternJumpNext()

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Include/Selection/PatternJumpNext](http://[ip]:4430/titan/script/Programmer/Include/Selection/PatternJumpNext)

Programmer.Include.Selection.PatternJumpPrevious

Jumps the selection Patten left by the length of the pattern

MACRO

Void PatternJumpPrevious()

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Include/Selection/PatternJumpPrevious](http://[ip]:4430/titan/script/Programmer/Include/Selection/PatternJumpPrevious)

Programmer.Include.Selection.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternNext()

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Include/Selection/PatternNext](http://[ip]:4430/titan/script/Programmer/Include/Selection/PatternNext)

Programmer.Include.Selection.PatternPrevious

Moves the selection pattern one place to the left If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternPrevious()

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Include/Selection/PatternPrevious](http://[ip]:4430/titan/script/Programmer/Include/Selection/PatternPrevious)

Programmer.Include.Selection.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

MACRO

Void PreviewClear()

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Include/Selection/PreviewClear](http://[ip]:4430/titan/script/Programmer/Include/Selection/PreviewClear)

Programmer.Include.Selection.PreviewSelectFixtures

MACRO

Void PreviewSelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])

HTTP

[http://\[ip\]:4430/titan/script/Programmer/Include/Selection/PreviewSelectFixtures](http://[ip]:4430/titan/script/Programmer/Include/Selection/PreviewSelectFixtures)

Programmer.Include.Selection.PreviewSetNewHandleSelection

```
MACRO
Void
PreviewSetNewSelection(System.Collections.Generic.IEnumerable`1
[Avolites.Titan.Controllers.Handles.Handle])
HTTP
http://[ip]:4430/titan/script/Programmer/Include/Selection/PreviewSetNewHandleSelection
```

Programmer.Include.Selection.SelectFixture

Selects a fixture by handle.

```
MACRO
Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Programmer/Include/Selection/SelectFixture
```

Parameters

handle: The handle.

Programmer.Include.Selection.SelectFixtures

```
MACRO
Void SelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
HTTP
http://[ip]:4430/titan/script/Programmer/Include/Selection/SelectFixtures
```

Programmer.Include.Selection.SelectFixturesWithTitanIds

```
MACRO
Void
SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerable`1[System.Int32])
HTTP
http://[ip]:4430/titan/script/Programmer/Include/Selection/SelectFixturesWithTitanIds
```

Programmer.Include.Selection.SetNewHandleSelection

```
MACRO
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])
HTTP
http://[ip]:4430/titan/script/Programmer/Include/Selection/SetNewHandleSelection
```

Programmer.Include.Selection.SetNewSelection

```
MACRO
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.FixtureHandle])
HTTP
http://[ip]:4430/titan/script/Programmer/Include/Selection/SetNewSelection
```

Programmer.Include.Selection.StartNewSelection

Sets the start new selection mode to true.

MACRO

Void SetStartNewSelection()

HTTP

http://[ip]:4430/titan/script/Programmer/Include/Selection/SetStartNewSelection

Programmer.Include.Selection.ValidateFixturesSelected

Throws an error which can be displayed in the menu to prompt the user that no fixtures are selected. You can call this function to determine whether fixtures are selected in menus that require a selection.

MACRO

Void ValidateFixturesSelected()

HTTP

http://[ip]:4430/titan/script/Programmer/Include/Selection/ValidateFixturesSelected

Programmer.LoadLastRestorePoint

Restores the last snapshot taken. (If any) Note, doesn't change the Selection, manage that separately.

MACRO

Void LoadLastRestorePoint()

HTTP

http://[ip]:4430/titan/script/Programmer/LoadLastRestorePoint

Programmer.OnOff.Selection.AllowAllFixtures

Allow all fixtures to be selected again

MACRO

Void ClearRestrictedSelection()

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/AllowAllFixtures

Programmer.OnOff.Selection.Clear

Clears the current selection but not Titan's programmer

MACRO

Void Clear()

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/Clear

Programmer.OnOff.Selection.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

MACRO

Void ClearSelectionPattern()

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/ClearPatternSelect

Programmer.OnOff.Selection.GetSelectedFixtures

Gets the selected fixture handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedFixtures(System.String)

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/GetSelectedFixtures

Parameters

menuProperty: The menu property.

Programmer.OnOff.Selection.GetSelectedHandles

Gets the selected handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedHandles(System.String)

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/GetSelectedHandles

Parameters

menuProperty: The menu property.

Programmer.OnOff.Selection.HighlightSelectedHandles

Sets the handles of all the selected fixtures to highlight so their LEDs pulse. Use ClearAllHighlights() to cancel this.

MACRO

Void HighlightSelectedHandles()

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/HighlightSelectedHandles

Programmer.OnOff.Selection.InvertPattern

Inverts the currently active pattern if there is one.

MACRO

Void InvertPattern()

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/InvertPattern

Programmer.OnOff.Selection.PatternJumpNext

Jumps the selection Patten right by the length of the pattern

MACRO

Void PatternJumpNext()

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/PatternJumpNext

Programmer.OnOff.Selection.PatternJumpPrevious

Jumps the selection Patten left by the length of the pattern

MACRO

Void PatternJumpPrevious()

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/PatternJumpPrevious

Programmer.OnOff.Selection.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternNext()

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/PatternNext

Programmer.OnOff.Selection.PatternPrevious

Moves the selection pattern one place to the left. If there is no selection pattern in force, it sets it to be a single fixture.

MACRO

Void PatternPrevious()

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/PatternPrevious

Programmer.OnOff.Selection.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

MACRO

Void PreviewClear()

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/PreviewClear

Programmer.OnOff.Selection.PreviewSelectFixtures

MACRO

Void PreviewSelectFixtures(System.String, System.Collections.Generic.List<System.Int32>)

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/PreviewSelectFixtures

Programmer.OnOff.Selection.PreviewSetNewHandleSelection

MACRO

Void PreviewSetNewSelection(System.Collections.Generic.IEnumerable<Avolites.Titan.Controllers.Handles.Handle>)

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/PreviewSetNewHandleSelection

Programmer.OnOff.Selection.SelectFixture

Selects a fixture by handle.

MACRO

Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/SelectFixture

Parameters

handle: The handle.

Programmer.OnOff.Selection.SelectFixtures

MACRO

Void SelectFixtures(System.String, System.Collections.Generic.List<System.Int32>)

HTTP

http://[ip]:4430/titan/script/Programmer/OnOff/Selection/SelectFixtures

Programmer.OnOff.Selection.SelectFixturesWithTitanIds

MACRO

```
Void
SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerab
le`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/OnOff/Selection/Select
FixturesWithTitanIds
```

Programmer.OnOff.Selection.SetNewHandleSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolit
es.Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/OnOff/Selection/SetNew
HandleSelection
```

Programmer.OnOff.Selection.SetNewSelection

MACRO

```
Void
SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolit
es.Titan.Controllers.Handles.Custom.FixtureHandle])
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/OnOff/Selection/SetNew
Selection
```

Programmer.OnOff.Selection.StartNewSelection

Sets the start new selection mode to true.

MACRO

```
Void SetStartNewSelection()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/OnOff/Selection/StartN
ewSelection
```

Programmer.OnOff.Selection.ValidateFixturesSelected

Throws an error which can be displayed in the menu to prompt the user that no fixtures are selected. You can call this function to determine whether fixtures are selected in menus that require a selection.

MACRO

```
Void ValidateFixturesSelected()
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/OnOff/Selection/Valida
teFixturesSelected
```

Programmer.RefireProgrammer

Re-fires the programmer.

MACRO

```
Void RefireProgrammer(Avolites.Acw.Titan.AcwProgrammerIdPair)
```

HTTP

```
http://[ip]:4430/titan/script/Programmer/RefireProgrammer
```

Parameters

programmer: The programmer.

Programmer.SaveRestorePoint

Takes a snapshot of the current programmer state and stores it

MACRO

Void SaveRestorePoint()

HTTP

http://[ip]:4430/titan/script/Programmer/SaveRestorePoint

Programmer.SetBlindMode

Sets the blind mode.

MACRO

Void SetBlindMode(Boolean, Single)

HTTP

http://[ip]:4430/titan/script/Programmer/SetBlindMode

Parameters

setChangesLive: if set to

fadeTime: The fade time.

Programmer.TryCue

Releases and re-fires the current programmer with its current time values so the user can see what the cue with times would look like if recorded. If the user is in the record cuelist/chase appendStep menus, it will also fire the prior cue in the list so that the playback 'out' times can be observed when the programmer is refired.

MACRO

Void TryCue()

HTTP

http://[ip]:4430/titan/script/Programmer/TryCue

3.57.2 Programmer Properties**Programmer.BlindActive**

Gets or sets a value indicating whether blind mode is active.

MACRO

ActionScript.SetProperty(Programmer.BlindActive, [value])

HTTP

http://[ip]:4430/titan/get/Programmer/BlindActive

HTTP

POST /titan/set/Programmer/BlindActive

Programmer.CurrentProgrammerIds

Gets or sets the current programmer Playback and Cue ID value pair.

MACRO

ActionScript.SetProperty(Programmer.CurrentProgrammerIds, [value])

HTTP

http://[ip]:4430/titan/get/Programmer/CurrentProgrammerIds

HTTP

POST /titan/set/Programmer/CurrentProgrammerIds

Programmer.Editor.Clear.Selected

Gets or sets a value indicating whether to clear only selected fixtures.

MACRO

ActionScript.SetProperty(Programmer.Editor.Clear.Selected, [value])

```
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Clear/Selected
HTTP
POST /titan/set/Programmer/Editor/Clear/Selected
```

Programmer.Editor.Fixtures.AlignAddAllToProgrammer

Gets or sets a value indicating whether add all values to the programmer when aligning.

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.AlignAddAll
ToProgrammer,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/AlignAddA
llToProgrammer
HTTP
POST
/titan/set/Programmer/Editor/Fixtures/AlignAddAllToProgrammer
```

Programmer.Editor.Fixtures.AlignCopyPaletteReferences

Gets or sets a value indicating whether to copy palette references from source to destination when aligning.

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.AlignCopyPa
LETTEReferences,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/AlignCopy
PaletteReferences
HTTP
POST
/titan/set/Programmer/Editor/Fixtures/AlignCopyPaletteReference
s
```

Programmer.Editor.Fixtures.AlignMode

Gets or sets the mode used when aligning.

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.AlignMode,[
value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/AlignMode
HTTP
POST /titan/set/Programmer/Editor/Fixtures/AlignMode
```

Programmer.Editor.Fixtures.AttributeAId

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.AttributeAI
d,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Attribute
AId
HTTP
POST /titan/set/Programmer/Editor/Fixtures/AttributeAId
```

Programmer.Editor.Fixtures.AttributeAIsValid

Gets or sets whether the attribute on wheel A is occupied or valid.

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.AttributeAIsValid,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/AttributeAIsValid
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/AttributeAIsValid
```

Programmer.Editor.Fixtures.AttributeAName**MACRO**

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.AttributeAName,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/AttributeAName
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/AttributeAName
```

Programmer.Editor.Fixtures.AttributeAValue

Gets or sets the Value of the attribute on wheel A.

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.AttributeAValue,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/AttributeAValue
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/AttributeAValue
```

Programmer.Editor.Fixtures.AttributeBI d**MACRO**

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.AttributeBI d,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/AttributeBI d
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/AttributeBI d
```

Programmer.Editor.Fixtures.AttributeBI sValid

Gets or sets whether the attribute on wheel A is occupied or valid.

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.AttributeBI sValid,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/AttributeBI sValid
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/AttributeBI sValid
```

Programmer.Editor.Fixtures.AttributeBName**MACRO**

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.AttributeBName,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/AttributeBName
```

```
HTTP
POST /titan/set/Programmer/Editor/Fixtures/AttributeBName
```

Programmer.Editor.Fixtures.AttributeBValue

Gets or sets the Value of the attribute on wheel A.

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.AttributeBValue,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/AttributeBValue
```

```
HTTP
POST /titan/set/Programmer/Editor/Fixtures/AttributeBValue
```

Programmer.Editor.Fixtures.AttributeCI d

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.AttributeCI d,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/AttributeCI d
```

```
HTTP
POST /titan/set/Programmer/Editor/Fixtures/AttributeCI d
```

Programmer.Editor.Fixtures.AttributeCI sValid

Gets or sets whether the attribute on wheel A is occupied or valid.

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.AttributeCI sValid,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/AttributeCI sValid
```

```
HTTP
POST /titan/set/Programmer/Editor/Fixtures/AttributeCI sValid
```

Programmer.Editor.Fixtures.AttributeCName

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.AttributeCName,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/AttributeCName
```

```
HTTP
POST /titan/set/Programmer/Editor/Fixtures/AttributeCName
```

Programmer.Editor.Fixtures.AttributeCValue

Gets or sets the Value of the attribute on wheel A.

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.AttributeCValue,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/AttributeCValue
```

HTTP

POST /titan/set/Programmer/Editor/Fixtures/AttributeCValue

Programmer.Editor.Fixtures.ClearAlignMask

Gets or sets whether to clear the mask each time align is used.

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.ClearAlignMask, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/ClearAlignMask
```

HTTP

POST /titan/set/Programmer/Editor/Fixtures/ClearAlignMask

Programmer.Editor.Fixtures.ContextAttribute.AttributeId

Gets the ID of the context attribute.

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.ContextAttribute.AttributeId, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/ContextAttribute/AttributeId
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/ContextAttribute/AttributeId
```

Programmer.Editor.Fixtures.ContextAttribute.Description

Gets the description for the context attribute.

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.ContextAttribute.Description, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/ContextAttribute/Description
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/ContextAttribute/Description
```

Programmer.Editor.Fixtures.ContextAttribute.FunctionId

Gets the id of the current function in the context attribute.

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.ContextAttribute.FunctionId, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/ContextAttribute/FunctionId
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/ContextAttribute/FunctionId
```

Programmer.Editor.Fixtures.ContextAttribute.FunctionType

Gets the type of the current function in the context attribute.

MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.ContextAttribute.FunctionType, [value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/ContextAttribute/FunctionType
HTTP
POST
/titan/set/Programmer/Editor/Fixtures/ContextAttribute/FunctionType

Programmer.Editor.Fixtures.ContextAttribute.HasNegativeRange

Gets whether the context attribute has negative range.

MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.ContextAttribute.HasNegativeRange, [value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/ContextAttribute/HasNegativeRange
HTTP
POST
/titan/set/Programmer/Editor/Fixtures/ContextAttribute/HasNegativeRange

Programmer.Editor.Fixtures.ContextAttribute.Id

Gets the ID of the context attribute.

MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.ContextAttribute.Id, [value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/ContextAttribute/Id
HTTP
POST /titan/set/Programmer/Editor/Fixtures/ContextAttribute/Id

Programmer.Editor.Fixtures.ContextAttribute.InProgrammer

Gets whether the context attribute is in the programmer.

MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.ContextAttribute.InProgrammer, [value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/ContextAttribute/InProgrammer
HTTP
POST
/titan/set/Programmer/Editor/Fixtures/ContextAttribute/InProgrammer

Programmer.Editor.Fixtures.ContextAttribute.IsEffectBlocked

Gets whether effects are blocked on the context attribute.

MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.ContextAttribute.IsEffectBlocked, [value])

HTTP

http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/ContextAttribute/IsEffectBlocked

HTTP

POST

/titan/set/Programmer/Editor/Fixtures/ContextAttribute/IsEffectBlocked

Programmer.Editor.Fixtures.ContextAttribute.IsEffectUnblocked

Gets whether effects are unblocked on the context attribute.

MACRO

ActionScript.SetProperty(Programmer.Editor.Fixtures.ContextAttribute.IsEffectUnblocked,[value])

HTTP

http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/ContextAttribute/IsEffectUnblocked

HTTP

POST

/titan/set/Programmer/Editor/Fixtures/ContextAttribute/IsEffectUnblocked

Programmer.Editor.Fixtures.ContextAttribute.IsFrozen

Gets whether the context attribute is frozen.

MACRO

ActionScript.SetProperty(Programmer.Editor.Fixtures.ContextAttribute.IsFrozen,[value])

HTTP

http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/ContextAttribute/IsFrozen

HTTP

POST

/titan/set/Programmer/Editor/Fixtures/ContextAttribute/IsFrozen

Programmer.Editor.Fixtures.ContextAttribute.IsOff

Gets whether the context attribute is marked as off.

MACRO

ActionScript.SetProperty(Programmer.Editor.Fixtures.ContextAttribute.IsOff,[value])

HTTP

http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/ContextAttribute/IsOff

HTTP

POST

/titan/set/Programmer/Editor/Fixtures/ContextAttribute/IsOff

Programmer.Editor.Fixtures.ContextAttribute.IsOn

Gets whether the context attribute is marked as on.

MACRO

ActionScript.SetProperty(Programmer.Editor.Fixtures.ContextAttribute.IsOn,[value])

HTTP

http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/ContextAttribute/IsOn

```
HTTP
POST
/titan/set/Programmer/Editor/Fixtures/ContextAttribute/IsOn
```

Programmer.Editor.Fixtures.ContextAttribute.Value

Gets the value of the context attribute.

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.ContextAttribute.Value,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/ContextAttribute/Value
```

```
HTTP
POST
/titan/set/Programmer/Editor/Fixtures/ContextAttribute/Value
```

Programmer.Editor.Fixtures.CurrentWheel

Gets or sets the current wheel index assignment for the attribute set in .

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.CurrentWheel,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/CurrentWheel
```

```
HTTP
POST /titan/set/Programmer/Editor/Fixtures/CurrentWheel
```

Programmer.Editor.Fixtures.EditorInUse

Gets or sets a value indicating whether the editor is in use. This is linked to the Clear button's LED.

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.EditorInUse,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/EditorInUse
```

```
HTTP
POST /titan/set/Programmer/Editor/Fixtures/EditorInUse
```

Programmer.Editor.Fixtures.EditPhysicalFixturesMode

Gets or sets the edit physical fixtures mode.

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.EditPhysicalFixturesMode,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/EditPhysicalFixturesMode
```

```
HTTP
POST
/titan/set/Programmer/Editor/Fixtures/EditPhysicalFixturesMode
```

Programmer.Editor.Fixtures.Fan.ActiveFanCurve

The fan curve to use when incrementing values.

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.Fan.ActiveFanCurve,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Fan/ActiveFanCurve
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/Fan/ActiveFanCurve
```

Programmer.Editor.Fixtures.Fan.AvailableCurveDefinitions**MACRO**

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.Fan.AvailableCurveDefinitions,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Fan/AvailableCurveDefinitions
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/Fan/AvailableCurveDefinitions
```

Programmer.Editor.Fixtures.Fan.FanModeEnabled

Gets or sets whether fan mode is enabled. When fan mode is enabled the fixtures are distributed in a fan spread.

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.Fan.FanModeEnabled,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Fan/FanModeEnabled
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/Fan/FanModeEnabled
```

Programmer.Editor.Fixtures.Fan.GroupOptions**MACRO**

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.Fan.GroupOptions,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Fan/GroupOptions
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/Fan/GroupOptions
```

Programmer.Editor.Fixtures.Fan.MidPointFixtureHandle**MACRO**

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.Fan.MidPointFixtureHandle,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Fan/MidPointFixtureHandle
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/Fan/MidPointFixtureHandle
```

Programmer.Editor.Fixtures.Fan.MidPointOptions

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.Fan.MidPointOptions,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Fan/MidPointOptions
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/Fan/MidPointOptions
```

Programmer.Editor.Fixtures.Fan.SegmentCount

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.Fan.SegmentCount,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Fan/SegmentCount
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/Fan/SegmentCount
```

Programmer.Editor.Fixtures.Fan.SelectedFanCurve

The currently select fan curve used when fan is enabled.

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.Fan.SelectedFanCurve,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Fan/SelectedFanCurve
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/Fan/SelectedFanCurve
```

Programmer.Editor.Fixtures.Fan.SelectedFanCurve.Name

The display name of the currently selected fan curve.

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.Fan.SelectedFanCurve.Name,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Fan/SelectedFanCurve/Name
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/Fan/SelectedFanCurve/Name
```

Programmer.Editor.Fixtures.Fan.SelectedFanCurveId

The currently select fan curve id used when fan is enabled.

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.Fan.SelectedFanCurveId,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Fan/SelectedFanCurveId
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/Fan/SelectedFanCurveId
```


Programmer.Editor.Fixtures.Highlight

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.Highlight, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Highlight
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/Highlight
```

Programmer.Editor.Fixtures.Patch.ContextAttributeFrozen

Property to show if the context fixture, the first selected is frozen or not

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.Patch.ContextAttributeFrozen, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Patch/ContextAttributeFrozen
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/Patch/ContextAttributeFrozen
```

Programmer.Editor.Fixtures.Patch.ContextAttributeId

The attribute id that has been selected for context

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.Patch.ContextAttributeId, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Patch/ContextAttributeId
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/Patch/ContextAttributeId
```

Programmer.Editor.Fixtures.Patch.ContextAttributeInverted

Property to show if the context fixture, the first selected is inverted or not

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.Patch.ContextAttributeInverted, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Patch/ContextAttributeInverted
```

HTTP

```
POST /titan/set/Programmer/Editor/Fixtures/Patch/ContextAttributeInverted
```

Programmer.Editor.Fixtures.Patch.ContextAttributeName

The attribute Name that has been selected for context

MACRO

```
ActionScript.SetProperty(Programmer.Editor.Fixtures.Patch.ContextAttributeName, [value])
```

```

HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Patch/ContextAttributeName
HTTP
POST
/titan/set/Programmer/Editor/Fixtures/Patch/ContextAttributeName

```

Programmer.Editor.Fixtures.Patch.LimitValue

Gets or sets the current limit value

```

MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.Patch.LimitValue,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Patch/LimitValue
HTTP
POST /titan/set/Programmer/Editor/Fixtures/Patch/LimitValue

```

Programmer.Editor.Fixtures.Patch.OffsetValue

Gets or sets the current offset value

```

MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.Patch.OffsetValue,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Patch/OffsetValue
HTTP
POST /titan/set/Programmer/Editor/Fixtures/Patch/OffsetValue

```

Programmer.Editor.Fixtures.Patch.PanTiltSwapped

Whether the pan and tilt is inverted for the context fixture.

```

MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.Patch.PanTiltSwapped,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Patch/PanTiltSwapped
HTTP
POST /titan/set/Programmer/Editor/Fixtures/Patch/PanTiltSwapped

```

Programmer.Editor.Fixtures.Patch.UpperLimit

Flag for if we are setting the upper or lower limit

```

MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.Patch.UpperLimit,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/Patch/UpperLimit
HTTP
POST /titan/set/Programmer/Editor/Fixtures/Patch/UpperLimit

```

Programmer.Editor.Fixtures.RotateX

```

MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.RotateX,[value])

```

```
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/RotateX
HTTP
POST /titan/set/Programmer/Editor/Fixtures/RotateX
```

Programmer.Editor.Fixtures.RotateY

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.RotateY, [value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/RotateY
HTTP
POST /titan/set/Programmer/Editor/Fixtures/RotateY
```

Programmer.Editor.Fixtures.RotateZ

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.RotateZ, [value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/RotateZ
HTTP
POST /titan/set/Programmer/Editor/Fixtures/RotateZ
```

Programmer.Editor.Fixtures.SelectedAttribute

Gets or sets the selected attribute.

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.SelectedAttribute, [value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/SelectedAttribute
HTTP
POST /titan/set/Programmer/Editor/Fixtures/SelectedAttribute
```

Programmer.Editor.Fixtures.SelectedViewFixtureHandle

Gets and sets the selected fixture handle for view option

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.SelectedViewFixtureHandle, [value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/SelectedViewFixtureHandle
HTTP
POST
/titan/set/Programmer/Editor/Fixtures/SelectedViewFixtureHandle
```

Programmer.Editor.Fixtures.SelectedViewFixtureName

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.SelectedViewFixtureName, [value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/SelectedViewFixtureName
HTTP
POST
/titan/set/Programmer/Editor/Fixtures/SelectedViewFixtureName
```

Programmer.Editor.Fixtures.SelectedViewFixtureUserNumber

MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.SelectedViewFixtureUserNumber,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/SelectedViewFixtureUserNumber
HTTP
POST /titan/set/Programmer/Editor/Fixtures/SelectedViewFixtureUserNumber

Programmer.Editor.Fixtures.WheelsControlAttribute

Gets or sets a value indicating whether the wheels control Levels, Fade, Delay or Visualiser.

MACRO
ActionScript.SetProperty(Programmer.Editor.Fixtures.WheelsControlAttribute,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Fixtures/WheelsControlAttribute
HTTP
POST /titan/set/Programmer/Editor/Fixtures/WheelsControlAttribute

Programmer.Editor.Selection.ContextFixtureHandle

The context fixture is the last fixture which was selected. This fixture is used to determine which attribute controls are displayed to the user.

MACRO
ActionScript.SetProperty(Programmer.Editor.Selection.ContextFixtureHandle,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Selection/ContextFixtureHandle
HTTP
POST /titan/set/Programmer/Editor/Selection/ContextFixtureHandle

Programmer.Editor.Selection.Empty

MACRO
ActionScript.SetProperty(Programmer.Editor.Selection.Empty,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Selection/Empty
HTTP
POST /titan/set/Programmer/Editor/Selection/Empty

Programmer.Editor.Selection.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

MACRO
ActionScript.SetProperty(Programmer.Editor.Selection.PatternSelect,[value])

```
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Selection/PatternSelect
HTTP
POST /titan/set/Programmer/Editor/Selection/PatternSelect
```

Programmer.Editor.Selection.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

```
MACRO
ActionScript.SetProperty(Programmer.Editor.Selection.RepeatPattern,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/Editor/Selection/RepeatPattern
HTTP
POST /titan/set/Programmer/Editor/Selection/RepeatPattern
```

Programmer.InABMode

```
MACRO
ActionScript.SetProperty(Programmer.InABMode,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/InABMode
HTTP
POST /titan/set/Programmer/InABMode
```

Programmer.Include.Selection.ContextFixtureHandle

The context fixture is the last fixture which was selected. This fixture is used to determine which attribute controls are displayed to the user.

