

```
In [1]: import os
import json
from dotenv import load_dotenv

assert load_dotenv()
# os.environ["OPENAI_MODEL_NAME"] = "gpt-4o"
os.environ["OPENAI_MODEL_NAME"] = "gpt-4o-mini"

In [2]: from crewai import Agent, Task, Crew
from crewai.tools import ScrapeWebsiteTool
import agentops

/Users/user/repository/.venv/lib/python3.12/site-packages/pydantic/_internal/_config.py:341: UserWarning: Valid config keys have changed in V2:
* "underscore_attrs_are_private" has been removed
  warnings.warn(message, UserWarning)
/Users/user/repository/.venv/lib/python3.12/site-packages/pydantic/segmenter.py:66: SyntaxWarning: Invalid escape sequence '\s'
  for match in re.finditer('(0)\s+'.format(re.escape(sent)), self.original_text):
/Users/user/repository/.venv/lib/python3.12/site-packages/pydantic/lang/arabic.py:29: SyntaxWarning: Invalid escape sequence '\.'
  txt = re.sub('(<=10)\.format(am, '\$)', txt)
/Users/user/repository/.venv/lib/python3.12/site-packages/pydantic/lang/persian.py:29: SyntaxWarning: Invalid escape sequence '\.'
  txt = re.sub('(<=10)\.format(am, '\$)', txt)

In [3]: agentops.init(default_tags=["dummy"])

AgentOps: Session Replay: https://app.agentops.ai/drilldown?session_id=da8386ef-6f5f-47d6-8602-3cb0d4b3e3b
Out[3]: <agentops.session.Session at 0x17f193b60>

In [4]: crew_scrape_tool = ScrapeWebsiteTool()

dummy_agent = Agent(
    role="Dummy",
    goals="You are librarian of an online library.",
    backstory="You are the owner of the website https://books.toscrape.com/ ",
    tools=[crew_scrape_tool],
    allow_delegation=False,
    verbose=True,
)

from pydantic import BaseModel, Field
from typing import List

class Topics(BaseModel):
    """List of topics"""
    topics: List[str] = Field(description="List of one word topics")

dummy_task = Task(
    description=(
        "The task is to browse the online library website: https://books.toscrape.com/ and "
        "find a list of topics form the topics available in the website."
    ),
    tools=[crew_scrape_tool],
    expected_output="List of topics in JSON format",
    agent=dummy_agent,
    output_json=Topics,
)

dummy_crew = Crew(
    agents=[
        dummy_agent,
    ],
    tasks=[dummy_task],
    memory=False,
    verbose=True,
)

dummy_crew_output = dummy_crew.kickoff()

print(dummy_crew_output.json_dict)

# Agent: Dummy
## Task: The task is to browse the online library website: https://books.toscrape.com/ and find a list of topics form the topics available in the website.

# Agent: Dummy
## Thought: I need to browse the online library website to find a list of topics available on the site.
## Using tool: Read website content
## Tool Input:
>(*website_url*: "https://books.toscrape.com/")
## Tool Output:
All products | Books to Scrape - Sandbox
Books to Scrape We love being scrapped!
Home
All products
Books
Travel
Mystery
Historical Fiction
Sequential Art
Classics
Philosophy
Romance
Womens Fiction
Fiction
Childrens
Religion
Nonfiction
Music
Default
Science Fiction
Sports and Games
Add a comment
Fantasy
New Adult
Young Adult
Science
Poetry
Paranormal
Art
Psychology
Autobiography
Parenting
Adult Fiction
Humor
Horror
History
Food and Drink
Christian Fiction
Business
Biography
Thriller
Contemporary
Spirituality
Academic
Self Help
Historical
Christian
Suspense
Short Stories
Novels
Health
Politics
Cultural
Erotica
Crime
All products
1000 results - showing 1 to 20.
Warning! This is a demo website for web scraping purposes. Prices and ratings here were randomly assigned and have no real meaning.
A Light in the ...
£51.77
In stock
Add to basket
Tipping the Velvet
£53.74
In stock
Add to basket
Submission
£50.10
In stock
Add to basket
Sharp Objects
£47.82
In stock
Add to basket
Sapiens: A Brief History ...
£54.23
In stock
Add to basket
The Requiem Red
£22.65
In stock
Add to basket
The Dirty Little Secrets ...
£33.34
In stock
Add to basket
The Coming Woman: A ...
£17.93
In stock
Add to basket
The Boys in the ...
£22.60
In stock
Add to basket
The Black Maria
£52.15
In stock
Add to basket
Starving Hearts (Triangular Trade ...
£13.99
In stock
Add to basket
Shakespeare's Sonnets
£20.66
In stock
Add to basket
Set Me Free
£17.46
In stock
Add to basket
Scott Pilgrim's Precious Little ...
£52.29
In stock
Add to basket
Rip it Up and ...
£35.02
In stock
Add to basket
Our Band Could Be ...
