

# Plugin *CtrlMainMenu* Documentation

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**Date of Release:** **13.04.2016**

<b>Document-Version:</b>	2.3
<b>Plugin-Version</b>	3.3.00 and above
<b>Author:</b>	Fabian Schmid, studer + raimann ag

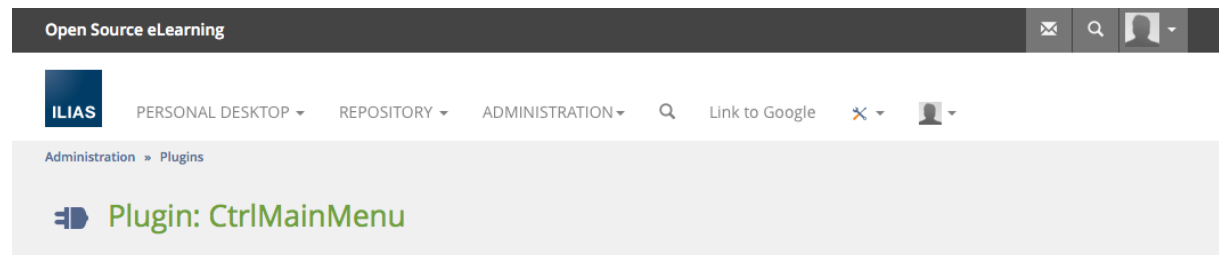
Document-Version	Author	Changes
1.0	Martin Studer	Created
1.1	Fabian Schmid	Updated Installation-Guide with git
1.3	Fabian Schmid	New Entry-Types
2.0	Fabian Schmid	New Release of CtrIMM-Plugin for ILIAS 5
2.1	Fabian Schmid	-
2.2	Fabian Schmid	Documentation of new Features: <ul style="list-style-type: none"><li>- Add some User-Fields as parameter to links</li><li>- Use PHP-Scripts for Access-Checks</li></ul>
2.3	Fabian Schmid	Documentation of new Features: <ul style="list-style-type: none"><li>- Disable current link in personal desktop</li></ul>

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# 1 Introduction

The CtrlMainMenu-Plugin gives you the possibility to customize the Main Menu of ILIAS by configuration.



Please star the Plugin on the GitHub-Page. So you let us know that you use this plugin and we will publish the Plugin also for 5.1, 5.2 and further.

## 1.1 Supported ILIAS-Versions

Currently the plugins supports ILIAS 4.4 and 5.0.

ILIAS Versions	4.4 and above
Pricing Model	Free of charge
Download	<a href="https://github.com/studer-raimann/CtrlMainMenu">https://github.com/studer-raimann/CtrlMainMenu</a>
Paid Support	<a href="http://studer-raimann.ch/dienstleistungen/support.html">http://studer-raimann.ch/dienstleistungen/support.html</a>
Feature Requests	<a href="https://github.com/studer-raimann/CtrlMainMenu/issues">https://github.com/studer-raimann/CtrlMainMenu/issues</a>
Bug Tracker	<a href="https://github.com/studer-raimann/CtrlMainMenu/issues">https://github.com/studer-raimann/CtrlMainMenu/issues</a>

## 2 Feature Overview

### PL-Version      Changes

1.0.0	The CtrlMainMenu-Plugin gives you the possibility to customize the Main Menu of ILIAS by configuration.
2.0.0	<p>A lot of new Entry-Types can be created, such as</p> <ul style="list-style-type: none"> <li>• Login/Logout</li> <li>• Search</li> <li>• User-Preferences</li> </ul>
3.0.0	Support for ILIAS 5 and extending from ActiveRecord
3.1.0	Experimental Support for ilGlobalCache
3.2.0	<ul style="list-style-type: none"> <li>- Add some User-Fields as parameter to links</li> <li>- Use PHP-Scripts for Access-Checks</li> </ul>
3.3.0	<ul style="list-style-type: none"> <li>- The Menu Type "Personal Desktop" supports to deactivate links which the user is currently on.</li> </ul>