```
MACRO
ActionScript.SetProperty(Programmer.Include.Selection.ContextFixtureHandle,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/Include/Selection/ContextFixtureHandle
HTTP
POST /titan/set/Programmer/Include/Selection/ContextFixtureHandle
```

Programmer.Include.Selection.Empty

```
MACRO
ActionScript.SetProperty(Programmer.Include.Selection.Empty,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/Include/Selection/Empty
HTTP
POST /titan/set/Programmer/Include/Selection/Empty
```

Programmer.Include.Selection.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

```
MACRO
ActionScript.SetProperty(Programmer.Include.Selection.PatternSelect,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Programmer/Include/Selection/Pattern
Select
```

```
HTTP
POST /titan/set/Programmer/Include/Selection/PatternSelect
```

Programmer.Include.Selection.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

```
MACRO
ActionScript.SetProperty(Programmer.Include.Selection.RepeatPat
tern,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Programmer/Include/Selection/RepeatP
attern
```

```
HTTP
POST /titan/set/Programmer/Include/Selection/RepeatPattern
```

Programmer.OnOff.Selection.ContextFixtureHandle

The context fixture is the last fixture which was selected. This fixture is used to determine which attribute controls are displayed to the user.

```
MACRO
ActionScript.SetProperty(Programmer.OnOff.Selection.ContextFixt
ureHandle,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Programmer/OnOff/Selection/ContextFi
xtureHandle
```

```
HTTP
POST /titan/set/Programmer/OnOff/Selection/ContextFixtureHandle
```

Programmer.OnOff.Selection.Empty

```
MACRO
ActionScript.SetProperty(Programmer.OnOff.Selection.Empty,[valu
e])
```

```
HTTP
http://[ip]:4430/titan/get/Programmer/OnOff/Selection/Empty
```

```
HTTP
POST /titan/set/Programmer/OnOff/Selection/Empty
```

Programmer.OnOff.Selection.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

```
MACRO
ActionScript.SetProperty(Programmer.OnOff.Selection.PatternSele
ct,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Programmer/OnOff/Selection/PatternSe
lect
```

```
HTTP
POST /titan/set/Programmer/OnOff/Selection/PatternSelect
```

Programmer.OnOff.Selection.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

```

MACRO
ActionScript.SetProperty(Programmer.OnOff.Selection.RepeatPattern,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/OnOff/Selection/RepeatPattern
HTTP
POST /titan/set/Programmer/OnOff/Selection/RepeatPattern

```

Programmer.ProgrammerMask

Gets or sets the programmer mask.

```

MACRO
ActionScript.SetProperty(Programmer.ProgrammerMask,[value])
HTTP
http://[ip]:4430/titan/get/Programmer/ProgrammerMask
HTTP
POST /titan/set/Programmer/ProgrammerMask

```

3.58 Rdm

3.58.1 Rdm Methods

Rdm.ChangeDmxMode

Change the mode of the selected fixtures.

```

MACRO
Void ChangeDmxMode(System.String)
HTTP
http://[ip]:4430/titan/script/Rdm/ChangeDmxMode

```

Parameters

mode: The new mode to give the selected fixtures.

Rdm.CurrentModes

Gets a menu list of current modes for the context fixture.

```

MACRO
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
CurrentModes()
HTTP
http://[ip]:4430/titan/script/Rdm/CurrentModes

```

Returns

A menu list of the modes.

Rdm.DoesDeviceExist

Returns whether a specific RDM device is currently connected.

```

MACRO
Boolean DoesDeviceExist(Avolites.Acw.Titan.RDM.AcwUIId)
HTTP
http://[ip]:4430/titan/script/Rdm/DoesDeviceExist

```

Parameters

id: The id of the RDM device.

Returns

True if the device is discovered otherwise false.

Rdm.IdentifyFixture

Sends a command to a fixture to turn on identify fixture.

```
MACRO
Void IdentifyFixture(Avolites.Acw.Titan.RDM.AcwUID, Boolean)
```

```
HTTP
http://[ip]:4430/titan/script/Rdm/IdentifyFixture
```

Parameters

- id:** The id of the fixture to identify.
- enable:** Whether or not to turn on identify.

Rdm.QuickPatch

Patches all RDM fixtures into the console.

```
MACRO
Void QuickPatch(System.String, System.String)
```

```
HTTP
http://[ip]:4430/titan/script/Rdm/QuickPatch
```

Rdm.RefreshDevices

Refreshes the list of discovered RDM devices.

```
MACRO
Void RefreshDevices()
```

```
HTTP
http://[ip]:4430/titan/script/Rdm/RefreshDevices
```

Rdm.RepatchSelectedFixtures

Repatches the selected fixtures to the new DMX address.

```
MACRO
Void RepatchSelectedFixtures()
```

```
HTTP
http://[ip]:4430/titan/script/Rdm/RepatchSelectedFixtures
```

Rdm.SetDmxAddressesFromSelectedFixture

Updates the context DMX Address to the current RDM Device selection.

```
MACRO
Void SetDmxAddressesFromSelectedFixture()
```

```
HTTP
http://[ip]:4430/titan/script/Rdm/SetDmxAddressesFromSelectedFixture
```

Rdm.StartDiscovery

Starts full discovery of RDM devices.

```
MACRO
Void StartDiscovery()
```

```
HTTP
http://[ip]:4430/titan/script/Rdm/StartDiscovery
```

Rdm.UserChangedDmxSpacing

Called by the menu when the user changes the DMX spacing.

```
MACRO
Void UserChangedDmxSpacing()
```

```
HTTP
http://[ip]:4430/titan/script/Rdm/UserChangedDmxSpacing
```

Rdm.ValidateCurrentDmxAddress

Determines if there is an address conflict with the current DMX address and sets the Valid flag.

MACRO
Void ValidateCurrentDmxAddress()
HTTP
http://[ip]:4430/titan/script/Rdm/ValidateCurrentDmxAddress

Rdm.WaitForDiscovery

Pauses for a while to fool the user into thinking we are searching for RDM devices.

MACRO
Void WaitForDiscovery()
HTTP
http://[ip]:4430/titan/script/Rdm/WaitForDiscovery

3.58.2 Rdm Properties**Rdm.CurrentDmxAssignment**

The context DMX address for editing RDM devices.

MACRO
ActionScript.SetProperty(Rdm.CurrentDmxAssignment,[value])
HTTP
http://[ip]:4430/titan/get/Rdm/CurrentDmxAssignment
HTTP
POST /titan/set/Rdm/CurrentDmxAssignment

Rdm.CurrentDmxAssignmentValid

Gets or sets whether the context DMX address has conflicts with patched fixtures.

MACRO
ActionScript.SetProperty(Rdm.CurrentDmxAssignmentValid,[value])
HTTP
http://[ip]:4430/titan/get/Rdm/CurrentDmxAssignmentValid
HTTP
POST /titan/set/Rdm/CurrentDmxAssignmentValid

Rdm.CurrentDmxSpacing

Gets or sets the current DMX spacing. This is the number of channels to add to the next DMX start address when performing a patch using marquee or fixture quantity.

MACRO
ActionScript.SetProperty(Rdm.CurrentDmxSpacing,[value])
HTTP
http://[ip]:4430/titan/get/Rdm/CurrentDmxSpacing
HTTP
POST /titan/set/Rdm/CurrentDmxSpacing

Rdm.CurrentDmxSpacingValid

Gets or sets a value indicating whether the current DMX spacing is valid. Essentially requires the specified channel spacing to be larger than the number of channels required in the fixture.

MACRO
ActionScript.SetProperty(Rdm.CurrentDmxSpacingValid,[value])
HTTP
http://[ip]:4430/titan/get/Rdm/CurrentDmxSpacingValid
HTTP
POST /titan/set/Rdm/CurrentDmxSpacingValid

Rdm.PatchCount

MACRO
ActionScript.SetProperty(Rdm.PatchCount,[value])
HTTP
http://[ip]:4430/titan/get/Rdm/PatchCount
HTTP
POST /titan/set/Rdm/PatchCount

Rdm.PatchTotal

MACRO
ActionScript.SetProperty(Rdm.PatchTotal,[value])
HTTP
http://[ip]:4430/titan/get/Rdm/PatchTotal
HTTP
POST /titan/set/Rdm/PatchTotal

3.59 Reports**3.59.1 Reports Methods****Reports.GenerateReport**

Menu action called from the panel with the values selected from the menu toggled with multiple selection

MACRO
Void GenerateReport(System.String, Boolean, Boolean, Boolean, Boolean, Boolean, Boolean)
HTTP
http://[ip]:4430/titan/script/Reports/GenerateReport

Parameters

- format:** Type of report: ExportType Enumeration
- fixtures:** Include fixtures
- memories:** Include PlaybackCues
- chases:** Include Chases
- cuelists:** Include Cue Lists
- palettes:** Include Palettes
- groups:** Include Groups.

Reports.SelectDevice

Sets the Selected device property filtering the initial Local Device.

MACRO
Void SelectDevice(System.String)
HTTP
http://[ip]:4430/titan/script/Reports/SelectDevice

Parameters

- devicePath:** The device path.

3.60 SelectIf**3.60.1 SelectIf Methods****SelectIf.LastPlaybackSelected**

Select If - Calls Titan to determine which fixtures form part of the last fired playback and adds them to the current fixture selection.

MACRO
Void SelectIfLastPlaybackSelected()

```
HTTP
http://[ip]:4430/titan/script/SelectIf/LastPlaybackSelected
```

SelectIf.LastSteppedPlaybackStopped

Determines whether the last playback to be fired is a stopped chase or cue list.

```
MACRO
Boolean IsLastSteppedPlaybackStopped()
HTTP
http://[ip]:4430/titan/script/SelectIf/LastSteppedPlaybackStopped
```

SelectIf.LiveCueSelected

Select If - Calls Titan to determine which fixtures form part of the selected playback live cue then adds them to the current fixture selection.

```
MACRO
Void LiveCueSelected(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/SelectIf/LiveCueSelected
```

Parameters

handle: The handle.

SelectIf.PaletteSelected

Select If - Calls Titan to determine which fixtures form part of a palette and adds them to the current selection.

```
MACRO
Void
SelectIfPaletteSelected(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/SelectIf/PaletteSelected
```

Parameters

handle: The (palette)handle passed from the menu system.

SelectIf.PlaybackSelected

Select If - Calls Titan to determine which fixtures form part of the selected (memory) playback and adds them to the current fixture selection.

```
MACRO
Void
PlaybackSelected(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/SelectIf/PlaybackSelected
```

Parameters

handle: The (memory)handle passed from the menu system.

SelectIf.SelectByIntensity

Select If by intensity @@ from the menu system

```
MACRO
Void SelectIfIntensityRangeFromMenu()
HTTP
http://[ip]:4430/titan/script/SelectIf/SelectByIntensity
```

SelectIf.SelectIfPlaybackCue

Selects the fixtures in a specific playback cue.

MACRO

```
Void SelectIfPlaybackCue(Int32, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/SelectIf/SelectIfPlaybackCue
```

Parameters

playbackId: The playback identifier.

cueId: The cue identifier.

SelectIf.SelectStep

Try and select the current step. This is currently fired by either an 'enter' or by selecting to unfold a one step chase/list.

MACRO

```
Void SelectStep()
```

HTTP

```
http://[ip]:4430/titan/script/SelectIf/SelectStep
```

SelectIf.StepNumberChanged

The current step number has changed. Show the select button if it's a valid step

MACRO

```
Void StepNumberChanged()
```

HTTP

```
http://[ip]:4430/titan/script/SelectIf/StepNumberChanged
```

3.60.2 SelectIf Properties**SelectIf.CurrentStepNumber**

Gets or sets the current step number for selecting a cue in a chase or cue list.

MACRO

```
ActionScript.SetProperty(SelectIf.CurrentStepNumber, [value])
```

HTTP

```
http://[ip]:4430/titan/get/SelectIf/CurrentStepNumber
```

HTTP

```
POST /titan/set/SelectIf/CurrentStepNumber
```

SelectIf.MaxAvailableStepNumber

Gets or sets the max available step number in a chase or cue list.

MACRO

```
ActionScript.SetProperty(SelectIf.MaxAvailableStepNumber, [value])
```

HTTP

```
http://[ip]:4430/titan/get/SelectIf/MaxAvailableStepNumber
```

HTTP

```
POST /titan/set/SelectIf/MaxAvailableStepNumber
```

SelectIf.MinAvailableStepNumber

Gets or sets the min available step number in a chase or cue list.

MACRO

```
ActionScript.SetProperty(SelectIf.MinAvailableStepNumber, [value])
```

HTTP

```
http://[ip]:4430/titan/get/SelectIf/MinAvailableStepNumber
```

```
HTTP
```

```
POST /titan/set/SelectIf/MinAvailableStepNumber
```

SelectIf.SelectedPlayback

Gets or sets the selected playback for a Stepped playback (chase or cue list).

```
MACRO
```

```
ActionScript.SetProperty(SelectIf.SelectedPlayback,[value])
```

```
HTTP
```

```
http://[ip]:4430/titan/get/SelectIf/SelectedPlayback
```

```
HTTP
```

```
POST /titan/set/SelectIf/SelectedPlayback
```

SelectIf.SelectIfTrigger

Gets or sets the input trigger that launched a Select If command. Can either be a handle or command line (i.e. enter press on keypad syntax or @@). Used to determine whether the command line action should be added straight to the selection or if it should be stored in a temporary buffer for use in a subsequent intersection operation associated with a handle. See last lines of:

r @@). Used to determine whether the command line action should be added straight to the selection or if it should be stored in a temporary buffer for use in a subsequent intersection operation associated with a handle. See last lines of:

Namespace: SelectIf

```
<H2>Syntax</H2><DIV class=syntax>MACRO
```

```
ActionScript.SetProperty(SelectIf.SelectIfTrigger,[value])
```

```
HTTP
```

```
http://[ip]:4430/titan/get/SelectIf/SelectIfTrigger
```

```
HTTP
```

```
POST /titan/set/SelectIf/SelectIfTrigger
```

SelectIf.StepNumberIsValid

Gets or sets a value indicating whether [the keypad selected step number is valid].

```
MACRO
```

```
ActionScript.SetProperty(SelectIf.StepNumberIsValid,[value])
```

```
HTTP
```

```
http://[ip]:4430/titan/get/SelectIf/StepNumberIsValid
```

```
HTTP
```

```
POST /titan/set/SelectIf/StepNumberIsValid
```

3.61 Selection

3.61.1 Selection Methods

Selection.Context.Clear

Clears the current selection

```
MACRO
```

```
Void Clear()
```

```
HTTP
```

```
http://[ip]:4430/titan/script/Selection/Context/Clear
```

Selection.Context.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

```

MACRO
Void ClearSelectionPattern()
HTTP
http://[ip]:4430/titan/script/Selection/Context/ClearPatternSelect

```

Selection.Context.Global.Clear

Clears the current selection

```

MACRO
Void Clear()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Global/Clear

```

Selection.Context.Global.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

```

MACRO
Void ClearSelectionPattern()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Global/ClearPatternSelect

```

Selection.Context.Global.InvertPattern

Inverts the currently active pattern if there is one.

```

MACRO
Void InvertPattern()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Global/InvertPattern

```

Selection.Context.Global.PatternJumpNext

Jumps the selection Patten right by the length of the pattern

```

MACRO
Void PatternJumpNext()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Global/PatternJumpNext

```

Selection.Context.Global.PatternJumpPrevious

Jumps the selection Patten left by the length of the pattern

```

MACRO
Void PatternJumpPrevious()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Global/PatternJumpPrevious

```

Selection.Context.Global.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

```

MACRO
Void PatternNext()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Global/PatternNext

```

Selection.Context.Global.PatternPrevious

Moves the selection pattern one place to the left. If there is no selection pattern in force it sets it to be a single fixture.

MACRO

Void PatternPrevious()

HTTP

http://[ip]:4430/titan/script/Selection/Context/Global/PatternPrevious

Selection.Context.Global.PreviewBeginSelect

Starts or restarts preview mode. Once this is called all selection actions will be diverted to the preview selection instead of the real selection. To exit this mode call PreviewShow or PreviewClear. If you call BeginSelect while preview already active it will rollback the preview and start again. Note selection operations will not have any effect on the handles until Show is called.

MACRO

Void PreviewBeginSelect()

HTTP

http://[ip]:4430/titan/script/Selection/Context/Global/PreviewBeginSelect

Selection.Context.Global.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

MACRO

Void PreviewClear()

HTTP

http://[ip]:4430/titan/script/Selection/Context/Global/PreviewClear

Selection.Context.Global.PreviewSelectFixtureHandles

MACRO

Void

PreviewSelectFixtures(System.Collections.Generic.IEnumerable<Avolites.Titan.Controllers.Handles.Custom.FixtureHandle>)

HTTP

http://[ip]:4430/titan/script/Selection/Context/Global/PreviewSelectFixtureHandles

Selection.Context.Global.PreviewSelectFixtures

MACRO

Void PreviewSelectFixtures(System.String, System.Collections.Generic.List<System.Int32>)

HTTP

http://[ip]:4430/titan/script/Selection/Context/Global/PreviewSelectFixtures

Selection.Context.Global.PreviewSelectFixturesFromHandles

MACRO

Void

PreviewSelectFixturesFromHandles(System.Collections.Generic.IEnumerable<Avolites.Titan.Controllers.Handles.Handle>)

```
HTTP
http://[ip]:4430/titan/script/Selection/Context/Global/PreviewS
electFixturesFromHandles
```

Selection.Context.Global.PreviewShow

Shows the preview state. This causes the current preview selection to be reselected in the Handles' PreviewSelect property. It also stops selection commands being diverted to the Preview selection. Call this to display the preview.

```
MACRO
Void PreviewShow()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Global/PreviewS
how
```

Selection.Context.Global.SelectAllCells

Selects all cells.

```
MACRO
Void SelectAllCells()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Global/SelectAl
lCells
```

Selection.Context.Global.SelectCells

Selects the cells of any fixtures that have a cell of the specified user number

```
MACRO
Void SelectCells(Int32)
HTTP
http://[ip]:4430/titan/script/Selection/Context/Global/SelectCe
lls
```

Parameters

cellUserNumber: The cell user number.

Selection.Context.Global.SelectFixture

Select a fixture and update the view immediately

```
MACRO
Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Selection/Context/Global/SelectFi
xture
```

Parameters

handle:

Selection.Context.Global.SelectFixtureHandles

```
MACRO
Void
SelectFixtures(System.Collections.Generic.IEnumerable`1[Avolite
s.Titan.Controllers.Handles.Custom.FixtureHandle])
HTTP
http://[ip]:4430/titan/script/Selection/Context/Global/SelectFi
xtureHandles
```


Selection.Context.Global.SelectFixtures

MACRO

```
Void SelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Selection/Context/Global/SelectFixtures
```

Selection.Context.Global.SelectFixturesFromHandles

MACRO

```
Void
SelectFixturesFromHandles(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/Selection/Context/Global/SelectFixturesFromHandles
```

Selection.Context.Global.SelectFixturesWithTitanIds

MACRO

```
Void
SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerable`1[System.Int32])
```

HTTP

```
http://[ip]:4430/titan/script/Selection/Context/Global/SelectFixturesWithTitanIds
```

Selection.Context.Global.SelectMasters

Selects the masters of any sub fixtures that are selected and Deselects those sub fixtures

MACRO

```
Void SelectMasters()
```

HTTP

```
http://[ip]:4430/titan/script/Selection/Context/Global/SelectMasters
```

Selection.Context.Global.SetRandomFixtureOrder

Shuffles the selection into a mathematically random order

MACRO

```
Void SetRandomFixtureOrder()
```

HTTP

```
http://[ip]:4430/titan/script/Selection/Context/Global/SetRandomFixtureOrder
```

Selection.Context.Global.StartNewSelection

Sets the start new selection mode to true.

MACRO

```
Void SetStartNewSelection()
```

HTTP

```
http://[ip]:4430/titan/script/Selection/Context/Global/StartNewSelection
```

Selection.Context.InvertPattern

Inverts the currently active pattern if there is one.

MACRO

```
Void InvertPattern()
```

```
HTTP
http://[ip]:4430/titan/script/Selection/Context/InvertPattern
```

Selection.Context.PatternJumpNext

Jumps the selection Patten right by the length of the pattern

```
MACRO
Void PatternJumpNext()
HTTP
http://[ip]:4430/titan/script/Selection/Context/PatternJumpNext
```

Selection.Context.PatternJumpPrevious

Jumps the selection Patten left by the length of the pattern

```
MACRO
Void PatternJumpPrevious()
HTTP
http://[ip]:4430/titan/script/Selection/Context/PatternJumpPrevious
```

Selection.Context.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

```
MACRO
Void PatternNext()
HTTP
http://[ip]:4430/titan/script/Selection/Context/PatternNext
```

Selection.Context.PatternPrevious

Moves the selection pattern one place to the left If there is no selection pattern in force it sets it to be a single fixture

```
MACRO
Void PatternPrevious()
HTTP
http://[ip]:4430/titan/script/Selection/Context/PatternPrevious
```

Selection.Context.PreviewBeginSelect

Starts or restarts preview mode. Once this is called all selection actions will be diverted to the preview selection instead of the real selection. To exit this mode call PreviewShow or PreviewClear. If you call BeginSelect whith preview already active it will rollback the preview and start again. Note selection operations will not have any effect on the handles until Show is called.

```
MACRO
Void PreviewBeginSelect()
HTTP
http://[ip]:4430/titan/script/Selection/Context/PreviewBeginSelect
```

Selection.Context.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

```
MACRO
Void PreviewClear()
HTTP
http://[ip]:4430/titan/script/Selection/Context/PreviewClear
```

Selection.Context.PreviewSelectFixtureHandles

```
MACRO
Void
PreviewSelectFixtures(System.Collections.Generic.IEnumerable`1[
Avolites.Titan.Controllers.Handles.Custom.FixtureHandle])
HTTP
http://[ip]:4430/titan/script/Selection/Context/PreviewSelectFi
xtureHandles
```

Selection.Context.PreviewSelectFixtures

```
MACRO
Void PreviewSelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
HTTP
http://[ip]:4430/titan/script/Selection/Context/PreviewSelectFi
xtures
```

Selection.Context.PreviewSelectFixturesFromHandles

```
MACRO
Void
PreviewSelectFixturesFromHandles(System.Collections.Generic.IEn
umerable`1[Avolites.Titan.Controllers.Handles.Handle])
HTTP
http://[ip]:4430/titan/script/Selection/Context/PreviewSelectFi
xturesFromHandles
```

Selection.Context.PreviewShow

Shows the preview state. This causes the current preview selection to be refelected in the Handles' PreviewSelect property. It also stops selection commands being diverted to the Preview selection. Call this to display the preview.

```
MACRO
Void PreviewShow()
HTTP
http://[ip]:4430/titan/script/Selection/Context/PreviewShow
```

Selection.Context.Programmer.Clear

Clears the current selection

```
MACRO
Void Clear()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/Clea
r
```

Selection.Context.Programmer.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

```
MACRO
Void ClearSelectionPattern()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/Clea
rPatternSelect
```

Selection.Context.Programmer.InvertPattern

Inverts the currently active pattern if there is one.

```
MACRO
Void InvertPattern()
```

HTTP

[http://\[ip\]:4430/titan/script/Selection/Context/Programmer/InvertPattern](http://[ip]:4430/titan/script/Selection/Context/Programmer/InvertPattern)

Selection.Context.Programmer.PatternJumpNext

Jumps the selection Patten right by the length of the pattern

MACRO

Void PatternJumpNext()

HTTP

[http://\[ip\]:4430/titan/script/Selection/Context/Programmer/PatternJumpNext](http://[ip]:4430/titan/script/Selection/Context/Programmer/PatternJumpNext)

Selection.Context.Programmer.PatternJumpPrevious

Jumps the selection Patten left by the length of the pattern

MACRO

Void PatternJumpPrevious()

HTTP

[http://\[ip\]:4430/titan/script/Selection/Context/Programmer/PatternJumpPrevious](http://[ip]:4430/titan/script/Selection/Context/Programmer/PatternJumpPrevious)

Selection.Context.Programmer.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternNext()

HTTP

[http://\[ip\]:4430/titan/script/Selection/Context/Programmer/PatternNext](http://[ip]:4430/titan/script/Selection/Context/Programmer/PatternNext)

Selection.Context.Programmer.PatternPrevious

Moves the selection pattern one place to the left If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternPrevious()

HTTP

[http://\[ip\]:4430/titan/script/Selection/Context/Programmer/PatternPrevious](http://[ip]:4430/titan/script/Selection/Context/Programmer/PatternPrevious)

Selection.Context.Programmer.PreviewBeginSelect

Starts or restarts preview mode. Once this is called all selection actions will be diverted to the preview selection instead of the real selection. To exit this mode call PreviewShow or PreviewClear. If you call BeginSelect whith preview already active it will rollback the preview and start again. Note selection operations will not have any effect on the handles until Show is called.

MACRO

Void PreviewBeginSelect()

HTTP

[http://\[ip\]:4430/titan/script/Selection/Context/Programmer/PreviewBeginSelect](http://[ip]:4430/titan/script/Selection/Context/Programmer/PreviewBeginSelect)

Selection.Context.Programmer.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

MACRO
Void PreviewClear()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/PreviewClear

Selection.Context.Programmer.PreviewSelectFixtureHandles

MACRO
Void PreviewSelectFixtures(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.FixtureHandle])
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/PreviewSelectFixtureHandles

Selection.Context.Programmer.PreviewSelectFixtures

MACRO
Void PreviewSelectFixtures(System.String, System.Collections.Generic.List`1[System.Int32])
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/PreviewSelectFixtures

Selection.Context.Programmer.PreviewSelectFixturesFromHandles

MACRO
Void PreviewSelectFixturesFromHandles(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/PreviewSelectFixturesFromHandles

Selection.Context.Programmer.PreviewShow

Shows the preview state. This causes the current preview selection to be refelected in the Handles' PreviewSelect property. It also stops selection commands being diverted to the Preview selection. Call this to display the preview.

MACRO
Void PreviewShow()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/PreviewShow

Selection.Context.Programmer.SelectAllCells

Selects all cells.

MACRO
Void SelectAllCells()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/SelectAllCells

Selection.Context.Programmer.SelectCells

Selects the cells of any fixtures that have a cell of the specified user number

```

MACRO
Void SelectCells(Int32)
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/SelectCells

```

Parameters

cellUserNumber: The cell user number.

Selection.Context.Programmer.SelectFixture

Select a fixture and update the view immediately

```

MACRO
Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/SelectFixture

```

Parameters

handle:

Selection.Context.Programmer.SelectFixtureHandles

```

MACRO
Void
SelectFixtures(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.FixtureHandle])
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/SelectFixtureHandles

```

Selection.Context.Programmer.SelectFixtures

```

MACRO
Void SelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/SelectFixtures

```

Selection.Context.Programmer.SelectFixturesFromHandles

```

MACRO
Void
SelectFixturesFromHandles(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/SelectFixturesFromHandles

```

Selection.Context.Programmer.SelectFixturesWithTitanIds

```

MACRO
Void
SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerable`1[System.Int32])
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/SelectFixturesWithTitanIds

```

Selection.Context.Programmer.SelectMasters

Selects the masters of any sub fixtures that are selected and Deselects those sub fixtures

```

MACRO
Void SelectMasters()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/SelectMasters

```

Selection.Context.Programmer.SetRandomFixtureOrder

Shuffles the selection into a mathematically random order

```

MACRO
Void SetRandomFixtureOrder()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/SetRandomFixtureOrder

```

Selection.Context.Programmer.StartNewSelection

Sets the start new selection mode to true.