£37.25
In stock
Add to basket
Olio
£23.88
In stock
Add to basket
Mesaerion: The Best Science ...
£37.59
In stock
Add to basket
Libertarianism For Beginners
£51.33
In stock
Add to basket
It's Only the Himalayas
£45.17
In stock
Add to basket
Page 1 of 50
next

# Agent: Dummy
## Final Answer:
{
  "topics": [
    "Travel",
    "Mystery",
    "Historical Fiction",
    "Sequential Art",
    "Classics",
    "Philosophy",
    "Romance",
    "Womens Fiction",
    "Fiction",
    "Childrens",
    "Religion",
    "Nonfiction",
    "Music",
    "Default",
    "Science Fiction",
    "Sports and Games",
    "Fantasy",
    "New Adult",
    "Young Adult",
    "Science",
    "Poetry",
    "Paranormal",
    "Art",
    "Psychology",
    "Autobiography",
    "Parenting",
    "Adult Fiction",
    "Humor",
    "Horror",
    "History",
    "Food and Drink",
    "Christian Fiction",
    "Business",
    "Biography",
    "Thriller",
    "Contemporary",
    "Spirituality",
    "Academic",
    "Self Help",
    "Historical",
    "Christian",
    "Suspense",
    "Short Stories",
    "Novels",
    "Health",
    "Politics",
    "Cultural",
    "Erotica",
    "Crime"
  ]
}

AgentOps: Session Stats - Duration: 8.7s | Cost: 80.000385 | LLMs: 2 | Tools: 1 | Actions: 0 | Errors: 0
AgentOps: Session Replay: https://app.agentops.ai/drilldown?session_id=da8386ef-6f5f-47d6-8602-3cb0d4b3e3b
{
  "topics": [
    "Travel",
    "Mystery",
    "Historical Fiction",
    "Sequential Art",
    "Classics",
    "Philosophy",
    "Romance",
    "Womens Fiction",
    "Fiction",
    "Childrens",
    "Religion",
    "Nonfiction",
    "Music",
    "Default",
    "Science Fiction",
    "Sports and Games",
    "Fantasy",
    "New Adult",
    "Young Adult",
    "Science",
    "Poetry",
    "Paranormal",
    "Art",
    "Psychology",
    "Autobiography",
    "Parenting",
    "Adult Fiction",
    "Humor",
    "Horror",
    "History",
    "Food and Drink",
    "Christian Fiction",
    "Business",
    "Biography",
    "Thriller",
    "Contemporary",
    "Spirituality",
    "Academic",
    "Self Help",
    "Historical",
    "Christian",
    "Suspense",
    "Short Stories",
    "Novels",
    "Health",
    "Politics",
    "Cultural",
    "Erotica",
    "Crime"
  ]
}

In [5]: dummy_agent2 = Agent(
    role="Dummy",
    goals="You are librarian of an online library.",
    backstory="You are the owner of the website https://books.toscrape.com/ ",
    tools=[crew_scrape_tool],
    allow_delegation=False,
    verbose=True,
)

dummy_task2 = Task(
    description=(
        "The task is to browse the online library website: https://books.toscrape.com/ and find a new book which "
        "is similar to this topic: {topic}, and return its name. If you are not able to find a book similar to "
        "the topic, return any book name from the website you find fascinating."
    ),
    tools=[crew_scrape_tool],
    expected_output="Give the name of the book. Make sure the name is JSON serializable",
    agent=dummy_agent2,
)

dummy_crew2 = Crew(
    agents=[
        dummy_agent2,
    ],
    tasks=[dummy_task2],
    memory=False,
    verbose=True,
)

AgentOps: Error: 'NoneType' object has no attribute 'create_agent'
AgentOps: Failed to track an agent with the @track_agent decorator.
2024-10-18 16:06:53,432 - 8327000640 - __init__py__init__:538 - WARNING: Overriding of current TracerProvider is not allowed
AgentOps: Failed to track an agent with the @track_agent decorator.
2024-10-18 16:06:53,432 - 8327000640 - __init__py__init__:538 - WARNING: Overriding of current TracerProvider is not allowed

In [6]: # Note the error and its traceback

AgentOps: Error: 'NoneType' object has no attribute 'create_agent'
# Traceback (most recent call last):
# File ~/Users/user/repository/.venv/lib/python3.12/site-packages/agentops/decorators.py, line 335, in new_init
# Client().create_agent()
# File ~/Users/user/repository/.venv/lib/python3.12/site-packages/agentops/meta_client.py, line 64, in wrapper
# raise e
# File ~/Users/user/repository/.venv/lib/python3.12/site-packages/agentops/meta_client.py, line 55, in wrapper
# return method(self, *args, **kwargs)
# ..
# File ~/Users/user/repository/.venv/lib/python3.12/site-packages/agentops/client.py, line 308, in create_agent
# session.create_agent(name=name, agent_id=agent_id)
# ..
```