## 3 Installation

### 3.1 ActiveRecord

Since ILIAS 4.4 does not include the ActiveRecord in core, you need to install this component separately. If you use ILIAS 5.0, you can skip this step

```
cd /PATH/TO/ILIAS/ROOT
mkdir -p Customizing/global/plugins/Libraries
cd Customizing/global/plugins/Libraries
git clone https://github.com/studer-raimann/ActiveRecord.git
```

### 3.2 Plugin

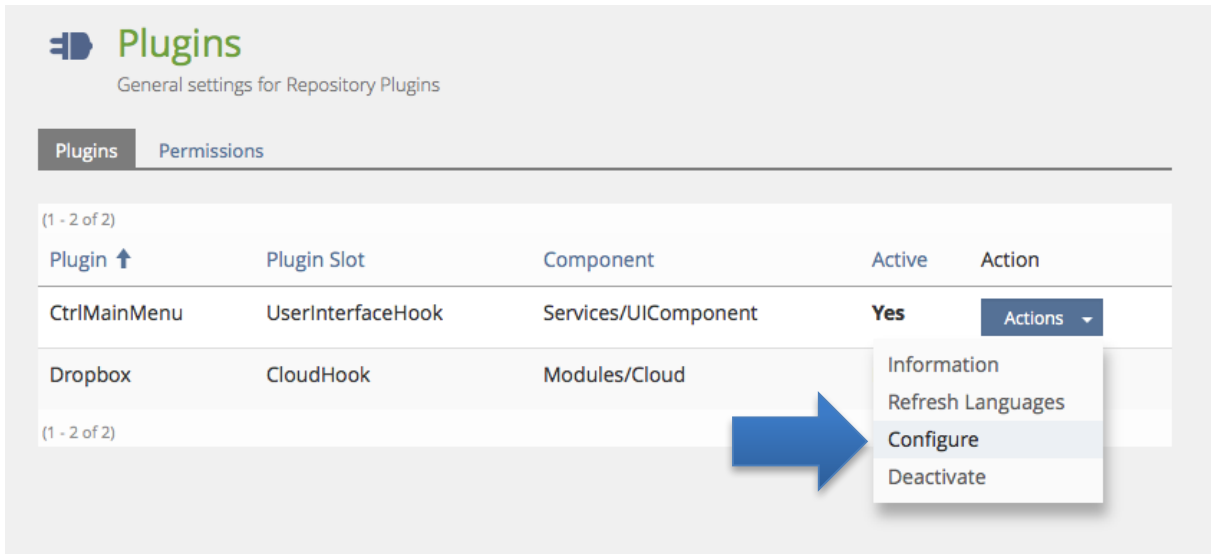
Change back to your ILIAS-Root-Directory and install the plugin using the following commands:

```
cd /PATH/TO/ILIAS/ROOT
mkdir -p Customizing/global/plugins/Services/UIComponent/UserInterfaceHook/
cd Customizing/global/plugins/Services/UIComponent/UserInterfaceHook/
git clone https://github.com/studer-raimann/CtrlMainMenu.git
```

Navigate to the ILIAS Administration and activate the plugin.

## 4 Usage of the Plugin

The Plugin can be configured in the ILIAS-Administration in Plugins, choose Actions → Configure on Entry CtrlMainMenu.



**Plugins**  
General settings for Repository Plugins

Plugins Permissions

(1 - 2 of 2)

Plugin ↑	Plugin Slot	Component	Active	Action
CtrlMainMenu	UserInterfaceHook	Services/UIComponent	Yes	Actions ▾
Dropbox	CloudHook	Modules/Cloud		