```

MACRO
Void SetStartNewSelection()
HTTP
http://[ip]:4430/titan/script/Selection/Context/Programmer/StartNewSelection

```

Selection.Context.SelectAllCells

Selects all cells.

```

MACRO
Void SelectAllCells()
HTTP
http://[ip]:4430/titan/script/Selection/Context/SelectAllCells

```

Selection.Context.SelectCells

Selects the cells of any fixtures that have a cell of the specified user number

```

MACRO
Void SelectCells(Int32)
HTTP
http://[ip]:4430/titan/script/Selection/Context/SelectCells

```

Parameters

cellUserNumber: The cell user number.

Selection.Context.SelectFixture

Select a fixture and update the view immediately

```

MACRO
Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Selection/Context/SelectFixture

```

Parameters

handle:

Selection.Context.SelectFixtureHandles

```

MACRO
Void
SelectFixtures(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.FixtureHandle])

```

HTTP

http://[ip]:4430/titan/script/Selection/Context/SelectFixtureHandles

Selection.Context.SelectFixtures

MACRO

Void SelectFixtures(System.String, System.Collections.Generic.List<System.Int32>)

HTTP

http://[ip]:4430/titan/script/Selection/Context/SelectFixtures

Selection.Context.SelectFixturesFromHandles

MACRO

Void SelectFixturesFromHandles(System.Collections.Generic.IEnumerable<Avolites.Titan.Controllers.Handles.Handle>)

HTTP

http://[ip]:4430/titan/script/Selection/Context/SelectFixturesFromHandles

Selection.Context.SelectFixturesWithTitanIds

MACRO

Void SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerable<System.Int32>)

HTTP

http://[ip]:4430/titan/script/Selection/Context/SelectFixturesWithTitanIds

Selection.Context.SelectMasters

Selects the masters of any sub fixtures that are selected and Deselects those sub fixtures

MACRO

Void SelectMasters()

HTTP

http://[ip]:4430/titan/script/Selection/Context/SelectMasters

Selection.Context.SetRandomFixtureOrder

Shuffles the selection into a mathematically random order

MACRO

Void SetRandomFixtureOrder()

HTTP

http://[ip]:4430/titan/script/Selection/Context/SetRandomFixtureOrder

Selection.Context.StartNewSelection

Sets the start new selection mode to true.

MACRO

Void SetStartNewSelection()

HTTP

http://[ip]:4430/titan/script/Selection/Context/StartNewSelection

Selection.SetContextSelection

Sets the context selection.

MACRO

Void SetContextSelection(System.String)


```
HTTP
http://[ip]:4430/titan/script/Selection/SetContextSelection
```

Parameters

id: The id.

3.61.2 Selection Properties**Selection.Context.Empty**

```
MACRO
ActionScript.SetProperty(Selection.Context.Empty,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Selection/Context/Empty
```

```
HTTP
POST /titan/set/Selection/Context/Empty
```

Selection.Context.Global.Empty

```
MACRO
ActionScript.SetProperty(Selection.Context.Global.Empty,[value]
)
```

```
HTTP
http://[ip]:4430/titan/get/Selection/Context/Global/Empty
```

```
HTTP
POST /titan/set/Selection/Context/Global/Empty
```

Selection.Context.Global.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

```
MACRO
ActionScript.SetProperty(Selection.Context.Global.PatternSelect
,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Selection/Context/Global/PatternSele
ct
```

```
HTTP
POST /titan/set/Selection/Context/Global/PatternSelect
```

Selection.Context.Global.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

```
MACRO
ActionScript.SetProperty(Selection.Context.Global.RepeatPattern
,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Selection/Context/Global/RepeatPatte
rn
```

```
HTTP
POST /titan/set/Selection/Context/Global/RepeatPattern
```

Selection.Context.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

```
MACRO
ActionScript.SetProperty(Selection.Context.PatternSelect,[value]
)
```

```
HTTP
http://[ip]:4430/titan/get/Selection/Context/PatternSelect
```

HTTP

POST /titan/set/Selection/Context/PatternSelect

Selection.Context.Programmer.Empty

MACRO

```
ActionScript.SetProperty(Selection.Context.Programmer.Empty, [value])
```

HTTP

http://[ip]:4430/titan/get/Selection/Context/Programmer/Empty

HTTP

POST /titan/set/Selection/Context/Programmer/Empty

Selection.Context.Programmer.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

MACRO

```
ActionScript.SetProperty(Selection.Context.Programmer.PatternSelect, [value])
```

HTTP

http://[ip]:4430/titan/get/Selection/Context/Programmer/PatternSelect

HTTP

POST /titan/set/Selection/Context/Programmer/PatternSelect

Selection.Context.Programmer.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

MACRO

```
ActionScript.SetProperty(Selection.Context.Programmer.RepeatPattern, [value])
```

HTTP

http://[ip]:4430/titan/get/Selection/Context/Programmer/RepeatPattern

HTTP

POST /titan/set/Selection/Context/Programmer/RepeatPattern

Selection.Context.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

MACRO

```
ActionScript.SetProperty(Selection.Context.RepeatPattern, [value])
```

HTTP

http://[ip]:4430/titan/get/Selection/Context/RepeatPattern

HTTP

POST /titan/set/Selection/Context/RepeatPattern

3.62 SetList**3.62.1 SetList Methods****SetList.AddLinkFromId**

Adds a new link to a macro. The SoftMenu will have the same buttons as when adding a macro to a cue

MACRO

```
Void AddLinkFromId(System.String)
```

HTTP

[http://\[ip\]:4430/titan/script/SetList/AddLinkFromId](http://[ip]:4430/titan/script/SetList/AddLinkFromId)

Parameters

macroId: The macro identifier.

SetList.AddMacroHandleToSetList

Adds Macro to setlist. So that any track added to the setlist will have the setlist macro assigned to it.

MACRO

Void

AddMacroHandleToSetList(Avolites.Titan.Controllers.Handles.Handle)

HTTP

[http://\[ip\]:4430/titan/script/SetList/AddMacroHandleToSetList](http://[ip]:4430/titan/script/SetList/AddMacroHandleToSetList)

Parameters

handle: The handle.

SetList.AddMacroLibrary

Adds the macro library.

MACRO

Void

AddMacroLibrary(Avolites.Titan.Controllers.Handles.Custom.MacroLibraryHandle)

HTTP

[http://\[ip\]:4430/titan/script/SetList/AddMacroLibrary](http://[ip]:4430/titan/script/SetList/AddMacroLibrary)

Parameters

macroLibraryHandle: The macro library handle.

SetList.AddMacroLibraryToSetList

Adds Macro to setlist. So that any track added to the setlist will have the setlist macro assigned to it.

MACRO

Void

AddMacroLibraryToSetList(Avolites.Titan.Controllers.Handles.Custom.MacroLibraryHandle)

HTTP

[http://\[ip\]:4430/titan/script/SetList/AddMacroLibraryToSetList](http://[ip]:4430/titan/script/SetList/AddMacroLibraryToSetList)

Parameters

macroLibraryHandle: The macro library handle.

SetList.AddMacroLink

Gets the macro handler.

MACRO

Void AddMacroLink(Avolites.Titan.Controllers.Handles.Handle)

HTTP

[http://\[ip\]:4430/titan/script/SetList/AddMacroLink](http://[ip]:4430/titan/script/SetList/AddMacroLink)

Parameters

handle: The handle.

SetList.AddMacroToSetList

Adds Macro to setlist. So that any track added to the setlist will have the setlist macro assigned to it.

MACRO

Void AddMacroToSetList(System.String)

HTTP

[http://\[ip\]:4430/titan/script/SetList/AddMacroToSetList](http://[ip]:4430/titan/script/SetList/AddMacroToSetList)**Parameters****macroId**: The macro identifier.**SetList.AddNote**

MACRO

Void

AddNote(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.TrackHandle], System.String)

HTTP

[http://\[ip\]:4430/titan/script/SetList/AddNote](http://[ip]:4430/titan/script/SetList/AddNote)**SetList.AddTrack**

Add a track to the set list.

MACRO

Void

AddTrack(Avolites.Titan.Controllers.Handles.Custom.SetListHandle, Int32, System.String)

HTTP

[http://\[ip\]:4430/titan/script/SetList/AddTrack](http://[ip]:4430/titan/script/SetList/AddTrack)**Parameters****setList**: The set list.**page**: The playback roller page.**trackName**: Name of the track.**SetList.ClearSelectedMacros**

Clears the selected tracks.

MACRO

Void ClearSelectedMacros()

HTTP

[http://\[ip\]:4430/titan/script/SetList/ClearSelectedMacros](http://[ip]:4430/titan/script/SetList/ClearSelectedMacros)**SetList.ClearSelectedTracks**

Clears the selected tracks.

MACRO

Void ClearSelectedTracks()

HTTP

[http://\[ip\]:4430/titan/script/SetList/ClearSelectedTracks](http://[ip]:4430/titan/script/SetList/ClearSelectedTracks)**SetList.ConfirmRemoveMacro**

MACRO

Void

ConfirmRemoveMacro(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle], System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])

HTTP

[http://\[ip\]:4430/titan/script/SetList/ConfirmRemoveMacro](http://[ip]:4430/titan/script/SetList/ConfirmRemoveMacro)**SetList.ConfirmWorkspaceRecord**

Confirms the workspace addition.

MACRO

Void ConfirmWorkspaceAddition()

HTTP

[http://\[ip\]:4430/titan/script/SetList/ConfirmWorkspaceRecord](http://[ip]:4430/titan/script/SetList/ConfirmWorkspaceRecord)

SetList.CopyMoveTracks

MACRO

```
Void CopyMoveTracks(HandleOperations,
Avolites.Titan.Controllers.Handles.Handle, Boolean, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/SetList/CopyMoveTracks
```

SetList.CopyTrackProperties

Copies the macros.

MACRO

```
Void
CopyTrackProperties(Avolites.Titan.Controllers.Handles.Handle,
Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/SetList/CopyTrackProperties
```

Parameters

destinationHandle: The destination handle.

copyLegend: if set to

SetList.CreateSetList

Creates a new set list but does not select it.

MACRO

```
Avolites.Titan.Controllers.Handles.Custom.SetListHandle
CreateSetList(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/SetList/CreateSetList
```

Parameters

newSetName: New name of the set list.

SetList.CreateSetListFromPages

Creates a new set list from the occupied pages of the specified handle group

MACRO

```
Void CreateSetListFromPages(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/SetList/CreateSetListFromPages
```

Parameters

groupName: Name of the group.

SetList.CreateSetListFromSelectedTracks

MACRO

```
Void CreateSetListFromSelectedTracks(HandleOperations)
```

HTTP

```
http://[ip]:4430/titan/script/SetList/CreateSetListFromSelected
Tracks
```

SetList.EnsureSetListSelected

Ensures that a set list is selected. If there isn't a set list selected it selects the first one. If there are no set lists at all it creates one.

MACRO

```
Void EnsureSetListSelected()
```

HTTP

```
http://[ip]:4430/titan/script/SetList/EnsureSetListSelected
```

SetList.FireTrack

Fires a track.

MACRO

```
Void FireTrack(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/SetList/FireTrack
```

Parameters

trackHandle: The track handle.

SetList.HandleToTrackList

Converts a handle to an Enumerable of TrackHandles.

MACRO

```
System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.TrackHandle]
HandleToTrackList(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/SetList/HandleToTrackList
```

Parameters

handle: The handle.

SetList.HighlightSourceMacros

Highlights the source macros.

MACRO

```
Void HighlightSourceMacros()
```

HTTP

```
http://[ip]:4430/titan/script/SetList/HighlightSourceMacros
```

SetList.HighlightSourceTracks

Highlights the source cues from the track selection.

MACRO

```
Void HighlightSourceCues()
```

HTTP

```
http://[ip]:4430/titan/script/SetList/HighlightSourceTracks
```

SetList.IsTrackParked

Determines whether a track is parked.

MACRO

```
Void
IsTrackParked(Avolites.Titan.Controllers.Handles.Custom.TrackHandle, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/SetList/IsTrackParked
```

Parameters

track: The track.

propertyId: The property id to write back to.

SetList.IsTrackValid

Determines whether a handle is a valid track.

MACRO

```
Boolean
IsTrackValid(Avolites.Titan.Controllers.Handles.Custom.TrackHandle)
```

HTTP

```
http://[ip]:4430/titan/script/SetList/IsTrackValid
```

Parameters**handle**: The handle.**SetList.MoveTrackProperties**

Moves the macros.

MACRO

```
Void
MoveTrackProperties(Avolites.Titan.Controllers.Handles.Custom.TrackHandle, Avolites.Titan.Controllers.Handles.Handle, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/SetList/MoveTrackProperties
```

Parameters**sourceTrackHandle**: The source track handle.**destinationHandle**: The destination handle.**copyLegend**: if set to**SetList.NewSetList**

Creates a new SetList

MACRO

```
Void NewSetList(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/SetList/NewSetList
```

Parameters**newSetListName**: New name of the set list.**SetList.NextTrack**

Fires the next track in the active list.

MACRO

```
Void NextTrack()
```

HTTP

```
http://[ip]:4430/titan/script/SetList/NextTrack
```

SetList.ParkTracks

MACRO

```
Void
ParkTracks(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.TrackHandle])
```

HTTP

```
http://[ip]:4430/titan/script/SetList/ParkTracks
```

SetList.PreviousTrack

Fires the previous track in the active list

MACRO

```
Void PreviousTrack()
```

HTTP

```
http://[ip]:4430/titan/script/SetList/PreviousTrack
```

SetList.RecordSnapshot

MACRO

```
Void
RecordSnapshot(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.TrackHandle], Int32, Boolean, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/SetList/RecordSnapshot
```

SetList.RecordWorkspace

Records the workspace.

MACRO

```
Void RecordWorkspace(Avolites.Titan.Controllers.Handles.Handle,  
Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/SetList/RecordWorkspace
```

Parameters

handle: The handle.

createWorkspace: if set to

SetList.RemoveMacro

MACRO

```
Void  
RemoveMacro(System.Collections.Generic.IEnumerable`1[Avolites.T  
itan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/SetList/RemoveMacro
```

SetList.RemoveNotes

MACRO

```
Void  
RemoveNotes(System.Collections.Generic.IEnumerable`1[Avolites.T  
itan.Controllers.Handles.Custom.TrackHandle])
```

HTTP

```
http://[ip]:4430/titan/script/SetList/RemoveNotes
```

SetList.SelectListHandle

Selects the set list handle.

MACRO

```
Void  
SelectListHandle(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/SetList/SelectListHandle
```

Parameters

setListHandle: The set list handle.

SetList.SelectMacros

MACRO

```
Void  
SelectMacros(System.Collections.Generic.IEnumerable`1[Avolites.  
Titan.Controllers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/SetList/SelectMacros
```

SetList.SelectSetList

Selects the SetList.

MACRO

```
Void SelectSetList(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/SetList/SelectSetList
```

Parameters

handle: The handle.

SetList.SelectTrack

Selects the track.

```
MACRO
Void SelectTrack(Avolites.Titan.Controllers.Handles.Handle)
```

```
HTTP
http://[ip]:4430/titan/script/SetList/SelectTrack
```

Parameters

handle: The handle.

SetList.SelectTracks

```
MACRO
Void
SelectTracks(System.Collections.Generic.IEnumerable`1[Avolites.
Titan.Controllers.Handles.Handle])
```

```
HTTP
http://[ip]:4430/titan/script/SetList/SelectTracks
```

SetList.SetAllowMacroWorkspaceEdit

Sets the allow macro workspace edit.

```
MACRO
Void SetAllowMacroWorkspaceEdit(Boolean)
HTTP
http://[ip]:4430/titan/script/SetList/SetAllowMacroWorkspaceEdit
```

Parameters

flag: if set to

SetList.SuggestTrackLegend

Gets a suggestion for a track name for a new track in the specified list. If there is no list 'Track 1' is suggested

```
MACRO
System.String
SuggestTrackLegend(Avolites.Titan.Controllers.Handles.Custom.SetListHandle)
```

```
HTTP
http://[ip]:4430/titan/script/SetList/SuggestTrackLegend
```

Parameters

setList: The set list.

SetList.UnparkTracks

```
MACRO
Void
UnparkTracks(System.Collections.Generic.IEnumerable`1[Avolites.
Titan.Controllers.Handles.Custom.TrackHandle])
```

```
HTTP
http://[ip]:4430/titan/script/SetList/UnparkTracks
```

SetList.UpdateName

Updates the name of a track.

```
MACRO
Void UpdateName(Int32, System.String)
```

```
HTTP
http://[ip]:4430/titan/script/SetList/UpdateName
```

Parameters

- trackId:** The track id.
trackName: Name of the track.

SetList.UpdateNotes

```
MACRO
Void
UpdateNotes(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.TrackHandle], System.String)
HTTP
http://[ip]:4430/titan/script/SetList/UpdateNotes
```

3.62.2 SetList Properties**SetList.ActiveSetList**

Gets or sets the active set list. This is the last set list that was fired. It is not necessarily selected

```
MACRO
ActionScript.SetProperty(SetList.ActiveSetList,[value])
HTTP
http://[ip]:4430/titan/get/SetList/ActiveSetList
HTTP
POST /titan/set/SetList/ActiveSetList
```

SetList.ActiveTrack

Gets or sets the active track. This is the last track that was fired. It is not necessarily selected

```
MACRO
ActionScript.SetProperty(SetList.ActiveTrack,[value])
HTTP
http://[ip]:4430/titan/get/SetList/ActiveTrack
HTTP
POST /titan/set/SetList/ActiveTrack
```

SetList.BindPagesToSetList

Gets or sets a value indicating whether to bind the playback pages to the active set list.

```
MACRO
ActionScript.SetProperty(SetList.BindPagesToSetList,[value])
HTTP
http://[ip]:4430/titan/get/SetList/BindPagesToSetList
HTTP
POST /titan/set/SetList/BindPagesToSetList
```

SetList.ContextSetList

Gets or sets the context set list. This is the last selected track. At the moment we only really expect there to be one track selected at once but in future some operations such as move and delete may allow multiple selection

```
MACRO
ActionScript.SetProperty(SetList.ContextSetList,[value])
HTTP
http://[ip]:4430/titan/get/SetList/ContextSetList
HTTP
POST /titan/set/SetList/ContextSetList
```

SetList.ContextTrack

Gets or sets the context track. This is the last selected track. At the moment we only really expect there to be one track selected at once but in future some operations such as move and delete may allow multiple selection

MACRO

```
ActionScript.SetProperty(SetList.ContextTrack,[value])
```

HTTP

```
http://[ip]:4430/titan/get/SetList/ContextTrack
```

HTTP

```
POST /titan/set/SetList/ContextTrack
```

SetList.CurrentLegend

Gets or sets the current legend.

MACRO

```
ActionScript.SetProperty(SetList.CurrentLegend,[value])
```

HTTP

```
http://[ip]:4430/titan/get/SetList/CurrentLegend
```

HTTP

```
POST /titan/set/SetList/CurrentLegend
```

SetList.CurrentNote

Gets or sets the note text.

MACRO

```
ActionScript.SetProperty(SetList.CurrentNote,[value])
```

HTTP

```
http://[ip]:4430/titan/get/SetList/CurrentNote
```

HTTP

```
POST /titan/set/SetList/CurrentNote
```

SetList.EditMode

Gets or sets the edit mode.

MACRO

```
ActionScript.SetProperty(SetList.EditMode,[value])
```

HTTP

```
http://[ip]:4430/titan/get/SetList/EditMode
```

HTTP

```
POST /titan/set/SetList/EditMode
```

SetList.SelectedMacros

Gets or sets the selected macros.

MACRO

```
ActionScript.SetProperty(SetList.SelectedMacros,[value])
```

HTTP

```
http://[ip]:4430/titan/get/SetList/SelectedMacros
```

HTTP

```
POST /titan/set/SetList/SelectedMacros
```

SetList.SelectedSetLists

Gets or sets the currently selected set lists.

MACRO

```
ActionScript.SetProperty(SetList.SelectedSetLists,[value])
```

HTTP

```
http://[ip]:4430/titan/get/SetList/SelectedSetLists
```

```
HTTP
POST /titan/set/SetList/SelectedSetLists
```

SetList.SelectedTracks

Gets or sets the currently selected tracks.

```
MACRO
ActionScript.SetProperty(SetList.SelectedTracks,[value])
HTTP
http://[ip]:4430/titan/get/SetList/SelectedTracks
HTTP
POST /titan/set/SetList/SelectedTracks
```

SetList.SelectedWorkspace

```
MACRO
ActionScript.SetProperty(SetList.SelectedWorkspace,[value])
HTTP
http://[ip]:4430/titan/get/SetList/SelectedWorkspace
HTTP
POST /titan/set/SetList/SelectedWorkspace
```

SetList.SetListBuildTarget

```
MACRO
ActionScript.SetProperty(SetList.SetListBuildTarget,[value])
HTTP
http://[ip]:4430/titan/get/SetList/SetListBuildTarget
HTTP
POST /titan/set/SetList/SetListBuildTarget
```

3.63 ShapeFixtureOrder

3.63.1 ShapeFixtureOrder Methods

ShapeFixtureOrder.AllowAllFixtures

Allow all fixtures to be selected again

```
MACRO
Void ClearRestrictedSelection()
HTTP
http://[ip]:4430/titan/script/ShapeFixtureOrder/AllowAllFixtures
```

ShapeFixtureOrder.Clear

Clears the current selection but not Titan's programmer

```
MACRO
Void Clear()
HTTP
http://[ip]:4430/titan/script/ShapeFixtureOrder/Clear
```

ShapeFixtureOrder.ClearPatternSelect

Clears the selection pattern, has the effect of selecting everything

```
MACRO
Void ClearSelectionPattern()
HTTP
http://[ip]:4430/titan/script/ShapeFixtureOrder/ClearPatternSelect
```

ShapeFixtureOrder.GetSelectedFixtures

Gets the selected fixture handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedFixtures(System.String)

HTTP

http://[ip]:4430/titan/script/ShapeFixtureOrder/GetSelectedFixtures

Parameters

menuProperty: The menu property.

ShapeFixtureOrder.GetSelectedHandles

Gets the selected handles and assigns them to the specified menu property. This is the pattern filtered selection of handles.

MACRO

Void GetSelectedHandles(System.String)

HTTP

http://[ip]:4430/titan/script/ShapeFixtureOrder/GetSelectedHandles

Parameters

menuProperty: The menu property.

ShapeFixtureOrder.HighlightSelectedHandles

Sets the handles of all the selected fixtures to highlight so their LEDs pulse. Use ClearAllHighlights() to cancel this.

MACRO

Void HighlightSelectedHandles()

HTTP

http://[ip]:4430/titan/script/ShapeFixtureOrder/HighlightSelectedHandles

ShapeFixtureOrder.InvertPattern

Inverts the currently active pattern if there is one.

MACRO

Void InvertPattern()

HTTP

http://[ip]:4430/titan/script/ShapeFixtureOrder/InvertPattern

ShapeFixtureOrder.PatternJumpNext

Jumps the selection Patten right by the length of the pattern

MACRO

Void PatternJumpNext()

HTTP

http://[ip]:4430/titan/script/ShapeFixtureOrder/PatternJumpNext

ShapeFixtureOrder.PatternJumpPrevious

Jumps the selection Patten left by the length of the pattern

MACRO

Void PatternJumpPrevious()

HTTP

http://[ip]:4430/titan/script/ShapeFixtureOrder/PatternJumpPrevious

ShapeFixtureOrder.PatternNext

Moves the selection pattern one place to the right. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternNext()

HTTP

[http://\[ip\]:4430/titan/script/ShapeFixtureOrder/PatternNext](http://[ip]:4430/titan/script/ShapeFixtureOrder/PatternNext)

ShapeFixtureOrder.PatternPrevious

Moves the selection pattern one place to the left. If there is no selection pattern in force it sets it to be a single fixture

MACRO

Void PatternPrevious()

HTTP

[http://\[ip\]:4430/titan/script/ShapeFixtureOrder/PatternPrevious](http://[ip]:4430/titan/script/ShapeFixtureOrder/PatternPrevious)

ShapeFixtureOrder.PreviewClear

Clear preview flags. This exits preview selection if it is active and removes the Preview flag from any handles which have been touched.

MACRO

Void PreviewClear()

HTTP

[http://\[ip\]:4430/titan/script/ShapeFixtureOrder/PreviewClear](http://[ip]:4430/titan/script/ShapeFixtureOrder/PreviewClear)

ShapeFixtureOrder.PreviewSelectFixtures

MACRO

Void PreviewSelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])

HTTP

[http://\[ip\]:4430/titan/script/ShapeFixtureOrder/PreviewSelectFixtures](http://[ip]:4430/titan/script/ShapeFixtureOrder/PreviewSelectFixtures)

ShapeFixtureOrder.PreviewSetNewHandleSelection

MACRO

Void
PreviewSetNewSelection(System.Collections.Generic.IEnumerable`1
[Avolites.Titan.Controllers.Handles.Handle])

HTTP

[http://\[ip\]:4430/titan/script/ShapeFixtureOrder/PreviewSetNewHandleSelection](http://[ip]:4430/titan/script/ShapeFixtureOrder/PreviewSetNewHandleSelection)

ShapeFixtureOrder.SelectFixture

Selects a fixture by handle.

MACRO

Void SelectFixture(Avolites.Titan.Controllers.Handles.Handle)

HTTP

[http://\[ip\]:4430/titan/script/ShapeFixtureOrder/SelectFixture](http://[ip]:4430/titan/script/ShapeFixtureOrder/SelectFixture)

Parameters

handle: The handle.

ShapeFixtureOrder.SelectFixtures

MACRO

Void SelectFixtures(System.String,
System.Collections.Generic.List`1[System.Int32])

HTTP
[http://\[ip\]:4430/titan/script/ShapeFixtureOrder/SelectFixtures](http://[ip]:4430/titan/script/ShapeFixtureOrder/SelectFixtures)

ShapeFixtureOrder.SelectFixturesWithTitanIds

MACRO
 Void
 SelectFixturesWithTitanIds(System.Collections.Generic.IEnumerable`1[System.Int32])

HTTP
[http://\[ip\]:4430/titan/script/ShapeFixtureOrder/SelectFixturesWithTitanIds](http://[ip]:4430/titan/script/ShapeFixtureOrder/SelectFixturesWithTitanIds)

ShapeFixtureOrder.SetNewHandleSelection

MACRO
 Void
 SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle])

HTTP
[http://\[ip\]:4430/titan/script/ShapeFixtureOrder/SetNewHandleSelection](http://[ip]:4430/titan/script/ShapeFixtureOrder/SetNewHandleSelection)

ShapeFixtureOrder.SetNewSelection

MACRO
 Void
 SetNewSelection(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Custom.FixtureHandle])

HTTP
[http://\[ip\]:4430/titan/script/ShapeFixtureOrder/SetNewSelection](http://[ip]:4430/titan/script/ShapeFixtureOrder/SetNewSelection)

ShapeFixtureOrder.StartNewSelection

Sets the start new selection mode to true.

MACRO
 Void SetStartNewSelection()

HTTP
[http://\[ip\]:4430/titan/script/ShapeFixtureOrder/StartNewSelection](http://[ip]:4430/titan/script/ShapeFixtureOrder/StartNewSelection)

ShapeFixtureOrder.ValidateFixturesSelected

Throws an error which can be displayed in the menu to prompt the user that no fixtures are selected. You can call this function to determine whether fixtures are selected in menus that require a selection.

MACRO
 Void ValidateFixturesSelected()

HTTP
[http://\[ip\]:4430/titan/script/ShapeFixtureOrder/ValidateFixturesSelected](http://[ip]:4430/titan/script/ShapeFixtureOrder/ValidateFixturesSelected)

3.63.2 ShapeFixtureOrder Properties

ShapeFixtureOrder.ContextFixtureHandle

The context fixture is the last fixture which was selected. This fixture is used to determine which attribute controls are displayed to the user.

MACRO
 ActionScript.SetProperty(ShapeFixtureOrder.ContextFixtureHandle, [value])

```
HTTP
http://[ip]:4430/titan/get/ShapeFixtureOrder/ContextFixtureHandle
HTTP
POST /titan/set/ShapeFixtureOrder/ContextFixtureHandle
```

ShapeFixtureOrder.Empty

```
MACRO
ActionScript.SetProperty(ShapeFixtureOrder.Empty,[value])
HTTP
http://[ip]:4430/titan/get/ShapeFixtureOrder/Empty
HTTP
POST /titan/set/ShapeFixtureOrder/Empty
```

ShapeFixtureOrder.PatternSelect

Gets or sets a value indicating whether pattern select is enabled. NB Setting this wont change the pattern, use ClearPatternSelect instead.

```
MACRO
ActionScript.SetProperty(ShapeFixtureOrder.PatternSelect,[value])
HTTP
http://[ip]:4430/titan/get/ShapeFixtureOrder/PatternSelect
HTTP
POST /titan/set/ShapeFixtureOrder/PatternSelect
```

ShapeFixtureOrder.RepeatPattern

Gets or sets a value indicating whether to repeat the selection pattern in a loop.

```
MACRO
ActionScript.SetProperty(ShapeFixtureOrder.RepeatPattern,[value])
HTTP
http://[ip]:4430/titan/get/ShapeFixtureOrder/RepeatPattern
HTTP
POST /titan/set/ShapeFixtureOrder/RepeatPattern
```

3.64 ShapeFixtureView

3.64.1 ShapeFixtureView Methods

ShapeFixtureView.EnterPress

```
MACRO
Void EnterPress()
HTTP
http://[ip]:4430/titan/script/ShapeFixtureView/EnterPress
```

ShapeFixtureView.SetShapeFixtureOnOff

```
MACRO
Void SetShapeFixtureOnOff()
HTTP
http://[ip]:4430/titan/script/ShapeFixtureView/SetShapeFixtureOnOff
```


3.65 Shapes

3.65.1 Shapes Methods

Shapes.AddFixturesToShape

Adds the selected fixtures to the shape

```
MACRO
Void
AddFixturesToShape(Avolites.Titan.Controllers.Info.ShapeStateIn
fo)
HTTP
http://[ip]:4430/titan/script/Shapes/AddFixturesToShape
```

Shapes.DeleteSelectedFixtures

Deletes selected fixtures from a shape

```
MACRO
Void DeleteSelectedFixtures()
HTTP
http://[ip]:4430/titan/script/Shapes/DeleteSelectedFixtures
```

Shapes.DeSelectFixtures

```
MACRO
Void
DeSelectFixtures(System.Collections.Generic.IEnumerable`1[System.
Int32])
HTTP
http://[ip]:4430/titan/script/Shapes/DeSelectFixtures
```

Shapes.FixtureClick

Called when the user selects a fixture when in delete menu

```
MACRO
Void FixtureClick(Boolean)
HTTP
http://[ip]:4430/titan/script/Shapes/FixtureClick
```

Parameters

doubleTap: Whether this is the second selection of this fixture

Shapes.SelectShapeFixtures

```
MACRO
Void
SelectShapeFixtures(System.Collections.Generic.IEnumerable`1[System.
Int32])
HTTP
http://[ip]:4430/titan/script/Shapes/SelectShapeFixtures
```

Shapes.SetDeleteFlag

Sets a flag that allows fixtures to be deleted from a shape

```
MACRO
Void SetDeleteFlag(Boolean)
HTTP
http://[ip]:4430/titan/script/Shapes/SetDeleteFlag
```

Parameters

flag: The value of the flag

Shapes.SetFixtureHandleSelected

Sets FixtureHandlesSelected flag which is used as a page property in AddFixturesToShape menu

MACRO

Void SetFixtureHandleSelected()

HTTP

http://[ip]:4430/titan/script/Shapes/SetFixtureHandleSelected

3.65.2 Shapes Properties**Shapes.CurrentlySelectedShapeFixtures**

Stores a list of the fixtures currently selected for removal from shape

MACRO

ActionScript.SetProperty(Shapes.CurrentlySelectedShapeFixtures, [value])

HTTP

http://[ip]:4430/titan/get/Shapes/CurrentlySelectedShapeFixtures

HTTP

POST /titan/set/Shapes/CurrentlySelectedShapeFixtures

Shapes.CurrentShapeId

Stores the current shape Id - used to add and remove fixtures

MACRO

ActionScript.SetProperty(Shapes.CurrentShapeId, [value])

HTTP

http://[ip]:4430/titan/get/Shapes/CurrentShapeId

HTTP

POST /titan/set/Shapes/CurrentShapeId

Shapes.FixtureHandlesSelected

Gets and Sets the fixtureHandlesSelected property

MACRO

ActionScript.SetProperty(Shapes.FixtureHandlesSelected, [value])

HTTP

http://[ip]:4430/titan/get/Shapes/FixtureHandlesSelected

HTTP

POST /titan/set/Shapes/FixtureHandlesSelected

Shapes.LTPBehaviourEnabled

MACRO

ActionScript.SetProperty(Shapes.LTPBehaviourEnabled, [value])

HTTP

http://[ip]:4430/titan/get/Shapes/LTPBehaviourEnabled

HTTP

POST /titan/set/Shapes/LTPBehaviourEnabled

Shapes.SelectedFixtures

Gets or Sets the description of the selected shape fixtures

MACRO

ActionScript.SetProperty(Shapes.SelectedFixtures, [value])

HTTP

http://[ip]:4430/titan/get/Shapes/SelectedFixtures

HTTP

POST /titan/set/Shapes/SelectedFixtures

3.66 ShapeView

3.66.1 ShapeView Methods

ShapeView.EnterPress

MACRO

Void EnterPress()

HTTP

http://[ip]:4430/titan/script/ShapeView/EnterPress

3.67 Shell

3.67.1 Shell Methods

Shell.SetSessionStatus

MACRO

Void SetSessionStatus(StartupStates, System.String, Boolean, System.String, System.String)

HTTP

http://[ip]:4430/titan/script/Shell/SetSessionStatus

Shell.SetShowName

Sets the name of the show.

MACRO

Void SetShowName(System.String)

HTTP

http://[ip]:4430/titan/script/Shell/SetShowName

Parameters

value: The value.

3.68 Show

3.68.1 Show Methods

Show.AdvanceFade

Advances the fade when in manual mode by the specified amount of seconds.

MACRO

Void AdvanceFade(Single)

HTTP

http://[ip]:4430/titan/script/Show/AdvanceFade

Parameters

seconds: The amount in seconds to advance the fade.

Show.AutoSave.Update

Updates the menu visible settings for Auto Save with the Titan engine.

MACRO

Void UpdateAutoSave()

HTTP

http://[ip]:4430/titan/script/Show/AutoSave/Update

Show.ClearError

Clears the load error state

MACRO
Void ClearError()
HTTP
http://[ip]:4430/titan/script/Show/ClearError

Show.DeleteExistingVersions

Deletes all the versions of an existing show

MACRO
Void DeleteExistingVersions(System.String, Avolites.Acw.Titan.Show.AcwPathDeviceKey)
HTTP
http://[ip]:4430/titan/script/Show/DeleteExistingVersions

Parameters

- showName:** Name of the show.
- defaultShowDir:** The default show dir.

Show.DoesShowHaveMultipleVersions

Determines if there are multiple versions of a show available

MACRO
Boolean DoesShowHaveMultipleVersions(System.String)
HTTP
http://[ip]:4430/titan/script/Show/DoesShowHaveMultipleVersions

Parameters

- showName:** Name of the show.

Show.DoesShowNameExist

Sets the Show.FileExists property dependent on whether a show with the same name already exists in the specified directory

MACRO
Void DoesShowFileExist(System.String)
HTTP
http://[ip]:4430/titan/script/Show/DoesShowNameExist

Parameters

- showName:** Name of the show.

Show.DoesShowTagExist

Determines whether a tag with the same name exists for the specified show

MACRO
Void DoesShowTagExist(System.String, System.String)
HTTP
http://[ip]:4430/titan/script/Show/DoesShowTagExist

Parameters

- showName:** Name of the show.
- tag:** The tag.

Show.DriveList

Gets a list of the available save locations. These are the roots of any removable or network drives and the show file directory

MACRO
System.Collections.Generic.List`1[Avolites.Menus.MenuItem] DrivesList(Boolean)
HTTP
http://[ip]:4430/titan/script/Show/DriveList

Parameters

ignoreMaster: if set to

Returns

The list of menu items.

Show.DriveListOneSelected

Gets a list of the available save locations and selects the one with selected drive.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
DriveListOneSelected(Boolean,
Avolites.Acw.Titan.Show.AcwPathDeviceKey)
```

HTTP

```
http://[ip]:4430/titan/script/Show/DriveListOneSelected
```

Parameters

ignoreMaster: if set to

selectedDrive: The selected drive.

Returns

The list of menu items.

Show.LoadShow

Loads a show with a given show name.

MACRO

```
Void LoadShow(Avolites.Acw.Titan.Show.AcwPathDeviceKey)
```

HTTP

```
http://[ip]:4430/titan/script/Show/LoadShow
```

Parameters

showPath: The full path of the show to load.

Show.NewShow

Called by the menu to start a new show. The Titan engine is asked to start a new show.

MACRO

```
Void NewShow(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Show/NewShow
```

Show.QuickSave

Performs a save. This function will only save to the hard drive

MACRO

```
Void QuickSave(System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Show/QuickSave
```

Parameters

showName: Name of the show.

tag: The tag.

Show.RefreshShowList

Updates the show list by searching for new show files in the current path.

MACRO

```
Void RefreshShowList(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Show/RefreshShowList
```

Parameters

includeBinary: Whether to include binary show files in the search.

Show.ResetNewShow

Does a new show which wipes everything and resets to factory defaults. Ignores the state of the new show user settings

MACRO

Void ResetNewShow()

HTTP

http://[ip]:4430/titan/script/Show/ResetNewShow

Show.RetryLoadShow

Retries the last load show without dmx settings.

MACRO

Void RetryLoadShow()

HTTP

http://[ip]:4430/titan/script/Show/RetryLoadShow

Show.SaveAutoSave

Triggers an immediate auto save of the current show

MACRO

Void SaveAutoSave()

HTTP

http://[ip]:4430/titan/script/Show/SaveAutoSave

Show.SaveShow

Saves a show with the given show name. The titan engine is called to save the show.

MACRO

Void SaveShow(System.String, System.String, Avolites.Acw.Titan.Show.AcwPathDeviceKey)

HTTP

http://[ip]:4430/titan/script/Show/SaveShow

Parameters

showName: The name to be given to the show or the name of an existing show to update.

tag: The tag to give this version.

directory: The path of a directory to save the show in.

Show.SelectNext

Selects the previous show file.

MACRO

Void SelectNext()

HTTP

http://[ip]:4430/titan/script/Show/SelectNext

Show.SelectPrevious

Selects the next show file.

MACRO

Void SelectPrevious()

HTTP

http://[ip]:4430/titan/script/Show/SelectPrevious

Show.SetCurrentPathToShowDataPath

Sets the Current Path to the default local show data path.

MACRO

```
Void SetCurrentPathToShowDataPath()
```

HTTP

```
http://[ip]:4430/titan/script/Show/SetCurrentPathToShowDataPath
```

Show.ShowList

Provides the menu with a list of shows which could be loaded.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
ShowsList(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Show/ShowList
```

Returns

A list of shows in the current directory.

Show.ShowVersionList

Build a menu of show versions

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
ShowVersionList(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Show/ShowVersionList
```

Parameters

showName: Name of the show.

Show.StartUpdateFade

Starts all fade updates and takes Titan out of manual fade mode.

MACRO

```
Void StartUpdateFade()
```

HTTP

```
http://[ip]:4430/titan/script/Show/StartUpdateFade
```

Show.StopUpdateFade

Stops all fade updates and puts Titan in manual fade mode.

MACRO

```
Void StopUpdateFade()
```

HTTP

```
http://[ip]:4430/titan/script/Show/StopUpdateFade
```

Show.UpdateShowName

Updates the menu show name property with the name of the current show in the titan engine.

MACRO

```
Void UpdateShowName()
```

HTTP

```
http://[ip]:4430/titan/script/Show/UpdateShowName
```

Show.UpdateShowNameValid

Updates the state of show name valid property

MACRO

```
Void UpdateShowNameValid()
```

```
HTTP
http://[ip]:4430/titan/script/Show/UpdateShowNameValid
```

Show.UpdateShowSection

Called when the software is shutting down to allow us to save the show data to titan

```
MACRO
Void UpdateShowSection()
HTTP
http://[ip]:4430/titan/script/Show/UpdateShowSection
```

3.68.2 Show Properties

Show.AutoSave.Duration

Gets or sets the menu visible duration between auto saves.

```
MACRO
ActionScript.SetProperty(Show.AutoSave.Duration,[value])
HTTP
http://[ip]:4430/titan/get/Show/AutoSave/Duration
HTTP
POST /titan/set/Show/AutoSave/Duration
```

Show.AutoSave.Enabled

Gets or sets the menu visible property as to whether Auto Save is enabled or not.

```
MACRO
ActionScript.SetProperty(Show.AutoSave.Enabled,[value])
HTTP
http://[ip]:4430/titan/get/Show/AutoSave/Enabled
HTTP
POST /titan/set/Show/AutoSave/Enabled
```

Show.AutoSave.MaxCount

Gets or sets the maximum number of autosaves.

```
MACRO
ActionScript.SetProperty(Show.AutoSave.MaxCount,[value])
HTTP
http://[ip]:4430/titan/get/Show/AutoSave/MaxCount
HTTP
POST /titan/set/Show/AutoSave/MaxCount
```

Show.CurrentFiles

A list of show files in the current show path.

```
MACRO
ActionScript.SetProperty(Show.CurrentFiles,[value])
HTTP
http://[ip]:4430/titan/get/Show/CurrentFiles
HTTP
POST /titan/set/Show/CurrentFiles
```

Show.CurrentlySelectedShow

Gets or sets the currently selected show's file path.

```
MACRO
ActionScript.SetProperty(Show.CurrentlySelectedShow,[value])
```



```
HTTP
http://[ip]:4430/titan/get/Show/CurrentlySelectedShow
HTTP
POST /titan/set/Show/CurrentlySelectedShow
```

Show.CurrentPath

The show file directory and deviceId we are browsing.

```
MACRO
ActionScript.SetProperty(Show.CurrentPath,[value])
HTTP
http://[ip]:4430/titan/get/Show/CurrentPath
HTTP
POST /titan/set/Show/CurrentPath
```

Show.FileExists

Gets or sets whether the current show name exists.

```
MACRO
ActionScript.SetProperty(Show.FileExists,[value])
HTTP
http://[ip]:4430/titan/get/Show/FileExists
HTTP
POST /titan/set/Show/FileExists
```

Show.LoadError

Whether there are any show loading errors

```
MACRO
ActionScript.SetProperty(Show.LoadError,[value])
HTTP
http://[ip]:4430/titan/get/Show/LoadError
HTTP
POST /titan/set/Show/LoadError
```

Show.LoadingProgressInfo

Menu Property containing the most recent loading progress notification sent from Titan.

```
MACRO
ActionScript.SetProperty(Show.LoadingProgressInfo,[value])
HTTP
http://[ip]:4430/titan/get/Show/LoadingProgressInfo
HTTP
POST /titan/set/Show/LoadingProgressInfo
```

Show.LoadShow.LoadDmxSettings

Gets or sets a value indicating whether DMX settings should be loaded from the show file or left as they are on the console.

```
MACRO
ActionScript.SetProperty(Show.LoadShow.LoadDmxSettings,[value])
HTTP
http://[ip]:4430/titan/get/Show/LoadShow/LoadDmxSettings
HTTP
POST /titan/set/Show/LoadShow/LoadDmxSettings
```

Show.LoadState

The current state of the show loaded into Titan. Determines if a show is loaded or no show exists.

MACRO`ActionScript.SetProperty(Show.LoadState,[value])`**HTTP**`http://[ip]:4430/titan/get/Show/LoadState`**HTTP**`POST /titan/set/Show/LoadState`

Show.SaveShowName

Gets or sets the proposed name of a show to save.

MACRO`ActionScript.SetProperty(Show.SaveShowName,[value])`**HTTP**`http://[ip]:4430/titan/get/Show/SaveShowName`**HTTP**`POST /titan/set/Show/SaveShowName`

Show.ShowName

The name to be given to a show when it is saved.

MACRO`ActionScript.SetProperty(Show.ShowName,[value])`**HTTP**`http://[ip]:4430/titan/get/Show/ShowName`**HTTP**`POST /titan/set/Show/ShowName`

Show.ShowName.Empty

Gets or sets whether the current show name is empty.

MACRO`ActionScript.SetProperty(Show.ShowName.Empty,[value])`**HTTP**`http://[ip]:4430/titan/get/Show/ShowName/Empty`**HTTP**`POST /titan/set/Show/ShowName/Empty`

Show.ShowNameFilter

Gets or sets the show name filter.

MACRO`ActionScript.SetProperty(Show.ShowNameFilter,[value])`**HTTP**`http://[ip]:4430/titan/get/Show/ShowNameFilter`**HTTP**`POST /titan/set/Show/ShowNameFilter`

Show.ShowNameValid

Gets or sets whether the show name is valid (ie not equal to 'Unsaved Show')

MACRO`ActionScript.SetProperty(Show.ShowNameValid,[value])`**HTTP**`http://[ip]:4430/titan/get/Show/ShowNameValid`**HTTP**`POST /titan/set/Show/ShowNameValid`

Show.WipeDmxSettings

MACRO
ActionScript.SetProperty>Show.WipeDmxSettings,[value])
HTTP
http://[ip]:4430/titan/get/Show/WipeDmxSettings
HTTP
POST /titan/set/Show/WipeDmxSettings

3.69 ShowImport

3.69.1 ShowImport Methods

ShowImport.ClearSelection

Clears the selection.

MACRO
Void ClearSelection()
HTTP
http://[ip]:4430/titan/script/ShowImport/ClearSelection

ShowImport.DeleteImportedShow

Deletes an imported show from the show library window

MACRO
Void DeleteImportedShow(Avolites.Acw.Titan.Show.AcwShowImportInformation)
HTTP
http://[ip]:4430/titan/script/ShowImport/DeleteImportedShow

ShowImport.ImportProfile

Imports the selected profile into the current show.

MACRO
Void ImportProfile()
HTTP
http://[ip]:4430/titan/script/ShowImport/ImportProfile

ShowImport.ImportShowInfo

Imports a shows information with a given show name.

MACRO
Void ImportShowInformation(Avolites.Acw.Titan.Show.AcwPathDeviceKey)
HTTP
http://[ip]:4430/titan/script/ShowImport/ImportShowInfo

Parameters

path: The path.

ShowImport.ImportUser

Imports the selected user into the current show.

MACRO
Void ImportUser(Boolean)
HTTP
http://[ip]:4430/titan/script/ShowImport/ImportUser

Parameters

asNew: Whether to import as a new user or not. If not it will overwrite the current user

ShowImport.MoveSelection

Moves the selection.

MACRO

```
Void MoveSelection(System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/ShowImport/MoveSelection
```

Parameters

group: The group.

index: The index.

ShowImport.QuickImport

MACRO

Void

```
QuickImport(System.Collections.Generic.List`1[Avolites.Titan.Co  
ntrollers.Handles.Handle])
```

HTTP

```
http://[ip]:4430/titan/script/ShowImport/QuickImport
```

ShowImport.TransferHandles

Transfers the handles stored from the imported show to the current show.

MACRO

```
Void TransferHandles(System.String, Int32)
```

HTTP

```
http://[ip]:4430/titan/script/ShowImport/TransferHandles
```

Parameters

group: The group.

index: The index.

3.69.2 ShowImport Properties**ShowImport.CurrentlySelectedShow**

Gets or sets the currently selected show's file path.