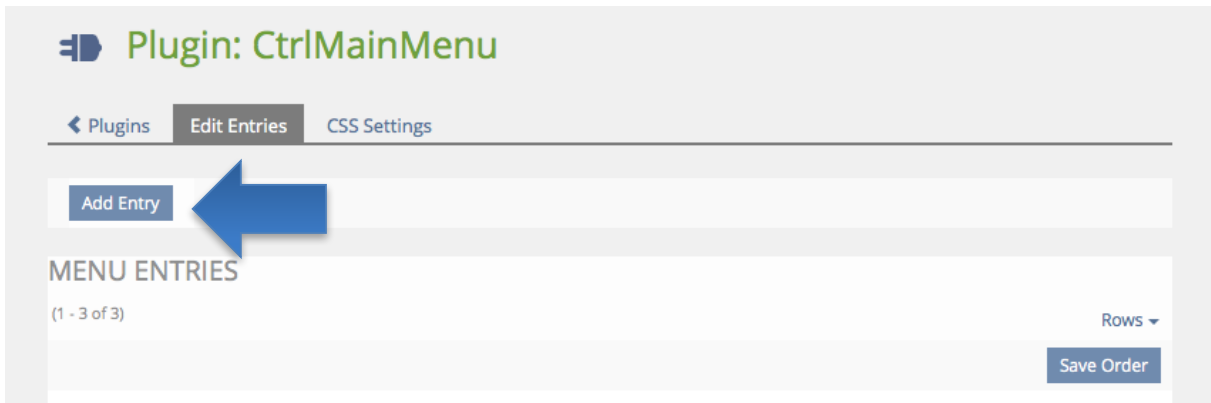
(1 - 2 of 2)

Information  
Refresh Languages  
Configure  
Deactivate

### 4.1 Managing Menu-Entries

#### 4.1.1 Adding Entry

Choose „Add Entry“ in the Plugin-Configuration.



**Plugin: CtrlMainMenu**

Plugins Edit Entries CSS Settings

Add Entry

**MENU ENTRIES**

(1 - 3 of 3)

Rows ▾

Save Order

Select an Entry-Type:



**SELECT TYPE**

Type ilCtrl

Select Type Cancel

## Entry-Type      Functionality

<b>ilCtrl</b>	One of the most important Entry-Types in the Plugin. ILIAS-Administrators or Developers can create Menu-Entries to almost every location in ILIAS by adding Base- and CommandClasses. This requires some knowledge in ILIAS-Control-Structure. But nothing bad can happen. If you add a wrong combination of Classes in the Cmd-Class-Field, the field will be highlighted in red. Working combinations of classes result in a green field. And also when the Menu is rendered, only working links are used.
<b>URL</b>	Simple link to an external or internal link.
<b>Dropdown</b>	Use Dropdown as a container for more Entries.
<b>Ref-ID</b>	Link to a Ref-ID in ILIAS.
<b>Last visited</b>	Dropdown with the links to the last visited objects in ILIAS.
<b>Personal Desktop</b>	ILIAS-Standard Dropdown for the Personal Desktop.
<b>Repository</b>	ILIAS-Standard Dropdown for the Repository.
<b>User Settings</b>	Simple Form for changing Settings like Language, Skin, E-Mail, ...
<b>Separator</b>	Just a separator between two Entries. Also see 5.1.
<b>Quick-Search</b>	Search-Menu-Item
<b>Mail-Status</b>	Shows how much unread Mails a user has.
<b>Authentication</b>	Login/Logout Button



## 4.2 Set Entry-Properties

ADD NEW ENTRY
Save and close
Cancel

Select Access Type \*
☐ No Access Control
☒ Restrict to Role

Input:
☐ Administrator (2)
☒ User (4)
☐ Guest (5)
☐ Anonymous (14)

Locale Roles
Enter IDs of locale Roles commaseperated

☐ All Roles except the following
☐ Read Permission to Ref-ID
☐ Write Permission to Ref-ID
☐ Only for some Users

TITLE

German \*
 Mail

English
 Mail

TYPE SPECIFIC SETTINGS

GUI Classes, comma-separated \*
 iMailGUI

Command

Ref-ID

\* Required
Save and close
Cancel

### 4.2.1 Access-Control

Select Access Type \*
☐ No Access Control
☒ Restrict to Role

Input:
☐ Administrator (2)
☒ User (4)
☐ Guest (5)
☐ Anonymous (14)

Locale Roles
Enter IDs of locale Roles commaseperated

☐ All Roles except the following
☐ Read Permission to Ref-ID
☐ Write Permission to Ref-ID
☐ Only for some Users
☐ Check Permission per Script (Advanced Option)

**Control****Description**

<b>No access control</b>	The entry is always visible
<b>restrict to role</b>	Choose one or more global roles, which see the entry. Local roles can be added comma-separated
<b>All roles except the following</b>	All roles except of the chosen will see the entry
<b>Read-Permission to ref-id</b>	Only users with read-permission on e ref-id can see the entry
<b>Write-Permission to ref-id</b>	Only users with write-permission on e ref-id can see the entry
<b>Only for some users</b>	Add user-ids comma-separated which can see the entry.
<b>Check Permission per Script (Advanced option)</b>	A PHP-Class on the Webserver can decide whether a entry is displayed or not. Fill in the path to the Script, the Class-Name and the public method which will be called. The method should have a Boolean-return-value. The constructor of the class has to be public and accessible without parameters. This is an advanced option. Only use this option if you are used to PHP-development.