MACRO

```
ActionScript.SetProperty(ShowImport.CurrentlySelectedShow, [valu  
e])
```

HTTP

```
http://[ip]:4430/titan/get/ShowImport/CurrentlySelectedShow
```

HTTP

```
POST /titan/set/ShowImport/CurrentlySelectedShow
```

ShowImport.DeleteFlag

MACRO

```
ActionScript.SetProperty(ShowImport.DeleteFlag, [value])
```

HTTP

```
http://[ip]:4430/titan/get/ShowImport/DeleteFlag
```

HTTP

```
POST /titan/set/ShowImport/DeleteFlag
```

ShowImport.DeleteValid

Flags if a selected show is allowed to be deleted This will be true for all shows except the non-imported current show

MACRO

```
ActionScript.SetProperty(ShowImport.DeleteValid, [value])
```

```
HTTP
http://[ip]:4430/titan/get/ShowImport/DeleteValid
HTTP
POST /titan/set/ShowImport/DeleteValid
```

ShowImport.ImportInProgress

```
MACRO
ActionScript.SetProperty(ShowImport.ImportInProgress,[value])
HTTP
http://[ip]:4430/titan/get/ShowImport/ImportInProgress
HTTP
POST /titan/set/ShowImport/ImportInProgress
```

ShowImport.ImportProfilesWithUser

```
MACRO
ActionScript.SetProperty(ShowImport.ImportProfilesWithUser,[value])
HTTP
http://[ip]:4430/titan/get/ShowImport/ImportProfilesWithUser
HTTP
POST /titan/set/ShowImport/ImportProfilesWithUser
```

ShowImport.SelectedItemLegend

```
MACRO
ActionScript.SetProperty(ShowImport.SelectedItemLegend,[value])
HTTP
http://[ip]:4430/titan/get/ShowImport/SelectedItemLegend
HTTP
POST /titan/set/ShowImport/SelectedItemLegend
```

ShowImport.SelectedShow

Gets or sets the selected show.

```
MACRO
ActionScript.SetProperty(ShowImport.SelectedShow,[value])
HTTP
http://[ip]:4430/titan/get/ShowImport/SelectedShow
HTTP
POST /titan/set/ShowImport/SelectedShow
```

ShowImport.SelectedShowName

Stores the name of the selected show

```
MACRO
ActionScript.SetProperty(ShowImport.SelectedShowName,[value])
HTTP
http://[ip]:4430/titan/get/ShowImport/SelectedShowName
HTTP
POST /titan/set/ShowImport/SelectedShowName
```

3.70 ShowLibrary

3.70.1 ShowLibrary Methods

ShowLibrary.ClearImportItemsHighlight

```
MACRO
Void ClearImportItemsHighlight()
```

HTTP
[http://\[ip\]:4430/titan/script/ShowLibrary/ClearImportItemsHighlight](http://[ip]:4430/titan/script/ShowLibrary/ClearImportItemsHighlight)

ShowLibrary.ClearMapping

MACRO
 Void ClearMapping()
 HTTP
[http://\[ip\]:4430/titan/script/ShowLibrary/ClearMapping](http://[ip]:4430/titan/script/ShowLibrary/ClearMapping)

ShowLibrary.DeselectAll

MACRO
 Void DeselectAll()
 HTTP
[http://\[ip\]:4430/titan/script/ShowLibrary/DeselectAll](http://[ip]:4430/titan/script/ShowLibrary/DeselectAll)

ShowLibrary.DisplayImportedProfile

MACRO
 Void DisplayImportedProfile(Int32)
 HTTP
[http://\[ip\]:4430/titan/script/ShowLibrary/DisplayImportedProfile](http://[ip]:4430/titan/script/ShowLibrary/DisplayImportedProfile)

ShowLibrary.RowDown

MACRO
 Void MoveSelectionRowDown()
 HTTP
[http://\[ip\]:4430/titan/script/ShowLibrary/RowDown](http://[ip]:4430/titan/script/ShowLibrary/RowDown)

ShowLibrary.RowUp

MACRO
 Void MoveSelectionRowUp()
 HTTP
[http://\[ip\]:4430/titan/script/ShowLibrary/RowUp](http://[ip]:4430/titan/script/ShowLibrary/RowUp)

ShowLibrary.SelectAll

MACRO
 Void SelectAll()
 HTTP
[http://\[ip\]:4430/titan/script/ShowLibrary/SelectAll](http://[ip]:4430/titan/script/ShowLibrary/SelectAll)

ShowLibrary.SelectHandle

MACRO
 Void SelectByHandle(Avolites.Titan.Controllers.Handles.Handle)
 HTTP
[http://\[ip\]:4430/titan/script/ShowLibrary/SelectHandle](http://[ip]:4430/titan/script/ShowLibrary/SelectHandle)

ShowLibrary.SetClearMappingMode

MACRO
 Void SetClearMappingMode(Boolean)
 HTTP
[http://\[ip\]:4430/titan/script/ShowLibrary/SetClearMappingMode](http://[ip]:4430/titan/script/ShowLibrary/SetClearMappingMode)

ShowLibrary.WheelNext

MACRO
 Void WheelNext(Int32)
 HTTP
[http://\[ip\]:4430/titan/script/ShowLibrary/WheelNext](http://[ip]:4430/titan/script/ShowLibrary/WheelNext)

ShowLibrary.WheelPrevious

MACRO

Void WheelPrevious(Int32)

HTTP

http://[ip]:4430/titan/script/ShowLibrary/WheelPrevious

3.71 System**3.71.1 System Methods****System.BrowseForFolderForToken**

Browses for folder to save token file to.

MACRO

Void BrowseForFolderForToken(System.String)

HTTP

http://[ip]:4430/titan/script/System/BrowseForFolderForToken

Parameters**propertyId**: The property identifier.**System.GetDrivesListForTokens**

Gets a list of drive menu items that can be used to select a destination to save to.

MACRO

System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
GetDrivesListForTokens()

HTTP

http://[ip]:4430/titan/script/System/GetDrivesListForTokens

Returns

A list of menu items.

System.IsProgramMode

Determines whether the console is in program mode.

MACRO

Boolean IsProgramMode()

HTTP

http://[ip]:4430/titan/script/System/IsProgramMode

System.LockConsole

Puts the console in the locked state and sets the current password.

MACRO

Void LockConsole(System.String)

HTTP

http://[ip]:4430/titan/script/System/LockConsole

Parameters**lockCode**: The code required to unlock the console.**System.RefreshDeskMode**

Set the desk mode from the state of the keyswitch

MACRO

Void RefreshDeskMode()

HTTP

http://[ip]:4430/titan/script/System/RefreshDeskMode

System.RefreshKeyProfile

Menu accessible function to enable flash and swop

MACRO
Void SetFlashAndSwopFunctions()
HTTP
http://[ip]:4430/titan/script/System/RefreshKeyProfile

System.ToggleMode

Toggles the system mode between run and program.

MACRO
Void ToggleMode()
HTTP
http://[ip]:4430/titan/script/System/ToggleMode

System.TryImportLicense

Tries to import license from token file on removable or network drives.

MACRO
Void TryImportLicense(System.String)
HTTP
http://[ip]:4430/titan/script/System/TryImportLicense

Parameters

propertyId: The property to store the unlock code in.

System.UnlockConsole

Takes the console out of the locked state.

MACRO
Boolean UnlockConsole(System.String)
HTTP
http://[ip]:4430/titan/script/System/UnlockConsole

Parameters

password: The password required to unlock the console.

System.UpdateConnected

Updates the Peripheral enabled property from the System.Peripheral.ConnectionMode and Panel.Peripheral.Connected properties.

MACRO
Void UpdatePeripheralEnabled(System.String, Boolean)
HTTP
http://[ip]:4430/titan/script/System/UpdateConnected

3.71.2 System Properties**System.DeskMode**

The current run mode of the desk

MACRO
ActionScript.SetProperty(System.DeskMode, [value])
HTTP
http://[ip]:4430/titan/get/System/DeskMode
HTTP
POST /titan/set/System/DeskMode

System.ExpertWing.ConnectionMode

MACRO
ActionScript.SetProperty(System.ExpertWing.ConnectionMode, [value])

HTTP
http://[ip]:4430/titan/get/System/ExpertWing/ConnectionMode
HTTP
POST /titan/set/System/ExpertWing/ConnectionMode

System.ExpertWing.Enabled

MACRO
ActionScript.SetProperty(System.ExpertWing.Enabled,[value])
HTTP
http://[ip]:4430/titan/get/System/ExpertWing/Enabled
HTTP
POST /titan/set/System/ExpertWing/Enabled

System.ExternalDisplay.Enabled

Gets or sets a value indicating whether the external display enabled.

MACRO
ActionScript.SetProperty(System.ExternalDisplay.Enabled,[value])
HTTP
http://[ip]:4430/titan/get/System/ExternalDisplay/Enabled
HTTP
POST /titan/set/System/ExternalDisplay/Enabled

System.ModeMainMenu

The name of the root menu for the current mode. This has to be Expert.Root.

MACRO
ActionScript.SetProperty(System.ModeMainMenu,[value])
HTTP
http://[ip]:4430/titan/get/System/ModeMainMenu
HTTP
POST /titan/set/System/ModeMainMenu

System.PCEditorMode

MACRO
ActionScript.SetProperty(System.PCEditorMode,[value])
HTTP
http://[ip]:4430/titan/get/System/PCEditorMode
HTTP
POST /titan/set/System/PCEditorMode

System.SapphireWingA.ConnectionMode

MACRO
ActionScript.SetProperty(System.SapphireWingA.ConnectionMode,[value])
HTTP
http://[ip]:4430/titan/get/System/SapphireWingA/ConnectionMode
HTTP
POST /titan/set/System/SapphireWingA/ConnectionMode

System.SapphireWingA.Enabled

Gets or sets a value indicating whether the SapphireWingA enabled. This is the value everything should use to determine any choice based on whether a wing is connected or not.

MACRO
ActionScript.SetProperty(System.SapphireWingA.Enabled,[value])

```

HTTP
http://[ip]:4430/titan/get/System/SapphireWingA/Enabled
HTTP
POST /titan/set/System/SapphireWingA/Enabled

```

System.SapphireWingB.ConnectionMode

```

MACRO
ActionScript.SetProperty(System.SapphireWingB.ConnectionMode,[value])
HTTP
http://[ip]:4430/titan/get/System/SapphireWingB/ConnectionMode
HTTP
POST /titan/set/System/SapphireWingB/ConnectionMode

```

System.SapphireWingB.Enabled

Gets or sets a value indicating whether the SapphireWingB enabled. This is the value everything should use to determine any choice based on whether a wing is connected or not.

```

MACRO
ActionScript.SetProperty(System.SapphireWingB.Enabled,[value])
HTTP
http://[ip]:4430/titan/get/System/SapphireWingB/Enabled
HTTP
POST /titan/set/System/SapphireWingB/Enabled

```

System.SoftwareVersion

Gets or sets the main system software version.

```

MACRO
ActionScript.SetProperty(System.SoftwareVersion,[value])
HTTP
http://[ip]:4430/titan/get/System/SoftwareVersion
HTTP
POST /titan/set/System/SoftwareVersion

```

3.72 TextEditor

3.72.1 TextEditor Methods

TextEditor.Clear

```

MACRO
Void Clear()
HTTP
http://[ip]:4430/titan/script/TextEditor/Clear

```

TextEditor.CurrentTextProperty

```

MACRO
System.String CurrentTextProperty()
HTTP
http://[ip]:4430/titan/script/TextEditor/CurrentTextProperty

```

TextEditor.DeleteCursorToEol

```

MACRO
Void DeleteCursorToEol()
HTTP
http://[ip]:4430/titan/script/TextEditor/DeleteCursorToEol

```

TextEditor.DeleteLeft

MACRO

Void DeleteLeft()

HTTP

[http://\[ip\]:4430/titan/script/TextEditor/DeleteLeft](http://[ip]:4430/titan/script/TextEditor/DeleteLeft)**TextEditor.DeleteRight**

MACRO

Void DeleteRight()

HTTP

[http://\[ip\]:4430/titan/script/TextEditor/DeleteRight](http://[ip]:4430/titan/script/TextEditor/DeleteRight)**TextEditor.DeleteStartToCursor**

MACRO

Void DeleteStartToCursor()

HTTP

[http://\[ip\]:4430/titan/script/TextEditor/DeleteStartToCursor](http://[ip]:4430/titan/script/TextEditor/DeleteStartToCursor)**TextEditor.EnterPressed**

MACRO

Void EnterPressed()

HTTP

[http://\[ip\]:4430/titan/script/TextEditor/EnterPressed](http://[ip]:4430/titan/script/TextEditor/EnterPressed)**TextEditor.InjectNumericKey**

MACRO

Void InjectNumericKey(Int32)

HTTP

[http://\[ip\]:4430/titan/script/TextEditor/InjectNumericKey](http://[ip]:4430/titan/script/TextEditor/InjectNumericKey)**TextEditor.InsertText**

MACRO

Void InsertText(System.String)

HTTP

[http://\[ip\]:4430/titan/script/TextEditor/InsertText](http://[ip]:4430/titan/script/TextEditor/InsertText)**TextEditor.MoveCursorLeft**

MACRO

Void MoveCursorLeft()

HTTP

[http://\[ip\]:4430/titan/script/TextEditor/MoveCursorLeft](http://[ip]:4430/titan/script/TextEditor/MoveCursorLeft)**TextEditor.MoveCursorRight**

MACRO

Void MoveCursorRight()

HTTP

[http://\[ip\]:4430/titan/script/TextEditor/MoveCursorRight](http://[ip]:4430/titan/script/TextEditor/MoveCursorRight)**TextEditor.MoveCursorToEnd**

MACRO

Void MoveCursorToEnd()

HTTP

[http://\[ip\]:4430/titan/script/TextEditor/MoveCursorToEnd](http://[ip]:4430/titan/script/TextEditor/MoveCursorToEnd)**TextEditor.MoveCursorToStart**

MACRO

Void MoveCursorToStart()

```
HTTP
http://[ip]:4430/titan/script/TextEditor/MoveCursorToStart
```

TextEditor.SelectAll

```
MACRO
Void SelectAll()
HTTP
http://[ip]:4430/titan/script/TextEditor/SelectAll
```

3.72.2 TextEditor Properties

TextEditor.TextEntryFocused

```
MACRO
ActionScript.SetProperty(TextEditor.TextEntryFocused,[value])
HTTP
http://[ip]:4430/titan/get/TextEditor/TextEntryFocused
HTTP
POST /titan/set/TextEditor/TextEntryFocused
```

3.73 Timecode

3.73.1 Timecode Methods

Timecode.AssignTimecode

Sets the timecode for the next step of the specified cue list to the live timecode value.

```
MACRO
Void AssignTimecode(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Timecode/AssignTimecode
```

Parameters

handle: The handle of the cue list to set the timecode on.

Timecode.Fill

Updates all the menu properties with the latest values from Titan.

```
MACRO
Void FillTimecodeProperties()
HTTP
http://[ip]:4430/titan/script/Timecode/Fill
```

Timecode.SetCueTimecode

Sets the timecode for a cue in the given playback.

```
MACRO
Void SetCueTimecode(Avolites.Titan.Controllers.Handles.Handle,
Int32, Avolites.Acw.Titan.TimecodeTime)
HTTP
http://[ip]:4430/titan/script/Timecode/SetCueTimecode
```

Parameters

handle: The handle of the playback containing a Cue List

cueId: The id of the cue to update.

time: The new timecode to set the cue to.

Timecode.SetCueTimecodeWithCueNumber

Sets the timecode for a cue in the given playback.

```

MACRO
Void
SetCueTimecodeWithCueNumber(Avolites.Titan.Controllers.Handles.
Handle, Single, Avolites.Acw.Titan.TimecodeTime)
HTTP
http://[ip]:4430/titan/script/Timecode/SetCueTimecodeWithCueNum
ber

```

Parameters

handle: The handle of the playback containing a Cue List
cueNumber: The cue number of the cue to update.
time: The new timecode to set the cue to.

Timecode.SetEnabled

Sets whether the timer is enabled in Titan.

```

MACRO
Void SetEnabled(Boolean)
HTTP
http://[ip]:4430/titan/script/Timecode/SetEnabled

```

Parameters

enabled: Whether to enable or disable the timers.

Timecode.SetSource

Sets the active timer source in Titan.

```

MACRO
Void SetSource(Avolites.Acw.Titan.AcwTimecodeSource)
HTTP
http://[ip]:4430/titan/script/Timecode/SetSource

```

Parameters

source:

Timecode.SetStartTime

Sets the start time for a timer in Titan.

```

MACRO
Void SetStartTime(Avolites.Acw.Titan.TimecodeTime)
HTTP
http://[ip]:4430/titan/script/Timecode/SetStartTime

```

Parameters

time: The time to start counting at for the timer.

Timecode.Timer.AddLiveTimeListener

Starts the updating of the live time.

```

MACRO
Void AddLiveTimeListener(System.String)
HTTP
http://[ip]:4430/titan/script/Timecode/Timer/AddLiveTimeListene
r

```

Parameters

listenerId: The listener ID.

Timecode.Timer.Pause

Pauses the timecode timer in Titan.

```

MACRO
Void PauseTimer()

```

```
HTTP
http://[ip]:4430/titan/script/Timecode/Timer/Pause
```

Timecode.Timer.Play

Starts the timecode timer in Titan.

```
MACRO
Void PlayTimer()
HTTP
http://[ip]:4430/titan/script/Timecode/Timer/Play
```

Timecode.Timer.RemoveLiveTimeListener

Stops the updating of the live time. Call this to stop updating after has been called.

```
MACRO
Void RemoveLiveTimeListener(System.String)
HTTP
http://[ip]:4430/titan/script/Timecode/Timer/RemoveLiveTimeList
ener
```

Parameters

listenerId: The listener ID.

Timecode.Timer.Reset

Resets the timer to zero in Titan.

```
MACRO
Void ResetTimer()
HTTP
http://[ip]:4430/titan/script/Timecode/Timer/Reset
```

3.73.2 Timecode Properties**Timecode.AvailableSources**

```
MACRO
ActionScript.SetProperty(Timecode.AvailableSources,[value])
HTTP
http://[ip]:4430/titan/get/Timecode/AvailableSources
HTTP
POST /titan/set/Timecode/AvailableSources
```

Timecode.Edit.SelectionWidth

Gets or sets the number of cues being edited bellow the currently selected cue.

```
MACRO
ActionScript.SetProperty(Timecode.Edit.SelectionWidth,[value])
HTTP
http://[ip]:4430/titan/get/Timecode/Edit/SelectionWidth
HTTP
POST /titan/set/Timecode/Edit/SelectionWidth
```

Timecode.Enabled

Gets or sets the timer enabled in the menu.

```
MACRO
ActionScript.SetProperty(Timecode.Enabled,[value])
HTTP
http://[ip]:4430/titan/get/Timecode/Enabled
```

```
HTTP
POST /titan/set/Timecode/Enabled
```

Timecode.FrameRate

Gets or sets the cue timecode offset.

```
MACRO
ActionScript.SetProperty(Timecode.FrameRate,[value])
HTTP
http://[ip]:4430/titan/get/Timecode/FrameRate
HTTP
POST /titan/set/Timecode/FrameRate
```

Timecode.IsControlAllowed

Gets or sets whether control of a source is allowed in the menu.

```
MACRO
ActionScript.SetProperty(Timecode.IsControlAllowed,[value])
HTTP
http://[ip]:4430/titan/get/Timecode/IsControlAllowed
HTTP
POST /titan/set/Timecode/IsControlAllowed
```

Timecode.KillOutOfRangePlaybacks

Gets or sets a value indicating whether [killOutOfRangePlaybacks].

```
MACRO
ActionScript.SetProperty(Timecode.KillOutOfRangePlaybacks,[value])
HTTP
http://[ip]:4430/titan/get/Timecode/KillOutOfRangePlaybacks
HTTP
POST /titan/set/Timecode/KillOutOfRangePlaybacks
```

Timecode.Midi.EnableGlitchDetect

Gets or sets a value indicating whether [enable glitch detection].

```
MACRO
ActionScript.SetProperty(Timecode.Midi.EnableGlitchDetect,[value])
HTTP
http://[ip]:4430/titan/get/Timecode/Midi/EnableGlitchDetect
HTTP
POST /titan/set/Timecode/Midi/EnableGlitchDetect
```

Timecode.Midi.GlitchTimeout

Gets or sets the glitch timeout.

```
MACRO
ActionScript.SetProperty(Timecode.Midi.GlitchTimeout,[value])
HTTP
http://[ip]:4430/titan/get/Timecode/Midi/GlitchTimeout
HTTP
POST /titan/set/Timecode/Midi/GlitchTimeout
```

Timecode.Midi.GlitchTolerance

Gets or sets the glitch tolerance.

```
MACRO
ActionScript.SetProperty(Timecode.Midi.GlitchTolerance,[value])
```

```
HTTP
http://[ip]:4430/titan/get/Timecode/Midi/GlitchTolerance
HTTP
POST /titan/set/Timecode/Midi/GlitchTolerance
```

Timecode.Record

Gets or sets whether recording the timecode is enabled for a cue list.

```
MACRO
ActionScript.SetProperty(Timecode.Record,[value])
HTTP
http://[ip]:4430/titan/get/Timecode/Record
HTTP
POST /titan/set/Timecode/Record
```

Timecode.Source

Gets or sets the current timecode source in the menu.

```
MACRO
ActionScript.SetProperty(Timecode.Source,[value])
HTTP
http://[ip]:4430/titan/get/Timecode/Source
HTTP
POST /titan/set/Timecode/Source
```

Timecode.StartTime

Gets or sets the start time when manual clock is selected.

```
MACRO
ActionScript.SetProperty(Timecode.StartTime,[value])
HTTP
http://[ip]:4430/titan/get/Timecode/StartTime
HTTP
POST /titan/set/Timecode/StartTime
```

Timecode.Timer.LiveTime

Gets or sets the live time string in the menu.

```
MACRO
ActionScript.SetProperty(Timecode.Timer.LiveTime,[value])
HTTP
http://[ip]:4430/titan/get/Timecode/Timer/LiveTime
HTTP
POST /titan/set/Timecode/Timer/LiveTime
```

Timecode.Timer.Paused

Gets or sets the timer paused property in the menu.

```
MACRO
ActionScript.SetProperty(Timecode.Timer.Paused,[value])
HTTP
http://[ip]:4430/titan/get/Timecode/Timer/Paused
HTTP
POST /titan/set/Timecode/Timer/Paused
```


3.74 Titan

3.74.1 Titan Methods

Titan.Backup.RefreshSettings

Updates the backup security settings for display in the menu.

```
MACRO
Void RefreshBackupSettings()
HTTP
http://[ip]:4430/titan/script/Titan/Backup/RefreshSettings
```

Titan.ConnectNetworkBackup

Connects Titan as a backup server

```
MACRO
Void ConnectNetworkBackup(System.String)
HTTP
http://[ip]:4430/titan/script/Titan/ConnectNetworkBackup
```

Parameters

deviceId: The device id of the device to backup.

Titan.ConnectToLocalMaster

Connects or reconnects to the local Titan session if possible.

```
MACRO
Void ConnectToLocalMaster()
HTTP
http://[ip]:4430/titan/script/Titan/ConnectToLocalMaster
```

Titan.ConnectToSession

Connects to a different Titan server/session.

```
MACRO
Void ConnectToRemoteMasterSession(System.String, Boolean)
HTTP
http://[ip]:4430/titan/script/Titan/ConnectToSession
```

Parameters

sessionId: The session unique identifier.

doBackup: if set to

Titan.HasLocalServerGotConnectedClients

Determines whether the local server has any connected clients that are not us.

```
MACRO
Boolean HasLocalServerGotConnectedClients()
HTTP
http://[ip]:4430/titan/script/Titan/HasLocalServerGotConnectedClients
```

Titan.IsLocalServerDoingBackup

Determines whether the local server is doing backup.

```
MACRO
Boolean IsLocalServerDoingBackup()
HTTP
http://[ip]:4430/titan/script/Titan/IsLocalServerDoingBackup
```

Titan.LeaveBackup

Leaves the backup session.

MACRO

Void LeaveBackup(Boolean)

HTTP

http://[ip]:4430/titan/script/Titan/LeaveBackup

Parameters**clearShow:** if set to**Titan.LeaveBackupLocal**

Tells the local engine to take over an then connects to it

MACRO

Void LeaveBackupLocal()

HTTP

http://[ip]:4430/titan/script/Titan/LeaveBackupLocal

Titan.NetworkMasterServers

Gets a list of the master servers we can see on the network

MACRO

System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
NetworkMasterServers()

HTTP

http://[ip]:4430/titan/script/Titan/NetworkMasterServers

Titan.Reset

Resets the server's and optionally to their default values. This is achieved by setting the empty string or black colours to Titan, which are not permitted.

MACRO

Void Reset(Boolean)

HTTP

http://[ip]:4430/titan/script/Titan/Reset

Parameters**clearLegend:** if set to**Titan.RestartTitanNetDiscovery**

Resets the discovery process and starts it again with the current IP ranges

MACRO

Void RestartDiscovery()

HTTP

http://[ip]:4430/titan/script/Titan/RestartTitanNetDiscovery

Titan.SaveLocalDeviceColour

Commits the currently selected colour defined by to this local server's registry via Titan.

MACRO

Void SaveLocalDeviceColour(Avolites.Acw.Titan.AcwColour)

HTTP

http://[ip]:4430/titan/script/Titan/SaveLocalDeviceColour

Parameters**newColour:** The new colour.**Titan.SaveLocalDeviceLegend**

Commits the currently defined text in to this node's registry via Titan.

MACRO

Void SaveLocalDeviceLegend(System.String)

HTTP

http://[ip]:4430/titan/script/Titan/SaveLocalDeviceLegend

Parameters

newLegend: The new legend.

Titan.SetSafeMode

Instruct the Titan Engine to enable or disable DMX

MACRO

Void SetSafeMode(Boolean)

HTTP

http://[ip]:4430/titan/script/Titan/SetSafeMode

Parameters

safeMode: if set to

Titan.Shutdown

Shuts down Titan one

MACRO

Void Shutdown()

HTTP

http://[ip]:4430/titan/script/Titan/Shutdown

Titan.StartPollingTitanNet

Refreshes the server list.

MACRO

Void StartPollingTitanNet()

HTTP

http://[ip]:4430/titan/script/Titan/StartPollingTitanNet

Titan.StopPollingTitanNet

Stops SLP polling.

MACRO

Void StopPollingTitanNet()

HTTP

http://[ip]:4430/titan/script/Titan/StopPollingTitanNet

Titan.SyncNow

Request a sync.

MACRO

Void SyncNow()

HTTP

http://[ip]:4430/titan/script/Titan/SyncNow

Titan.SyncNowLocal

Request a sync.

MACRO

Void SyncNowLocal()

HTTP

http://[ip]:4430/titan/script/Titan/SyncNowLocal

Titan.TakeOverLocal

Tells the local engine to take over an then connects to it

MACRO

Void TakeOverLocal()

```
HTTP
http://[ip]:4430/titan/script/Titan/TakeOverLocal
```

Titan.TakeoverMaster

Takes over as the master.

```
MACRO
Void TakeoverMaster()
HTTP
http://[ip]:4430/titan/script/Titan/TakeoverMaster
```

Titan.TerminateSession

Terminates the session and kicks off all connected clients (including us) We will auto-reconnect to our local master.

```
MACRO
Void TerminateSession()
HTTP
http://[ip]:4430/titan/script/Titan/TerminateSession
```

3.74.2 Titan Properties**Titan.ActiveSessionId**

```
MACRO
ActionScript.SetProperty(Titan.ActiveSessionId,[value])
HTTP
http://[ip]:4430/titan/get/Titan/ActiveSessionId
HTTP
POST /titan/set/Titan/ActiveSessionId
```

Titan.Backup.BlockNewConnections

Gets or sets whether the server is configured to block backup connections.

```
MACRO
ActionScript.SetProperty(Titan.Backup.BlockNewConnections,[value])
HTTP
http://[ip]:4430/titan/get/Titan/Backup/BlockNewConnections
HTTP
POST /titan/set/Titan/Backup/BlockNewConnections
```

Titan.BackupTargetLegend

```
MACRO
ActionScript.SetProperty(Titan.BackupTargetLegend,[value])
HTTP
http://[ip]:4430/titan/get/Titan/BackupTargetLegend
HTTP
POST /titan/set/Titan/BackupTargetLegend
```

Titan.ConnectedToLocal

Gets or sets a value indicating whether connected automatic local.

```
MACRO
ActionScript.SetProperty(Titan.ConnectedToLocal,[value])
HTTP
http://[ip]:4430/titan/get/Titan/ConnectedToLocal
HTTP
POST /titan/set/Titan/ConnectedToLocal
```

Titan.DeviceInfo

MACRO
ActionScript.SetProperty(Titan.DeviceInfo,[value])
HTTP
http://[ip]:4430/titan/get/Titan/DeviceInfo
HTTP
POST /titan/set/Titan/DeviceInfo

Titan.DeviceLegend

Gets or sets the name the active session device. Beware! This is the device that we're connected to, it may be the console the panel software is running on but if this panel is connected to a remote server it will be the legend of that device!

MACRO
ActionScript.SetProperty(Titan.DeviceLegend,[value])
HTTP
http://[ip]:4430/titan/get/Titan/DeviceLegend
HTTP
POST /titan/set/Titan/DeviceLegend

Titan.DeviceServerMode

MACRO
ActionScript.SetProperty(Titan.DeviceServerMode,[value])
HTTP
http://[ip]:4430/titan/get/Titan/DeviceServerMode
HTTP
POST /titan/set/Titan/DeviceServerMode

Titan.DmxOutputEnabled

MACRO
ActionScript.SetProperty(Titan.DmxOutputEnabled,[value])
HTTP
http://[ip]:4430/titan/get/Titan/DmxOutputEnabled
HTTP
POST /titan/set/Titan/DmxOutputEnabled

Titan.DoBackup

Gets or sets a value indicating whether connected automatic local.

MACRO
ActionScript.SetProperty(Titan.DoBackup,[value])
HTTP
http://[ip]:4430/titan/get/Titan/DoBackup
HTTP
POST /titan/set/Titan/DoBackup

Titan.HasConnectedSlaves

MACRO
ActionScript.SetProperty(Titan.HasConnectedSlaves,[value])
HTTP
http://[ip]:4430/titan/get/Titan/HasConnectedSlaves
HTTP
POST /titan/set/Titan/HasConnectedSlaves

Titan.LocalDeviceColour

Gets or sets the device colour, this is used to represent this device in network views.

MACRO

```
ActionScript.SetProperty(Titan.LocalDeviceColour,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Titan/LocalDeviceColour
```

HTTP

```
POST /titan/set/Titan/LocalDeviceColour
```

Titan.LocalDeviceLegend

Gets or sets the name the local session device.

MACRO

```
ActionScript.SetProperty(Titan.LocalDeviceLegend,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Titan/LocalDeviceLegend
```

HTTP

```
POST /titan/set/Titan/LocalDeviceLegend
```

Titan.LocalDeviceRdmId

MACRO

```
ActionScript.SetProperty(Titan.LocalDeviceRdmId,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Titan/LocalDeviceRdmId
```

HTTP

```
POST /titan/set/Titan/LocalDeviceRdmId
```

Titan.SelectedSessionId

MACRO

```
ActionScript.SetProperty(Titan.SelectedSessionId,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Titan/SelectedSessionId
```

HTTP

```
POST /titan/set/Titan/SelectedSessionId
```

Titan.StartState

The current startup state of Titan. Whether titan is running or not.

MACRO

```
ActionScript.SetProperty(Titan.StartState,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Titan/StartState
```

HTTP

```
POST /titan/set/Titan/StartState
```

3.75 Triggers

3.75.1 Triggers Methods

Triggers.AddAudioTrigger

Adds an audio trigger the the specified trigger map.

MACRO

```
Void AddAudioTrigger(Int32,  
Avolites.Titan.Controllers.Console.Triggers.TriggerTargetData,  
Int32, Int32, Int32, Boolean)
```

HTTP

`http://[ip]:4430/titan/script/Triggers/AddAudioTrigger`**Parameters**

- mappingId**: The trigger mapping to add this trigger to.
- targetData**: The item to be triggered.
- panelIndex**: The index of the USB panel to listen to.
- frequencyBand**: The audio frequency band to trigger from.
- threshold**: Not Used
- useLevelMatching**: Not Used

Triggers.AddDmxTrigger

Adds a DMX trigger.

MACRO

```
Void AddDmxTrigger(Int32,
Avolites.Titan.Controllers.Console.Triggers.TriggerTargetData,
Int32, Int32, Int32, Int32, Boolean)
```

HTTP

`http://[ip]:4430/titan/script/Triggers/AddDmxTrigger`**Parameters**

- mappingId**: The mapping id.
- targetData**: The target data.
- panelIndex**: Index of the panel.
- portIndex**: Index of the port.
- address**: The address.
- threshold**: The threshold.
- useLevelMatching**: if set to

Triggers.AddGPIOTrigger

Adds the gpio trigger.

MACRO

```
Void AddGPIOTrigger(Int32,
Avolites.Titan.Controllers.Console.Triggers.TriggerTargetData,
System.String, Int32, Boolean, Boolean)
```

HTTP

`http://[ip]:4430/titan/script/Triggers/AddGPIOTrigger`**Parameters**

- mappingId**: The mapping identifier.
- targetData**: The target data.
- group**: The group.
- pin**: The pin.
- invert**: if set to
- useLevelMatching**: if set to

Triggers.AddMapping

Adds a new mapping. Optionally copying a source mapping.

MACRO

```
Void AddMapping(System.String, Int32)
```

HTTP

`http://[ip]:4430/titan/script/Triggers/AddMapping`**Parameters**

- name**: The name.
- sourceId**: The source id.

Triggers.AddMidiTrigger

Adds a midi trigger.

MACRO

```
Void AddMidiTrigger(Int32,
Avolites.Titan.Controllers.Console.Triggers.TriggerTargetData,
Int32, Avolites.Titan.Controllers.Console.PanelMidiCommands,
Int32, Int32, Int32, Int32, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/AddMidiTrigger
```

Parameters

mappingId: The mapping to add to.
targetData: The target data.
channel: The midi channel.
panelCommand: The midi command.
value: The value.
min: The min.
max: The max.
threshold: The threshold.
useLevelMatching: if set to

Triggers.AddSACnTrigger

Adds the s acn trigger.

MACRO

```
Void AddSACnTrigger(Int32,
Avolites.Titan.Controllers.Console.Triggers.TriggerTargetData,
Int32, Int32, Int32, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/AddSACnTrigger
```

Parameters

mappingId: The mapping identifier.
targetData: The target data.
universe: The universe.
address: The address.
threshold: The threshold.
useLevelMatching: if set to

Triggers.ClearPendingTrigger

Clears the pending trigger target.

MACRO

```
Void ClearPendingTrigger()
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/ClearPendingTrigger
```

Triggers.ClearSelectedMapping

Clears the selected mapping.

MACRO

```
Void ClearSelectedMapping()
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/ClearSelectedMapping
```

Triggers.ClearSelectedTrigger

Clears the selected trigger.

MACRO

```
Void ClearSelectedTrigger()
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/ClearSelectedTrigger
```


Triggers.ConfirmNameChange

Confirms the name change - Sends a notification to the UI

MACRO

```
Void ConfirmNameChange()
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/ConfirmNameChange
```

Triggers.DecodeAudioStimulus

Decodes a midi stimulus and puts the values into the supplied properties. Supports the 'Learn' function

MACRO

```
Void DecodeAudioStimulus(Avolites.Menus.Triggers.Stimulus,  
System.String, System.String, System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/DecodeAudioStimulus
```

Parameters

- stimulus**: The stimulus.
- panelIndexProperty**: The panel index property.
- frequencyBandProperty**: The frequency band property.
- levelProperty**: The level property.
- thresholdProperty**: The threshold property.

Triggers.DecodeDmxStimulus

Decodes a midi stimulus and puts the values into the supplied properties. Supports the 'Learn' function

MACRO

```
Void DecodeMidiStimulus(Avolites.Menus.Triggers.Stimulus,  
System.String, System.String, System.String, System.String,  
System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/DecodeDmxStimulus
```

Parameters

- stimulus**: The stimulus.
- addressProperty**: The address property.
- panelIndexProperty**: The panel index property.
- portIndexProperty**: The port index property.
- levelProperty**: The level property.
- thresholdProperty**: The threshold property.

Triggers.DecodeGPIOStimulus

Decodes a GPIO stimulus and puts the values into the supplied properties. Supports the 'Learn' function

MACRO

```
Void DecodeGPIOStimulus(Avolites.Menus.Triggers.Stimulus,  
System.String, System.String, System.String, System.String,  
System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/DecodeGPIOStimulus
```

Parameters

- stimulus**: The stimulus.
- groupProperty**: The group property.
- pinProperty**: The pin property.
- levelProperty**: The level property.
- minValueProperty**: The min value property.

maxValueProperty: The max value property.

thresholdProperty: The threshold property.

Triggers.DecodeMidiStimulus

Decodes a midi stimulus and puts the values into the supplied properties. Supports the 'Learn' function

MACRO

```
Void DecodeMidiStimulus(Avolites.Menus.Triggers.Stimulus,
System.String, System.String, System.String, System.String,
System.String, System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/DecodeMidiStimulus
```

Parameters

stimulus: The stimulus.

channelProperty: The channel property.

commandProperty: The command property.

valueProperty: The value property.

levelProperty: The level property.

minValueProperty: The min value property.

maxValueProperty: The max value property.

thresholdProperty: The threshold property.

Triggers.DecodeSAcnStimulus

Decodes a GPIO stimulus and puts the values into the supplied properties. Supports the 'Learn' function

MACRO

```
Void DecodeSAcnStimulus(Avolites.Menus.Triggers.Stimulus,
System.String, System.String, System.String, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/DecodeSAcnStimulus
```

Parameters

stimulus: The stimulus.

universeProperty: The universe property.

addressProperty: The address property.

levelProperty: The level property.

thresholdProperty: The threshold property.

Triggers.DeleteMapping

Delete a mapping.

MACRO

```
Void DeleteMapping(Int32)
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/DeleteMapping
```

Parameters

mappingId: The mapping id.

Triggers.DeleteTrigger

Deletes a trigger from a mapping.

MACRO

```
Void DeleteTrigger(Int32, Avolites.Menus.Triggers.Trigger)
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/DeleteTrigger
```

Parameters

mappingId: The mapping id.

trigger: The trigger.

Triggers.EncodeGPIOStimulus

Encodes a GPIO input from the panel input and returns a trigger stimulus.

MACRO

```
Avolites.Titan.Controllers.Console.Triggers.GPIOChangeEvent  
EncodeGPIOStimulus(System.String, Int32, Single)
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/EncodeGPIOStimulus
```

Parameters

- group**: The panel group name.
- pin**: The panel item id or pin.
- value**: The level of the input.

Returns

A trigger stimulus event that can be used with triggers.

Triggers.Fire

Fires the specified stimulus.

MACRO

```
Void Fire(Avolites.Menus.Triggers.Stimulus)
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/Fire
```

Parameters

- stimulus**: The stimulus.

Triggers.GetAvailableDmxPorts

Gets a menu of the available DMX ports.

MACRO

```
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]  
GetAvailableDmxPorts()
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/GetAvailableDmxPorts
```

Triggers.GetDefaultActionId

Gets the default action id for the current pending target.

MACRO

```
Void GetDefaultActionId(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/GetDefaultActionId
```

Parameters

- propertyName**: Name of the property.

Triggers.GetIsMappingEnabled

Gets whether a mapping is enabled.

MACRO

```
Void GetIsMappingEnabled(Int32, System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Triggers/GetIsMappingEnabled
```

Parameters

- mappingId**: The mapping id.
- propertyId**: The property id.

Triggers.GetIsNameUsed

Determines whether a mapping name is used.

MACRO

Void IsNameUsed(System.String, System.String)

HTTP

http://[ip]:4430/titan/script/Triggers/GetIsNameUsed

Parameters

name: The name.

property: The property.

Triggers.GetIsNameValid

Determines whether a proposed mapping name is valid for a new mapping. It should be unused and defined.

MACRO

Void IsNameValid(System.String, System.String)

HTTP

http://[ip]:4430/titan/script/Triggers/GetIsNameValid

Parameters

name: The name.

property: The property.

Triggers.GetIsUserMapping

Gets whether a mapping is a user or factory mapping

MACRO

Void GetIsUserMapping(Int32, System.String)

HTTP

http://[ip]:4430/titan/script/Triggers/GetIsUserMapping

Parameters

mappingId: The mapping id.

propertyId: The property id to write to - True for User, False of Factory.

Triggers.GetMappingContainsTrigger

Gets a bool to indicate if a mapping contains a trigger.

MACRO

Void GetMappingContainsTrigger(Int32, Avolites.Menus.Triggers.Trigger, System.String)

HTTP

http://[ip]:4430/titan/script/Triggers/GetMappingContainsTrigger

Parameters

mappingId: The mapping id.

trigger: The trigger.

propertyId: The property id.

Triggers.GetMappingName

Gets the name of the mapping.

MACRO

Void GetMappingName(Int32, System.String)

HTTP

http://[ip]:4430/titan/script/Triggers/GetMappingName

Parameters

mappingId: The mapping id.

propertyId: The property id.

Triggers.GetMidiCommandHasValue

Gets whether a midi command has a value.

```

MACRO
Void
GetMidiCommandHasValue(Avolites.Titan.Controllers.Console.Panel
MidiCommands, System.String)
HTTP
http://[ip]:4430/titan/script/Triggers/GetMidiCommandHasValue

```

Parameters

command: The midi command.
propertyId: The property id.

Triggers.GetTargetActionType

Gets the type of the target action.

```

MACRO
Void
GetTargetActionType(Avolites.Titan.Controllers.Console.Triggers
.TriggerTargetData, System.String)
HTTP
http://[ip]:4430/titan/script/Triggers/GetTargetActionType

```

Parameters

data: The data.
propertyId: The property id.

Triggers.GetTargetDescription

Gets a description of a trigger target.

```

MACRO
Void
GetTargetDescription(Avolites.Titan.Controllers.Console.Trigger
s.TriggerTargetData, System.String)
HTTP
http://[ip]:4430/titan/script/Triggers/GetTargetDescription

```

Parameters

data: The target data.
propertyId: The Id of a property to be set with the description.

Triggers.IsNameUsed

Determines whether a mapping name is used.

```

MACRO
Boolean IsNameUsed(System.String)
HTTP
http://[ip]:4430/titan/script/Triggers/IsNameUsed

```

Parameters

name: The name.

Triggers.IsNameValid

Determines whether a proposed mapping name is valid for a new mapping. It should be unused and defined.

```

MACRO
Boolean IsNameValid(System.String)
HTTP
http://[ip]:4430/titan/script/Triggers/IsNameValid

```

Parameters

name: The name.

Triggers.IsTargetHandle

Determines whether a given handel is the current target handle.

MACRO

Boolean

`IsTargetHandle(Avolites.Titan.Controllers.Handles.Handle)`

HTTP

`http://[ip]:4430/titan/script/Triggers/IsTargetHandle`**Parameters****handle:** The handle.**Triggers.SelectDmxPort**

Selects a DMX port.

MACRO

`Void SelectDmxPort(Avolites.Menus.MenuItem, System.String, System.String, System.String)`

HTTP

`http://[ip]:4430/titan/script/Triggers/SelectDmxPort`**Parameters****selectedItem:** The selected item.**panelIdProperty:** The panel id property.**portIndexProperty:** The port index property.**globalPortIndexProperty:** The global port index property.**Triggers.SelectMappingById**

Selects the mapping by id.

MACRO

`Void SelectMappingById(Int32)`

HTTP

`http://[ip]:4430/titan/script/Triggers/SelectMappingById`**Parameters****id:** The id.**Triggers.SelectMappingByName**

Selects a mapping by name.

MACRO

`Void SelectMappingByName(System.String)`

HTTP

`http://[ip]:4430/titan/script/Triggers/SelectMappingByName`**Parameters****name:** The name.**Triggers.SelectNextMapping**

Selects the next mapping in the mapping order.

MACRO

`Void SelectNextMapping(Single)`

HTTP

`http://[ip]:4430/titan/script/Triggers/SelectNextMapping`**Parameters****step:** The number of steps and direction.**Triggers.SelectNextTrigger**

Selects the next trigger in the selected mapping.

MACRO

`Void SelectNextTrigger(Single)`

HTTP

`http://[ip]:4430/titan/script/Triggers/SelectNextTrigger`

Parameters**step:** The step.**Triggers.SelectTrigger**

Selects a trigger iff it is in the current mapping.

MACRO

Void SelectTrigger(Int32, Avolites.Menus.Triggers.Trigger)

HTTP

http://[ip]:4430/titan/script/Triggers/SelectTrigger

Parameters**mappingId:** The mapping id.**trigger:** The trigger.**Triggers.SetMappingName**

Sets the name of the mapping.

MACRO

Void SetMappingName(Int32, System.String)

HTTP

http://[ip]:4430/titan/script/Triggers/SetMappingName

Parameters**mappingId:** The mapping id.**name:** The new name.**Triggers.SetPendingTargetAction**

Sets the pending handle target action.

MACRO

Void SetPendingTargetAction(System.String)

HTTP

http://[ip]:4430/titan/script/Triggers/SetPendingTargetAction

Parameters**actionId:** The action id.**Triggers.SetPendingTargetHandle**

Sets the pending trigger target to a handle.

MACRO

Void SetPendingTargetHandle(Avolites.Titan.Controllers.Handles.Handle)

HTTP

http://[ip]:4430/titan/script/Triggers/SetPendingTargetHandle

Parameters**handle:** The handle.**Triggers.SetPendingTargetHardware**

Sets the pending trigger target to a hardware target.

MACRO

Void SetPendingTargetHardware(System.String, Avolites.Menus.MenuEventTypes, System.String, Int32, System.String)

HTTP

http://[ip]:4430/titan/script/Triggers/SetPendingTargetHardware

Parameters**keyClass:** The key class.**eventType:** Type of the event.

keyGroup: The key group.
keyIndex: Index of the key.
keyName: Name of the key.

Triggers.ToggleMappingEnable

Toggles whether a mapping is enabled.

MACRO

Void ToggleMappingEnable(Int32)

HTTP

http://[ip]:4430/titan/script/Triggers/ToggleMappingEnable

Parameters

mappingId: The mapping id.

Triggers.ValidTargetSelected

Returns true if a valid target is selected.

MACRO

Boolean ValidTargetSelected()

HTTP

http://[ip]:4430/titan/script/Triggers/ValidTargetSelected

3.75.2 Triggers Properties

Triggers.PendingTargetHandleActions

MACRO

ActionScript.SetProperty(Triggers.PendingTargetHandleActions, [value])

HTTP

http://[ip]:4430/titan/get/Triggers/PendingTargetHandleActions

HTTP

POST /titan/set/Triggers/PendingTargetHandleActions

Triggers.PendingTriggerTarget

Gets or sets the pending trigger target. This property holds data about a target we're creating a trigger for.

MACRO

ActionScript.SetProperty(Triggers.PendingTriggerTarget, [value])

HTTP

http://[ip]:4430/titan/get/Triggers/PendingTriggerTarget

HTTP

POST /titan/set/Triggers/PendingTriggerTarget

Triggers.SelectedMappingId

Gets or sets the selected mapping id.

MACRO

ActionScript.SetProperty(Triggers.SelectedMappingId, [value])

HTTP

http://[ip]:4430/titan/get/Triggers/SelectedMappingId

HTTP

POST /titan/set/Triggers/SelectedMappingId

Triggers.SelectedTrigger

Gets or sets the selected trigger.

MACRO

ActionScript.SetProperty(Triggers.SelectedTrigger, [value])

HTTP
http://[ip]:4430/titan/get/Triggers/SelectedTrigger
HTTP
POST /titan/set/Triggers/SelectedTrigger

3.76 Unfold

3.76.1 Unfold Methods

Unfold.NextPage

Moves to the next unfold page. The page will not be changed if on the last page.

MACRO
Void NextPage(System.String)
HTTP
http://[ip]:4430/titan/script/Unfold/NextPage

Parameters

groups: The handle groups to move to the next page on.

Unfold.PreviousPage

Moves to the previous unfold page. The page will not be changed if on the first page.

MACRO
Void PreviousPage(System.String)
HTTP
http://[ip]:4430/titan/script/Unfold/PreviousPage

Parameters

groups: The handle groups to move to the previous page on.

Unfold.RefreshUnfold

Updates all the unfold items in the handle controller. If new unfold items exist then these will be allocated handles.

MACRO
Void RefreshUnfold(System.String)
HTTP
http://[ip]:4430/titan/script/Unfold/RefreshUnfold

Parameters

groups: The groups to refresh the unfold on.

Unfold.SetPage

Set the unfold page index

MACRO
Void SetPage(System.String, Int32)
HTTP
http://[ip]:4430/titan/script/Unfold/SetPage

Parameters

groups: Unfolded group for which the page will be changed
index: Page index to be set

Unfold.UnfoldHandle

If possible unfolds the item on the handle to all the handle groups. This will put all the handle groups in the unfold mode and replace items on that group with unfold items.

MACRO
Void UnfoldHandle(Avolites.Titan.Controllers.Handles.Handle, System.String)
HTTP
http://[ip]:4430/titan/script/Unfold/UnfoldHandle

Parameters

item: The handle containing the item to unfold.
groups: A list of groups to unfold the handle to
 'Group1;Group2;'

Unfold.UnfoldHandles

MACRO
Void UnfoldHandles(System.Collections.Generic.IEnumerable`1[Avolites.Titan.Controllers.Handles.Handle], System.String)
HTTP
http://[ip]:4430/titan/script/Unfold/UnfoldHandles

3.76.2 Unfold Properties**Unfold.FirstStepOnPage**

Gets or sets the step number of the first step on an unfold page. This property is accessible from the menu.

MACRO
ActionScript.SetProperty(Unfold.FirstStepOnPage, [value])
HTTP
http://[ip]:4430/titan/get/Unfold/FirstStepOnPage
HTTP
POST /titan/set/Unfold/FirstStepOnPage

Unfold.ItemName

The name of the item currently unfolded. This property is accessible from the menu.

MACRO
ActionScript.SetProperty(Unfold.ItemName, [value])
HTTP
http://[ip]:4430/titan/get/Unfold/ItemName
HTTP
POST /titan/set/Unfold/ItemName

Unfold.Page

The current page of the unfold operation. This property is accessible from the menu.

MACRO
ActionScript.SetProperty(Unfold.Page, [value])
HTTP
http://[ip]:4430/titan/get/Unfold/Page
HTTP
POST /titan/set/Unfold/Page

3.77 UserMacros**3.77.1 UserMacros Methods****UserMacros.Export**

Exports the specified macro.

MACRO

```
Void Export(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/UserMacros/Export
```

Parameters

macroId: The macro identifier.

UserMacros.GetAllMacroIds

Gets a list of all macro Ids.

MACRO

```
System.Collections.Generic.List`1[System.String]
GetAllMacroIds(Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/UserMacros/GetAllMacroIds
```

Parameters

includeUnassignedHandles: Whether to include handles that have not been assigned handles.

Returns

A list of ids of the specified type.

UserMacros.IsAllowedGroup

Determines whether macros are allowed to be recorded in the group supplied.

MACRO

```
Boolean IsAllowedGroup(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/UserMacros/IsAllowedGroup
```

Parameters

group: The group.

UserMacros.LoopMacro

Runs the macro on the given handle a specified number of times. The macro will be repeated for the amount of counts.

MACRO

```
Void LoopMacro(Avolites.Titan.Controllers.Handles.Handle,
Single)
```

HTTP

```
http://[ip]:4430/titan/script/UserMacros/LoopMacro
```

Parameters

handle: The handle containing the macro to run.

count: The number of times to run the macro.

UserMacros.RecallMacro

Runs the macro on the given handle.

MACRO

```
Void RecallMacro(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/UserMacros/RecallMacro
```

Parameters

handle: The handle containing the macro to run.

UserMacros.RecallMacroById

Runs the macro with the given id.

```

MACRO
Void RecallMacroById(System.String)
HTTP
http://[ip]:4430/titan/script/UserMacros/RecallMacroById

```

Parameters

macroId: The id of the macro to run.

UserMacros.RecallMacroByIdAndWait

Runs the macro with the given id. This will wait until the macro has finished.

```

MACRO
Boolean RecallMacroAndWait(System.String)
HTTP
http://[ip]:4430/titan/script/UserMacros/RecallMacroByIdAndWait

```

Parameters

macroId: The id of the macro to run.

UserMacros.Record.SetFreeName

Sets the suggested record macro name to a name that is not already used.

```

MACRO
Void SetToFreeMacroName(System.String)
HTTP
http://[ip]:4430/titan/script/UserMacros/Record/SetFreeName

```

Parameters

propertyId: The id of a property to assign the free name string to.