**4.2.2 Translations**

You can provide a Translation for each activated language in ILIAS:

**TITLE**

German *	<input type="text" value="Mail"/>
English	<input type="text" value="Mail"/>

**4.2.3 Type-specific Settings**

Some Entry-Types have specific settings:

**TYPE SPECIFIC SETTINGS**

GUI Classes, comma-separated \*

ilMailGUI

Command

Ref-ID

\* Required

Save and close

Cancel

#### 4.2.4 User-Fields

Some entry-types have additional parameters which can be added to the entry links. These parameters are:

- Username
- Firstname
- Lastname
- User-ID
- Matriculation
- E-Mail
- Language
- Country
- Department
- All user-defined fields

The parameter-key can be defined as desired. The parameter-values are url-encoded<sup>1</sup>.

<sup>1</sup> <http://php.net/manual/de/function.urlencode.php>

### 4.3 Global Settings

CONFIGURATION

Save

CSS Prefix

il

CSS Class active

MMActive

CSS Class inactive

MMInactive

Replace Full Header  
(experimental)

☐

Save

#### Setting

#### Description

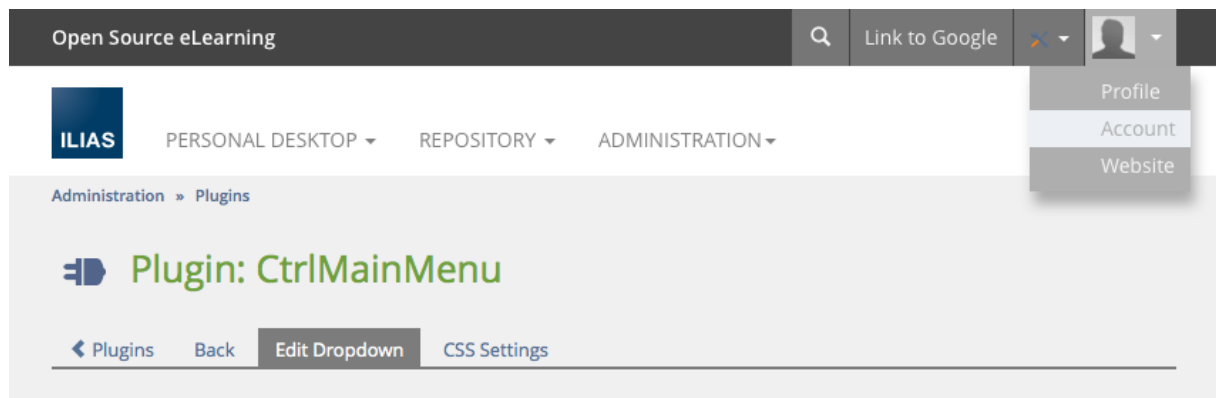
CSS-Prefix	It's easier to customize a ILIAS-Menu with own css-Prefixes. An example can be activated by setting to „fb“.
CSS active-Class	Class of an active Entry
CSS inactive-Class	Class of an inactive Entry
Replace full header	You can replace the full ILIAS-Header with the Ctrl-Main-menu-Plugin which allows e left and a right MainMenu (e.g. in following Screenshot). See also 5.1.

## 5 Experimental Features

The menu provides some more features, which currently are not fully tested. If you are using this features, bugs may occur.

### 5.1 Replace full header

Active „Replace full header“ in the global settings. This allows you to use the upper part of the ILIAS-Header for entries as well. Add a Entry-Type „Separator“. All entries after the first Separator will be rendered in the upper part of the header:



### 5.2 Global-Cache

Switch to the Cache-Tab to activate ilGlobalCache Support (experimental, ILIAS 5.0+ only):