UserMacros.Record.SetFreeUserNumber

Sets the given menu property to a free user number.

```

MACRO
Void SetToFreeMacroUserNumber(System.String)
HTTP
http://[ip]:4430/titan/script/UserMacros/Record/SetFreeUserNumber

```

Parameters

propertyId: The menu property to set to a free user number.

UserMacros.Record.Start

Starts recording a user macro.

```

MACRO
Void StartRecording(System.String, Boolean)
HTTP
http://[ip]:4430/titan/script/UserMacros/Record/Start

```

Parameters

name: The name to give to the macro once it has been recorded.

timed: if set to

UserMacros.Record.StartOnHandle

Starts recording a user macro and assigns it to the given handle.

```

MACRO
Void StartRecording(Avolites.Titan.Controllers.Handles.Handle,
System.String, Boolean)

```

HTTP
[http://\[ip\]:4430/titan/script/UserMacros/Record/StartOnHandle](http://[ip]:4430/titan/script/UserMacros/Record/StartOnHandle)

Parameters

handle: The handle to assign the new macro to
name: The name to give to the recorded macro
timed: if set to

UserMacros.Record.Stop

Stops recording a macro and saves it to the library or assigns it to the given handle.

MACRO
 Void StopRecording()
 HTTP
[http://\[ip\]:4430/titan/script/UserMacros/Record/Stop](http://[ip]:4430/titan/script/UserMacros/Record/Stop)

UserMacros.Record.ValidateUserNumber

Checks if the current user number is in use and updates with the latest value.

MACRO
 Void ValidateUserNumber()
 HTTP
[http://\[ip\]:4430/titan/script/UserMacros/Record/ValidateUserNumber](http://[ip]:4430/titan/script/UserMacros/Record/ValidateUserNumber)

UserMacros.SetCurrentMacroFromUserNumber

Sets the current macro information from the user number.

MACRO
 Void SetCurrentMacroFromUserNumber(Int32)
 HTTP
[http://\[ip\]:4430/titan/script/UserMacros/SetCurrentMacroFromUserNumber](http://[ip]:4430/titan/script/UserMacros/SetCurrentMacroFromUserNumber)

Parameters

userNumber: The user number of the macro to set the current information to.

UserMacros.UserMacroMenuList

Returns a list of user macros for display in a menu.

MACRO
 System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
 UserMacros()
 HTTP
[http://\[ip\]:4430/titan/script/UserMacros/UserMacroMenuList](http://[ip]:4430/titan/script/UserMacros/UserMacroMenuList)

Returns

The list of menu items with each user macro in a menu item.

3.77.2 UserMacros Properties**UserMacros.CurrentMacroExists**

Gets or sets whether the current macro exists.

MACRO
 ActionScript.SetProperty(UserMacros.CurrentMacroExists,[value])
 HTTP
[http://\[ip\]:4430/titan/get/UserMacros/CurrentMacroExists](http://[ip]:4430/titan/get/UserMacros/CurrentMacroExists)
 HTTP
[POST /titan/set/UserMacros/CurrentMacroExists](http://[ip]:4430/titan/set/UserMacros/CurrentMacroExists)

UserMacros.CurrentMacroId

Gets or sets the current macro id.

MACRO

ActionScript.SetProperty(UserMacros.CurrentMacroId,[value])

HTTP

http://[ip]:4430/titan/get/UserMacros/CurrentMacroId

HTTP

POST /titan/set/UserMacros/CurrentMacroId

UserMacros.CurrentMacroName

Gets or sets the current macro name.

MACRO

ActionScript.SetProperty(UserMacros.CurrentMacroName,[value])

HTTP

http://[ip]:4430/titan/get/UserMacros/CurrentMacroName

HTTP

POST /titan/set/UserMacros/CurrentMacroName

UserMacros.CurrentUserNumber

Gets or sets the current macro user number.

MACRO

ActionScript.SetProperty(UserMacros.CurrentUserNumber,[value])

HTTP

http://[ip]:4430/titan/get/UserMacros/CurrentUserNumber

HTTP

POST /titan/set/UserMacros/CurrentUserNumber

UserMacros.Record.Enabled

Gets or sets whether recording a macro is enabled.

MACRO

ActionScript.SetProperty(UserMacros.Record.Enabled,[value])

HTTP

http://[ip]:4430/titan/get/UserMacros/Record/Enabled

HTTP

POST /titan/set/UserMacros/Record/Enabled

UserMacros.Record.UserNumber

Gets or sets the user number to give to the macro being recorded.

MACRO

ActionScript.SetProperty(UserMacros.Record.UserNumber,[value])

HTTP

http://[ip]:4430/titan/get/UserMacros/Record/UserNumber

HTTP

POST /titan/set/UserMacros/Record/UserNumber

UserMacros.Record.UserNumber.Available

Gets or sets whether the current user number is in use or not.

MACRO

ActionScript.SetProperty(UserMacros.Record.UserNumber.Available,[value])

HTTP

http://[ip]:4430/titan/get/UserMacros/Record/UserNumber/Available

```
HTTP
POST /titan/set/UserMacros/Record/UserNumber/Available
```

3.78 Users

3.78.1 Users Methods

Users.GetUserListMenuItems

Gets a menu list of all the Users in the system

```
MACRO
System.Collections.Generic.List`1[Avolites.Menus.MenuItem]
GetUserMenuItems()
```

```
HTTP
http://[ip]:4430/titan/script/Users/GetUserListMenuItems
```

Users.NewUser

Create a new empty handle User

```
MACRO
Void NewUser(System.String)
```

```
HTTP
http://[ip]:4430/titan/script/Users/NewUser
```

Parameters

userLegend: The user legend.

Users.SetUser

Sets the current handle User.

```
MACRO
Void SetUser(Int32)
```

```
HTTP
http://[ip]:4430/titan/script/Users/SetUser
```

Parameters

userId: The user identifier.

Users.UserLegendExists

Test if a legend is in use for an existing User or is invalid

```
MACRO
Boolean UserLegendExists(System.String)
```

```
HTTP
http://[ip]:4430/titan/script/Users/UserLegendExists
```

Parameters

legend: The legend.

Returns

true if the legend is in use

3.78.2 Users Properties

Users.CurrentUserId

```
MACRO
ActionScript.SetProperty(Users.CurrentUserId, [value])
```

```
HTTP
http://[ip]:4430/titan/get/Users/CurrentUserId
```

```
HTTP
POST /titan/set/Users/CurrentUserId
```

Users.CurrentUserName

MACRO
ActionScript.SetProperty(Users.CurrentUserName, [value])
HTTP
http://[ip]:4430/titan/get/Users/CurrentUserName
HTTP
POST /titan/set/Users/CurrentUserName

3.79 UserSettings**3.79.1 UserSettings Methods****UserSettings.AdjustLevelValue**

Adjusts an LED level value. Adjusts in +/-0.005 steps and clamps the value between 0 and 1

MACRO
Void AdjustLevelValue(System.String, Single)
HTTP
http://[ip]:4430/titan/script/UserSettings/AdjustLevelValue

Parameters

- propertyId**: The property id.
- value**: The adjustment value (+/-1).

UserSettings.RaiseEditPropertyEvent

Raises the edit property event.

MACRO
Void RaiseEditPropertyEvent(Int32, Boolean, Avolites.Menus.MenuProperty, System.Action, System.String)
HTTP
http://[ip]:4430/titan/script/UserSettings/RaiseEditPropertyEvent

Parameters

- numberOfWheels**: The number of wheels.
- wideView**: if set to
- property**: The property.
- finishAction**: The finish action.
- menuStackId**: The menu stack identifier.

3.79.2 UserSettings Properties**UserSettings.AutoConnect**

Gets or sets a value indicating whether to auto connect to chases and cue lists.

MACRO
ActionScript.SetProperty(UserSettings.AutoConnect, [value])
HTTP
http://[ip]:4430/titan/get/UserSettings/AutoConnect
HTTP
POST /titan/set/UserSettings/AutoConnect

UserSettings.AutoRunStartupPlaybacks

Gets or sets a value indicating whether we are automatically running startup playbacks when the show has loaded.


```

MACRO
ActionScript.SetProperty(UserSettings.AutoRunStartupPlaybacks, [
value])
HTTP
http://[ip]:4430/titan/get/UserSettings/AutoRunStartupPlaybacks
HTTP
POST /titan/set/UserSettings/AutoRunStartupPlaybacks

```

UserSettings.AutoViewOnConnect

Gets or sets a value indicating ther to automatically open the playback view when connecting to a chase or cuelist.

```

MACRO
ActionScript.SetProperty(UserSettings.AutoViewOnConnect, [value]
)
HTTP
http://[ip]:4430/titan/get/UserSettings/AutoViewOnConnect
HTTP
POST /titan/set/UserSettings/AutoViewOnConnect

```

UserSettings.CueView.NumberStyle

Gets or sets the number style of the values in cue and palette view.

```

MACRO
ActionScript.SetProperty(UserSettings.CueView.NumberStyle, [valu
e])
HTTP
http://[ip]:4430/titan/get/UserSettings/CueView/NumberStyle
HTTP
POST /titan/set/UserSettings/CueView/NumberStyle

```

UserSettings.DeleteDefault

Gets or sets the default value for double tap delete True = Delete
False = Release Handle

```

MACRO
ActionScript.SetProperty(UserSettings.DeleteDefault, [value])
HTTP
http://[ip]:4430/titan/get/UserSettings/DeleteDefault
HTTP
POST /titan/set/UserSettings/DeleteDefault

```

UserSettings.Patch.AutoGroups

Gets or sets whether groups are created when a fixture is patched.

```

MACRO
ActionScript.SetProperty(UserSettings.Patch.AutoGroups, [value])
HTTP
http://[ip]:4430/titan/get/UserSettings/Patch/AutoGroups
HTTP
POST /titan/set/UserSettings/Patch/AutoGroups

```

UserSettings.PreloadTime

Gets or sets the fade time in seconds when preloading a memory.

```

MACRO
ActionScript.SetProperty(UserSettings.PreloadTime, [value])
HTTP
http://[ip]:4430/titan/get/UserSettings/PreloadTime

```

HTTP

POST /titan/set/UserSettings/PreloadTime

UserSettings.Programmer.Editor.Fixtures.Clear.CueTimes

Gets or sets a value indicating whether to release values to the playback levels on clear.

MACRO

```
ActionScript.SetProperty(UserSettings.Programmer.Editor.Fixtures.Clear.CueTimes,[value])
```

HTTP

```
http://[ip]:4430/titan/get/UserSettings/Programmer/Editor/Fixtures/Clear/CueTimes
```

HTTP

```
POST /titan/set/UserSettings/Programmer/Editor/Fixtures/Clear/CueTimes
```

UserSettings.Programmer.Editor.Fixtures.Clear.Presets

Gets or sets a value indicating whether to clear presets to zero.

MACRO

```
ActionScript.SetProperty(UserSettings.Programmer.Editor.Fixtures.Clear.Presets,[value])
```

HTTP

```
http://[ip]:4430/titan/get/UserSettings/Programmer/Editor/Fixtures/Clear/Presets
```

HTTP

```
POST /titan/set/UserSettings/Programmer/Editor/Fixtures/Clear/Presets
```

UserSettings.Programmer.Editor.Fixtures.Clear.Release

Gets or sets a value indicating whether to release values to the playback levels on clear.

MACRO

```
ActionScript.SetProperty(UserSettings.Programmer.Editor.Fixtures.Clear.Release,[value])
```

HTTP

```
http://[ip]:4430/titan/get/UserSettings/Programmer/Editor/Fixtures/Clear/Release
```

HTTP

```
POST /titan/set/UserSettings/Programmer/Editor/Fixtures/Clear/Release
```

UserSettings.Programmer.Editor.Fixtures.Clear.ResetMask

Gets or sets a value indicating whether to reset clear mask after clear.

MACRO

```
ActionScript.SetProperty(UserSettings.Programmer.Editor.Fixtures.Clear.ResetMask,[value])
```

HTTP

```
http://[ip]:4430/titan/get/UserSettings/Programmer/Editor/Fixtures/Clear/ResetMask
```

```
HTTP
POST
/titan/set/UserSettings/Programmer/Editor/Fixtures/Clear/ResetMask
```

UserSettings.Programmer.Editor.Fixtures.Locate.ClearAttributes

Gets or sets a value indicating whether to release values to the playback levels on clear.

```
MACRO
ActionScript.SetProperty(UserSettings.Programmer.Editor.Fixtures.Locate.ClearAttributes,[value])
```

```
HTTP
http://[ip]:4430/titan/get/UserSettings/Programmer/Editor/Fixtures/Locate/ClearAttributes
```

```
HTTP
POST
/titan/set/UserSettings/Programmer/Editor/Fixtures/Locate/ClearAttributes
```

UserSettings.Programmer.Editor.Fixtures.Locate.ResetMask

Gets or sets a value indicating whether to release values to the playback levels on clear.

```
MACRO
ActionScript.SetProperty(UserSettings.Programmer.Editor.Fixtures.Locate.ResetMask,[value])
```

```
HTTP
http://[ip]:4430/titan/get/UserSettings/Programmer/Editor/Fixtures/Locate/ResetMask
```

```
HTTP
POST
/titan/set/UserSettings/Programmer/Editor/Fixtures/Locate/ResetMask
```

UserSettings.PromptForPark

Gets or sets a value indicating whether to prompt for parking fixtures or to just do it.

```
MACRO
ActionScript.SetProperty(UserSettings.PromptForPark,[value])
```

```
HTTP
http://[ip]:4430/titan/get/UserSettings/PromptForPark
```

```
HTTP
POST /titan/set/UserSettings/PromptForPark
```

UserSettings.PromptForReplace

Gets or sets a value indicating whether to prompt for merger or replace.

```
MACRO
ActionScript.SetProperty(UserSettings.PromptForReplace,[value])
```

```
HTTP
http://[ip]:4430/titan/get/UserSettings/PromptForReplace
```

```
HTTP
POST /titan/set/UserSettings/PromptForReplace
```

UserSettings.Setting.AutoLegend

Gets or sets whether auto legend is on

```

MACRO
ActionScript.SetProperty(UserSettings.Setting.AutoLegend,[value
])
HTTP
http://[ip]:4430/titan/get/UserSettings/Setting/AutoLegend
HTTP
POST /titan/set/UserSettings/Setting/AutoLegend

```

UserSettings.Setting.AutoUpdatePalettePlaybacks

Gets or sets the value for property that indicates auto update of palettes function

```

MACRO
ActionScript.SetProperty(UserSettings.Setting.AutoUpdatePalette
Playbacks,[value])
HTTP
http://[ip]:4430/titan/get/UserSettings/Setting/AutoUpdatePalet
tePlaybacks
HTTP
POST /titan/set/UserSettings/Setting/AutoUpdatePalettePlaybacks

```

UserSettings.Setting.DisplayHalo

Gets or sets a value indicating whether we are showing handle halos or not.

```

MACRO
ActionScript.SetProperty(UserSettings.Setting.DisplayHalo,[valu
e])
HTTP
http://[ip]:4430/titan/get/UserSettings/Setting/DisplayHalo
HTTP
POST /titan/set/UserSettings/Setting/DisplayHalo

```

UserSettings.Setting.HandleButtonSize

Gets or sets the size of handle buttons. This is currently a global user setting, long term it will probably be a window setting

```

MACRO
ActionScript.SetProperty(UserSettings.Setting.HandleButtonSize,
[value])
HTTP
http://[ip]:4430/titan/get/UserSettings/Setting/HandleButtonSiz
e
HTTP
POST /titan/set/UserSettings/Setting/HandleButtonSize

```

UserSettings.Setting.Include.CueTimes

Gets or sets a value indicating whether to include the cue times on including.

```

MACRO
ActionScript.SetProperty(UserSettings.Setting.Include.CueTimes,
[value])
HTTP
http://[ip]:4430/titan/get/UserSettings/Setting/Include/CueTime
s
HTTP
POST /titan/set/UserSettings/Setting/Include/CueTimes

```

UserSettings.Setting.Led.EmptyLevel

MACRO

```
ActionScript.SetProperty(UserSettings.Setting.Led.EmptyLevel, [value])
```

HTTP

```
http://[ip]:4430/titan/get/UserSettings/Setting/Led/EmptyLevel
```

HTTP

```
POST /titan/set/UserSettings/Setting/Led/EmptyLevel
```

UserSettings.Setting.Led.OccupiedLevel

MACRO

```
ActionScript.SetProperty(UserSettings.Setting.Led.OccupiedLevel, [value])
```

HTTP

```
http://[ip]:4430/titan/get/UserSettings/Setting/Led/OccupiedLevel
```

HTTP

```
POST /titan/set/UserSettings/Setting/Led/OccupiedLevel
```

UserSettings.Setting.Led.ProgrammerLevel

MACRO

```
ActionScript.SetProperty(UserSettings.Setting.Led.ProgrammerLevel, [value])
```

HTTP

```
http://[ip]:4430/titan/get/UserSettings/Setting/Led/ProgrammerLevel
```

HTTP

```
POST /titan/set/UserSettings/Setting/Led/ProgrammerLevel
```

UserSettings.Setting.Led.SelectedLevel

MACRO

```
ActionScript.SetProperty(UserSettings.Setting.Led.SelectedLevel, [value])
```

HTTP

```
http://[ip]:4430/titan/get/UserSettings/Setting/Led/SelectedLevel
```

HTTP

```
POST /titan/set/UserSettings/Setting/Led/SelectedLevel
```

UserSettings.Setting.List.SnapMode

Gets or sets whether the next and previous keys will snap between cues or select the next live cue.

MACRO

```
ActionScript.SetProperty(UserSettings.Setting.List.SnapMode, [value])
```

HTTP

```
http://[ip]:4430/titan/get/UserSettings/Setting/List/SnapMode
```

HTTP

```
POST /titan/set/UserSettings/Setting/List/SnapMode
```

UserSettings.Setting.PressAndHoldForFanEnabled

MACRO

```
ActionScript.SetProperty(UserSettings.Setting.PressAndHoldForFanEnabled, [value])
```

```
HTTP
http://[ip]:4430/titan/get/UserSettings/Setting/PressAndHoldForFanEnabled
```

```
HTTP
POST /titan/set/UserSettings/Setting/PressAndHoldForFanEnabled
```

UserSettings.Setting.QuickPalettes.Enabled

Gets or sets whether quick palettes are enabled.

```
MACRO
ActionScript.SetProperty(UserSettings.Setting.QuickPalettes.Enabled,[value])
```

```
HTTP
http://[ip]:4430/titan/get/UserSettings/Setting/QuickPalettes/Enabled
```

```
HTTP
POST /titan/set/UserSettings/Setting/QuickPalettes/Enabled
```

UserSettings.Setting.TextSize

Gets or sets the size of the text.

```
MACRO
ActionScript.SetProperty(UserSettings.Setting.TextSize,[value])
```

```
HTTP
http://[ip]:4430/titan/get/UserSettings/Setting/TextSize
```

```
HTTP
POST /titan/set/UserSettings/Setting/TextSize
```

UserSettings.ShowMimics

Gets or sets a value indicating whether to mimic fixture intensity with the associated LED.

```
MACRO
ActionScript.SetProperty(UserSettings.ShowMimics,[value])
```

```
HTTP
http://[ip]:4430/titan/get/UserSettings/ShowMimics
```

```
HTTP
POST /titan/set/UserSettings/ShowMimics
```

UserSettings.SingleDigitLevels

Gets or sets a value indicating whether the channel menu uses single digit levels.

```
MACRO
ActionScript.SetProperty(UserSettings.SingleDigitLevels,[value])
)
```

```
HTTP
http://[ip]:4430/titan/get/UserSettings/SingleDigitLevels
```

```
HTTP
POST /titan/set/UserSettings/SingleDigitLevels
```

UserSettings.TempoUnits

Gets or sets the units used to display values relating to tempo.

```
MACRO
ActionScript.SetProperty(UserSettings.TempoUnits,[value])
```

```
HTTP
http://[ip]:4430/titan/get/UserSettings/TempoUnits
```

```
HTTP
POST /titan/set/UserSettings/TempoUnits
```

UserSettings.TimeCodeDisplayMode

Gets or sets a value indicating whether the time is display in timecode mode.

MACRO

```
ActionScript.SetProperty(UserSettings.TimeCodeDisplayMode,[value])
```

HTTP

```
http://[ip]:4430/titan/get/UserSettings/TimeCodeDisplayMode
```

HTTP

```
POST /titan/set/UserSettings/TimeCodeDisplayMode
```

UserSettings.UseTemporaryChaseSpeed

Gets or sets a value indicating whether to use temporary chase speeds or to bind the chase controller directly to the chase speed.

MACRO

```
ActionScript.SetProperty(UserSettings.UseTemporaryChaseSpeed,[value])
```

HTTP

```
http://[ip]:4430/titan/get/UserSettings/UseTemporaryChaseSpeed
```

HTTP

```
POST /titan/set/UserSettings/UseTemporaryChaseSpeed
```

UserSettings.Wheels.EnablePanTiltThreshold

MACRO

```
ActionScript.SetProperty(UserSettings.Wheels.EnablePanTiltThreshold,[value])
```

HTTP

```
http://[ip]:4430/titan/get/UserSettings/Wheels/EnablePanTiltThreshold
```

HTTP

```
POST /titan/set/UserSettings/Wheels/EnablePanTiltThreshold
```

UserSettings.Wheels.PanThreshold

MACRO

```
ActionScript.SetProperty(UserSettings.Wheels.PanThreshold,[value])
```

HTTP

```
http://[ip]:4430/titan/get/UserSettings/Wheels/PanThreshold
```

HTTP

```
POST /titan/set/UserSettings/Wheels/PanThreshold
```

UserSettings.Wheels.Sensitivity

MACRO

```
ActionScript.SetProperty(UserSettings.Wheels.Sensitivity,[value])
```

HTTP

```
http://[ip]:4430/titan/get/UserSettings/Wheels/Sensitivity
```

HTTP

```
POST /titan/set/UserSettings/Wheels/Sensitivity
```

UserSettings.Wheels.TiltThreshold

MACRO

```
ActionScript.SetProperty(UserSettings.Wheels.TiltThreshold,[value])
```

```

HTTP
http://[ip]:4430/titan/get/UserSettings/Wheels/TiltThreshold
HTTP
POST /titan/set/UserSettings/Wheels/TiltThreshold

```

UserSettings.Wheels.TrackballXAttribute

Gets or sets the attribute assigned to the track ball X axis.

```

MACRO
ActionScript.SetProperty(UserSettings.Wheels.TrackballXAttribute,[value])
HTTP
http://[ip]:4430/titan/get/UserSettings/Wheels/TrackballXAttribute
HTTP
POST /titan/set/UserSettings/Wheels/TrackballXAttribute

```

UserSettings.Wheels.TrackballYAttribute

Gets or sets the attribute assigned to the track ball Y axis.

```

MACRO
ActionScript.SetProperty(UserSettings.Wheels.TrackballYAttribute,[value])
HTTP
http://[ip]:4430/titan/get/UserSettings/Wheels/TrackballYAttribute
HTTP
POST /titan/set/UserSettings/Wheels/TrackballYAttribute

```

UserSettings.Wheels.TrackballZAttribute

Gets or sets the attribute assigned to the track ball satellite wheel.

```

MACRO
ActionScript.SetProperty(UserSettings.Wheels.TrackballZAttribute,[value])
HTTP
http://[ip]:4430/titan/get/UserSettings/Wheels/TrackballZAttribute
HTTP
POST /titan/set/UserSettings/Wheels/TrackballZAttribute

```

3.80 Visualiser

3.80.1 Visualiser Methods

Visualiser.Capture.AddBoxToCapture

Adds a Box To Capture.

```

MACRO
Void AddBoxToCapture()
HTTP
http://[ip]:4430/titan/script/Visualiser/Capture/AddBoxToCapture

```

Visualiser.Capture.BeginCaptureModify

Begins the capture modify.

```

MACRO
Void BeginCaptureModify()

```

```
HTTP
```

```
http://[ip]:4430/titan/script/Visualiser/Capture/BeginCaptureModify
```

Visualiser.Capture.ChangeAngle

Changes the angle.

```
MACRO
```

```
Void
ChangeAngle(Avolites.Titan.Controllers.Console.CaptureVisualiser.CaptureCameraPositionsContainer,
Avolites.Titan.Controllers.Console.CaptureVisualiser.AvailableCameras, Boolean, Int32, Boolean)
```

```
HTTP
```

```
http://[ip]:4430/titan/script/Visualiser/Capture/ChangeAngle
```

Parameters

- positionsContainer:** The positions container.
- selectedCamera:** The selected camera.
- orbitMode:** if set to
- numberOfWheels:** The number of wheels.
- wideView:** if set to

Visualiser.Capture.ChangePosition

Changes the position.

```
MACRO
```

```
Void
ChangePosition(Avolites.Titan.Controllers.Console.CaptureVisualiser.CaptureCameraPositionsContainer,
Avolites.Titan.Controllers.Console.CaptureVisualiser.AvailableCameras, Int32, Boolean, System.String)
```

```
HTTP
```

```
http://[ip]:4430/titan/script/Visualiser/Capture/ChangePosition
```

Parameters

- positionsContainer:** The positions container.
- selectedCamera:** The selected camera.
- numberOfWheels:** The number of wheels.
- wideView:** if set to
- selectedMenuItemId:** The selected menu item identifier.

Visualiser.Capture.DeleteStageObjects

```
MACRO
```

```
Void
DeleteStageObjects(System.Collections.Generic.List`1[System.Int32])
```

```
HTTP
```

```
http://[ip]:4430/titan/script/Visualiser/Capture/DeleteStageObjects
```

Visualiser.Capture.DragAngle

Updates the position from a camera.

```
MACRO
```

```
Void
DragAngle(Avolites.Titan.Controllers.Console.CaptureVisualiser.CaptureCameraPositionsContainer,
Avolites.Titan.Controllers.Console.CaptureVisualiser.AvailableCameras, Boolean, Double, Double)
```

HTTP

http://[ip]:4430/titan/script/Visualiser/Capture/DragAngle

Parameters

- postionsContainer:** The postions container.
- selectedCamera:** The selected camera.
- orbitMode:** if set to
- dx:** The dx.
- dy:** The dy.

Visualiser.Capture.DragPosition

Updates the position form a camera.

MACRO

Void

```
DragPosition(Avolites.Titan.Controllers.Console.CaptureVisualiser.CaptureCameraPositionsContainer,
Avolites.Titan.Controllers.Console.CaptureVisualiser.AvailableCameras, Double, Double, Double)
```

HTTP

http://[ip]:4430/titan/script/Visualiser/Capture/DragPosition

Parameters

- postionsContainer:** The postions container.
- selectedCamera:** The selected camera.
- dx:** The dx.
- dy:** The dy.
- dz:** The dz.

Visualiser.Capture.EndCaptureModify

Ends the capture modify.

MACRO

Void EndCaptureModify()

HTTP

http://[ip]:4430/titan/script/Visualiser/Capture/EndCaptureModify

Visualiser.Capture.ExportCurrentProject

Exports the current project.

MACRO

Void

```
ExportCurrentProject(Avolites.Acw.Titan.Show.AcwPathDeviceKey,
System.String, System.String)
```

HTTP

http://[ip]:4430/titan/script/Visualiser/Capture/ExportCurrentProject

Parameters

- driveFilter:** The drive filter.
- showName:** Name of the show.
- captureName:** Name of the capture.

Visualiser.Capture.GetFrameRate

Gets the frame rate of the first view. If no views are available an invalid operation exception is thrown.

MACRO

Int32

```
GetFrameRate(Avolites.Titan.Controllers.Console.CaptureVisualiser.AvailableCameras)
```

HTTP

[http://\[ip\]:4430/titan/script/Visualiser/Capture/GetFrameRate](http://[ip]:4430/titan/script/Visualiser/Capture/GetFrameRate)**Parameters****cameraIndex:** Index of the camera.**Returns**

The current views frame rate.

Visualiser.Capture.GetVisualiserEditAction

Gets the visualiser edit action depending on the other setting to highlight the correct action in Capture windows.

MACRO

Avolites.Titan.Controllers.Console.CaptureVisualiser.VisualiserEditAction

GetVisualiserEditAction(Avolites.Titan.Controllers.Console.CaptureVisualiser.CameraActions, Avolites.Titan.Controllers.FixtureActions, Avolites.Titan.Controllers.AttributeElement)

HTTP

[http://\[ip\]:4430/titan/script/Visualiser/Capture/GetVisualiserEditAction](http://[ip]:4430/titan/script/Visualiser/Capture/GetVisualiserEditAction)**Parameters****cameraAction:** The camera action.**fixtureAction:** The fixture action.**wheelControl:** The wheel control.**Returns**

The value of the visualiserEditAction.

Visualiser.Capture.ImportCaptureShow

Imports a capture show.

MACRO

Void ImportCaptureShow(System.String)

HTTP

[http://\[ip\]:4430/titan/script/Visualiser/Capture/ImportCaptureShow](http://[ip]:4430/titan/script/Visualiser/Capture/ImportCaptureShow)**Parameters****theatreFile:** The theatre file.**Visualiser.Capture.InitialiseCameraPositions**

Initialises the camera positions.

MACRO

Void InitialiseCameraPositions()

HTTP

[http://\[ip\]:4430/titan/script/Visualiser/Capture/InitialiseCameraPositions](http://[ip]:4430/titan/script/Visualiser/Capture/InitialiseCameraPositions)**Visualiser.Capture.SelectStageObjects**

MACRO

Void SelectStageObjects(System.Collections.Generic.List`1[System.Int32])

HTTP

[http://\[ip\]:4430/titan/script/Visualiser/Capture/SelectStageObjects](http://[ip]:4430/titan/script/Visualiser/Capture/SelectStageObjects)

Visualiser.Capture.SetStageObjectProperties

```

MACRO
Void SetStageObjectProperties(Int32,
System.Collections.Generic.IEnumerable`1[System.Collections.Gen
eric.KeyValuePair`2[System.String,System.Object]])
HTTP
http://[ip]:4430/titan/script/Visualiser/Capture/SetStageObject
Properties

```

Visualiser.Capture.UpdateCameraPositions

Updates the camera positions container.

```

MACRO
Void UpdateCameraPositions()
HTTP
http://[ip]:4430/titan/script/Visualiser/Capture/UpdateCameraPo
sitions

```

Visualiser.Capture.UpdatePosition

Updates the position form a camera.

```

MACRO
Void
UpdatePosition(Avolites.Titan.Controllers.Console.CaptureVisual
iser.CaptureCameraPositionsContainer,
Avolites.Titan.Controllers.Console.CaptureVisualiser.AvailableC
ameras,
Avolites.Titan.Controllers.Console.CaptureVisualiser.CaptureCam
eraPosition)
HTTP
http://[ip]:4430/titan/script/Visualiser/Capture/UpdatePosition

```

Parameters

- positionsContainer**: The positions container.
- selectedCamera**: The selected camera.
- sourcePosition**: The source position.

Visualiser.Capture.Wipe

Deletes the current capture project and creates a new one.

```

MACRO
Void Wipe()
HTTP
http://[ip]:4430/titan/script/Visualiser/Capture/Wipe

```

Visualiser.EnableRendering

Enables or disables the rendering.

```

MACRO
Void EnableRendering(Boolean)
HTTP
http://[ip]:4430/titan/script/Visualiser/EnableRendering

```

Parameters

- enable**:

Visualiser.RefreshControl

```

MACRO
Void RefreshControl()
HTTP
http://[ip]:4430/titan/script/Visualiser/RefreshControl

```

Visualiser.SetMode

MACRO

Void SetMode(VisualiserModes)

HTTP

http://[ip]:4430/titan/script/Visualiser/SetMode

Visualiser.SetView

MACRO

Void SetView(VisualiserViews)

HTTP

http://[ip]:4430/titan/script/Visualiser/SetView

Visualiser.Theatre.New

MACRO

Void New()

HTTP

http://[ip]:4430/titan/script/Visualiser/Theatre/New

Visualiser.Theatre.Open

MACRO

Void Open()

HTTP

http://[ip]:4430/titan/script/Visualiser/Theatre/Open

Visualiser.Theatre.Save

MACRO

Void Save()

HTTP

http://[ip]:4430/titan/script/Visualiser/Theatre/Save

Visualiser.Theatre.Wipe

MACRO

Void Wipe()

HTTP

http://[ip]:4430/titan/script/Visualiser/Theatre/Wipe

3.80.2 Visualiser Properties**Visualiser.Capture.AmbientLighting**

The ambient lighting level, [0.Of, 1.Of].

MACRO

ActionScript.SetProperty(Visualiser.Capture.AmbientLighting,[value])

HTTP

http://[ip]:4430/titan/get/Visualiser/Capture/AmbientLighting

HTTP

POST /titan/set/Visualiser/Capture/AmbientLighting

Visualiser.Capture.ApertureDetail

Gets or sets the aperture detail.

MACRO

ActionScript.SetProperty(Visualiser.Capture.ApertureDetail,[value])

HTTP

http://[ip]:4430/titan/get/Visualiser/Capture/ApertureDetail

```
HTTP
POST /titan/set/Visualiser/Capture/ApertureDetail
```

Visualiser.Capture.AtmosphericDetail

Gets or sets the atmospheric detail.

```
MACRO
ActionScript.SetProperty(Visualiser.Capture.AtmosphericDetail,[
value])
HTTP
http://[ip]:4430/titan/get/Visualiser/Capture/AtmosphericDetail
HTTP
POST /titan/set/Visualiser/Capture/AtmosphericDetail
```

Visualiser.Capture.AtmosphericResolution

Gets or sets the atmospheric resolution.

```
MACRO
ActionScript.SetProperty(Visualiser.Capture.AtmosphericResoluti
on,[value])
HTTP
http://[ip]:4430/titan/get/Visualiser/Capture/AtmosphericResolu
tion
HTTP
POST /titan/set/Visualiser/Capture/AtmosphericResolution
```

Visualiser.CaptureAutomaticExposure

Whether automatic exposure is enabled or not.

```
MACRO
ActionScript.SetProperty(Visualiser.CaptureAutomaticExposure,[
value])
HTTP
http://[ip]:4430/titan/get/Visualiser/Capture/AutomaticExposure
HTTP
POST /titan/set/Visualiser/Capture/AutomaticExposure
```

Visualiser.CaptureAutomaticQuality

Whether to enable automatic quality adjustment or not.

```
MACRO
ActionScript.SetProperty(Visualiser.CaptureAutomaticQuality,[v
alue])
HTTP
http://[ip]:4430/titan/get/Visualiser/Capture/AutomaticQuality
HTTP
POST /titan/set/Visualiser/Capture/AutomaticQuality
```

Visualiser.Capture.AutoUpdate

Gets a value indicating whether Visualiser should automatically update to match the currently patched fixtures.

```
MACRO
ActionScript.SetProperty(Visualiser.Capture.AutoUpdate,[value])
HTTP
http://[ip]:4430/titan/get/Visualiser/Capture/AutoUpdate
HTTP
POST /titan/set/Visualiser/Capture/AutoUpdate
```

Visualiser.Capture.BloomAmount

The strength of the bloom effect, [0.Of, 1.Of].

MACRO

```
ActionScript.SetProperty(Visualiser.Capture.BloomAmount, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Visualiser/Capture/BloomAmount
```

HTTP

```
POST /titan/set/Visualiser/Capture/BloomAmount
```

Visualiser.Capture.CaptureRenderingSettings

Gets or sets the rendering settings.

MACRO

```
ActionScript.SetProperty(Visualiser.Capture.CaptureRenderingSettings, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Visualiser/Capture/CaptureRenderingSettings
```

HTTP

```
POST /titan/set/Visualiser/Capture/CaptureRenderingSettings
```

Visualiser.Capture.CaptureStatus

Gets or sets the capture status.

MACRO

```
ActionScript.SetProperty(Visualiser.Capture.CaptureStatus, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Visualiser/Capture/CaptureStatus
```

HTTP

```
POST /titan/set/Visualiser/Capture/CaptureStatus
```

Visualiser.Capture.ExposureAdjustment

An EV exposure adjustment, [-3.Of, 3.Of].

MACRO

```
ActionScript.SetProperty(Visualiser.Capture.ExposureAdjustment, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Visualiser/Capture/ExposureAdjustment
```

HTTP

```
POST /titan/set/Visualiser/Capture/ExposureAdjustment
```

Visualiser.Capture.FrostedTransparency

Whether to render frosted transparency or not.

MACRO

```
ActionScript.SetProperty(Visualiser.Capture.FrostedTransparency, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Visualiser/Capture/FrostedTransparency
```

HTTP

```
POST /titan/set/Visualiser/Capture/FrostedTransparency
```

Visualiser.Capture.ProjectEmpty

Gets or sets a value indicating whether [project empty].

MACRO
ActionScript.SetProperty(Visualiser.Capture.ProjectEmpty, [value])
HTTP
http://[ip]:4430/titan/get/Visualiser/Capture/ProjectEmpty
HTTP
POST /titan/set/Visualiser/Capture/ProjectEmpty

Visualiser.Capture.ResolutionScaling

Gets or sets the resolution scaling.

MACRO
ActionScript.SetProperty(Visualiser.Capture.ResolutionScaling, [value])
HTTP
http://[ip]:4430/titan/get/Visualiser/Capture/ResolutionScaling
HTTP
POST /titan/set/Visualiser/Capture/ResolutionScaling

Visualiser.Capture.ShadowResolution

Gets or sets the shadow resolution.

MACRO
ActionScript.SetProperty(Visualiser.Capture.ShadowResolution, [value])
HTTP
http://[ip]:4430/titan/get/Visualiser/Capture/ShadowResolution
HTTP
POST /titan/set/Visualiser/Capture/ShadowResolution

Visualiser.Capture.ShowDiagnostics

Gets or sets a value indicating whether [show diagnostics].

MACRO
ActionScript.SetProperty(Visualiser.Capture.ShowDiagnostics, [value])
HTTP
http://[ip]:4430/titan/get/Visualiser/Capture/ShowDiagnostics
HTTP
POST /titan/set/Visualiser/Capture/ShowDiagnostics

Visualiser.Capture.SizeErrorMessageSize

MACRO
ActionScript.SetProperty(Visualiser.Capture.SizeErrorMessageSize, [value])
HTTP
http://[ip]:4430/titan/get/Visualiser/Capture/SizeErrorMessageSize
HTTP
POST /titan/set/Visualiser/Capture/SizeErrorMessageSize

Visualiser.Capture.SmokeDenisty

The smoke density level, [0.Of, 1.Of].

MACRO
ActionScript.SetProperty(Visualiser.Capture.SmokeDenisty, [value])
HTTP
http://[ip]:4430/titan/get/Visualiser/Capture/SmokeDenisty


```
HTTP
POST /titan/set/Visualiser/Capture/SmokeDenisty
```

Visualiser.Capture.SmokeSpeed

The smoke speed, [0.0f, 1.0f].

```
MACRO
ActionScript.SetProperty(Visualiser.Capture.SmokeSpeed,[value])
HTTP
http://[ip]:4430/titan/get/Visualiser/Capture/SmokeSpeed
HTTP
POST /titan/set/Visualiser/Capture/SmokeSpeed
```

Visualiser.Capture.SmokeVariation

The smoke variation level, [0.0f, 1.0f].

```
MACRO
ActionScript.SetProperty(Visualiser.Capture.SmokeVariation,[value])
HTTP
http://[ip]:4430/titan/get/Visualiser/Capture/SmokeVariation
HTTP
POST /titan/set/Visualiser/Capture/SmokeVariation
```

Visualiser.Capture.SpillLighting

Whether to render spill lighting or not.

```
MACRO
ActionScript.SetProperty(Visualiser.Capture.SpillLighting,[value])
HTTP
http://[ip]:4430/titan/get/Visualiser/Capture/SpillLighting
HTTP
POST /titan/set/Visualiser/Capture/SpillLighting
```

Visualiser.Visible

```
MACRO
ActionScript.SetProperty(Visualiser.Visible,[value])
HTTP
http://[ip]:4430/titan/get/Visualiser/Visible
HTTP
POST /titan/set/Visualiser/Visible
```

3.81 Wheels

3.81.1 Wheels Methods

Wheels.FindSomethingToShow

Chooses a view to show on the wheels using the following rules: 1. Shows special wheel displays if any are on the view stack 2. Shows attributes if there are fixtures selected and Expert Touch is not connected. 3. Shows the shape view if there are any in the editor. 4. Shows the connected playback. 5. Shows nothing.

```
MACRO
Void FindSomethingToShow()
HTTP
http://[ip]:4430/titan/script/Wheels/FindSomethingToShow
```

Wheels.ForceConnectedPlaybackView

Forces the wheel view to show the connected playback.

MACRO

Void ForceConnectedPlaybackView()

HTTP

http://[ip]:4430/titan/script/Wheels/ForceConnectedPlaybackView

Wheels.PopCurrentView

Stops overriding the wheel display and reverts to the normal display.

MACRO

Void PopCurrentView(System.String)

HTTP

http://[ip]:4430/titan/script/Wheels/PopCurrentView

Parameters

view: The view to stop showing.

Wheels.PushCurrentView

Changes the view display and overrides the current item being displayed.

MACRO

Void PushCurrentView(System.String)

HTTP

http://[ip]:4430/titan/script/Wheels/PushCurrentView

Parameters

view: The wheel view to display.

Wheels.ResetCurrentView

Resets the current wheel view to its previous view

MACRO

Void ResetCurrentView()

HTTP

http://[ip]:4430/titan/script/Wheels/ResetCurrentView

Wheels.SetCurrentView

Sets the current view. If the Expert Touch is connected the wheel view cannot be set to show attributes.

MACRO

Void SetCurrentView(System.String)

HTTP

http://[ip]:4430/titan/script/Wheels/SetCurrentView

Parameters

view: The view to show.

Wheels.SetWheelsToAttribute

Selects the wheel view.

MACRO

Void
SetWheelsToAttribute(Avolites.Titan.Controllers.AttributeElement)

HTTP

http://[ip]:4430/titan/script/Wheels/SetWheelsToAttribute

3.81.2 Wheels Properties

Wheels.CurrentView

MACRO
ActionScript.SetProperty(Wheels.CurrentView,[value])
HTTP
http://[ip]:4430/titan/get/Wheels/CurrentView
HTTP
POST /titan/set/Wheels/CurrentView

Wheels.UseExpertTouch

Gets or sets a value indicating whether [use expert touch].

MACRO
ActionScript.SetProperty(Wheels.UseExpertTouch,[value])
HTTP
http://[ip]:4430/titan/get/Wheels/UseExpertTouch
HTTP
POST /titan/set/Wheels/UseExpertTouch

Wheels.WingWheelsEnabled

Gets or sets a value indicating whether [wing wheels enabled].

MACRO
ActionScript.SetProperty(Wheels.WingWheelsEnabled,[value])
HTTP
http://[ip]:4430/titan/get/Wheels/WingWheelsEnabled
HTTP
POST /titan/set/Wheels/WingWheelsEnabled

3.82 Windows

3.82.1 Windows Methods

Windows.CycleWindowRegion

MACRO
Void CycleWindowRegion(System.String)
HTTP
http://[ip]:4430/titan/script/Windows/CycleWindowRegion

Windows.Scrolling.Horizontal.LineDown

MACRO
Void HorizontalLineDown()
HTTP
http://[ip]:4430/titan/script/Windows/Scrolling/Horizontal/LineDown

Windows.Scrolling.Horizontal.LineUp

MACRO
Void HorizontalLineUp()
HTTP
http://[ip]:4430/titan/script/Windows/Scrolling/Horizontal/LineUp

Windows.Scrolling.Horizontal.PageDown

MACRO
Void HorizontalPageDown()

HTTP
[http://\[ip\]:4430/titan/script/Windows/Scrolling/Horizontal/PageDown](http://[ip]:4430/titan/script/Windows/Scrolling/Horizontal/PageDown)

Windows.Scrolling.Horizontal.PageUp

MACRO
Void HorizontalPageUp()
HTTP
[http://\[ip\]:4430/titan/script/Windows/Scrolling/Horizontal/PageUp](http://[ip]:4430/titan/script/Windows/Scrolling/Horizontal/PageUp)

Windows.Scrolling.Horizontal.Scroll

MACRO
Void HorizontalScroll(Int32)
HTTP
[http://\[ip\]:4430/titan/script/Windows/Scrolling/Horizontal/Scroll](http://[ip]:4430/titan/script/Windows/Scrolling/Horizontal/Scroll)

Windows.Scrolling.Vertical.LineDown

MACRO
Void VerticalLineDown()
HTTP
[http://\[ip\]:4430/titan/script/Windows/Scrolling/Vertical/LineDown](http://[ip]:4430/titan/script/Windows/Scrolling/Vertical/LineDown)

Windows.Scrolling.Vertical.LineUp

MACRO
Void VerticalLineUp()
HTTP
[http://\[ip\]:4430/titan/script/Windows/Scrolling/Vertical/LineUp](http://[ip]:4430/titan/script/Windows/Scrolling/Vertical/LineUp)

Windows.Scrolling.Vertical.PageDown

MACRO
Void VerticalPageDown()
HTTP
[http://\[ip\]:4430/titan/script/Windows/Scrolling/Vertical/PageDown](http://[ip]:4430/titan/script/Windows/Scrolling/Vertical/PageDown)

Windows.Scrolling.Vertical.PageUp

MACRO
Void VerticalPageUp()
HTTP
[http://\[ip\]:4430/titan/script/Windows/Scrolling/Vertical/PageUp](http://[ip]:4430/titan/script/Windows/Scrolling/Vertical/PageUp)

Windows.Scrolling.Vertical.Scroll

MACRO
Void VerticalScroll(Int32)
HTTP
[http://\[ip\]:4430/titan/script/Windows/Scrolling/Vertical/Scroll](http://[ip]:4430/titan/script/Windows/Scrolling/Vertical/Scroll)

Windows.SetWindowRegion

MACRO
Void SetWindowRegion(System.String, System.String)
HTTP
[http://\[ip\]:4430/titan/script/Windows/SetWindowRegion](http://[ip]:4430/titan/script/Windows/SetWindowRegion)

3.82.2 Windows Properties

Windows.Scrolling.ScrollLock

MACRO
ActionScript.SetProperty(Windows.Scrolling.ScrollLock,[value])
HTTP
http://[ip]:4430/titan/get/Windows/Scrolling/ScrollLock
HTTP
POST /titan/set/Windows/Scrolling/ScrollLock

3.83 Workspace

3.83.1 Workspace Methods

Workspace.Apply

Applies the specified workspace.

MACRO
Void Apply(Avolites.Titan.Controllers.Handles.Handle)
HTTP
http://[ip]:4430/titan/script/Workspace/Apply

Parameters

handle: The handle.

Workspace.ApplyWorkspaceById

Applies the workspace by id.

MACRO
Void ApplyWorkspaceById(Int32)
HTTP
http://[ip]:4430/titan/script/Workspace/ApplyWorkspaceById

Parameters

id: The id.

Workspace.IsAllowedGroup

Determines whether workspaces are allowed to be recorded in the group supplied.

MACRO
Boolean IsAllowedGroup(System.String)
HTTP
http://[ip]:4430/titan/script/Workspace/IsAllowedGroup

Parameters

group: The group.

Workspace.Record

Records a workspace to a handle

MACRO
Void Record(Avolites.Titan.Controllers.Handles.Handle, System.String, Int32, Boolean, Boolean)
HTTP
http://[ip]:4430/titan/script/Workspace/Record

Parameters

handle: The handle.

name: The name.

icon: The icon.

visibleOnly: if set to
removeOthers: if set to

Workspace.Record.SetFreeUserNumber

Sets the given menu property to a free user number.

MACRO

```
Void SetToFreeWorkspaceUserNumber(System.String)
```

HTTP

```
http://[ip]:4430/titan/script/Workspace/Record/SetFreeUserNumber
```

Parameters

propertyId: The menu property to set to a free user number.

Workspace.RecordByUserNumber

Records a workspace just by user number with no handle.

MACRO

```
Void RecordByUserNumber(Avolites.Acw.Titan.AcwUserNumber,  
System.String, Boolean, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Workspace/RecordByUserNumber
```

Parameters

userNumber: The user number.

name: The name.

visibleOnly: if set to

removeOthers: if set to

Workspace.RecordReplaceByHandle

Replaces the workspace on the specified handle

MACRO

```
Void  
RecordReplaceByHandle(Avolites.Titan.Controllers.Handles.Handle  
, System.String, Boolean, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Workspace/RecordReplaceByHandle
```

Parameters

handle: The handle to replace.

name: The name.

visibleOnly: if set to

removeOthers: if set to

Workspace.RecordReplaceByUserNumber

Replaces the workspace with a given user number

MACRO

```
Void  
RecordReplaceByUserNumber(Avolites.Acw.Titan.AcwUserNumber,  
System.String, Boolean, Boolean)
```

HTTP

```
http://[ip]:4430/titan/script/Workspace/RecordReplaceByUserNumber
```

Parameters

userNumber: The user number.

name: The name.

visibleOnly: if set to

removeOthers: if set to

Workspace.SetCurrentViewFromHandle

Sets the current view from a handle.

MACRO

```
Void
SetCurrentViewFromHandle(Avolites.Titan.Controllers.Handles.Handle)
```

HTTP

```
http://[ip]:4430/titan/script/Workspace/SetCurrentViewFromHandle
```

Parameters

handle: The handle.

Workspace.SetCurrentViewFromUserNumber

Sets the current View information from the user number.

MACRO

```
Void
SetCurrentViewFromUserNumber(Avolites.Acw.Titan.AcwUserNumber)
```

HTTP

```
http://[ip]:4430/titan/script/Workspace/SetCurrentViewFromUserNumber
```

Parameters

userNumber: The user number of the View to set the current information to.

3.83.2 Workspace Properties**Workspace.CurrentUserNumber**

Gets or sets the current View user number.

MACRO

```
ActionScript.SetProperty(Workspace.CurrentUserNumber,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Workspace/CurrentUserNumber
```

HTTP

```
POST /titan/set/Workspace/CurrentUserNumber
```

Workspace.CurrentViewExists

Gets or sets whether the current View exists.

MACRO

```
ActionScript.SetProperty(Workspace.CurrentViewExists,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Workspace/CurrentViewExists
```

HTTP

```
POST /titan/set/Workspace/CurrentViewExists
```

Workspace.CurrentViewHandle

Gets or sets the current view handle.

MACRO

```
ActionScript.SetProperty(Workspace.CurrentViewHandle,[value])
```

HTTP

```
http://[ip]:4430/titan/get/Workspace/CurrentViewHandle
```

HTTP

```
POST /titan/set/Workspace/CurrentViewHandle
```

Workspace.CurrentViewId

Gets or sets the current View id.

MACRO

```
ActionScript.SetProperty(Workspace.CurrentViewId, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Workspace/CurrentViewId
```

HTTP

```
POST /titan/set/Workspace/CurrentViewId
```

Workspace.CurrentViewName

Gets or sets the current View name.

MACRO

```
ActionScript.SetProperty(Workspace.CurrentViewName, [value])
```

HTTP

```
http://[ip]:4430/titan/get/Workspace/CurrentViewName
```

HTTP

```
POST /titan/set/Workspace/CurrentViewName
```