

Spyder (Python 3.13)

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C:\Users\pc\OneDrive\Desktop\orchestrator.py

writer\_agent.py x critic\_agent.py x orchestrator.py x research\_agent.py x

```
1
2 import os
3 import sys
4 import json
5 import datetime
6 import traceback
7
8
9 # Try to import agent classes – give a helpful error if they are missing
10 try:
11     from research_agent import ResearchAgent
12     from writer_agent import WriterAgent
13     from critic_agent import CriticAgent
14 except Exception as e:
15     print("ERROR: Could not import agent modules. Make sure these files exist in the same folder")
16     print(" - research_agent.py (class ResearchAgent)")
17     print(" - writer_agent.py (class WriterAgent)")
18     print(" - critic_agent.py (class CriticAgent)")
19     print("\nDetailed import error:")
20     traceback.print_exc()
21     raise SystemExit(1)
22
23
24 # Logging helper
25 def log_interaction(agent_name: str, message: str):
26     os.makedirs("outputs", exist_ok=True)
27     timestamp = datetime.datetime.now().strftime("%Y-%m-%d %H:%M:%S")
28     safe_message = message if isinstance(message, str) else json.dumps(message, indent=2, ensure_ascii=False)
29     log_line = f"[{timestamp}] {agent_name}: {safe_message}\n\n"
30     with open(os.path.join("outputs", "logs.txt"), "a", encoding="utf-8") as f:
31         f.write(log_line)
32
33
34 def save_final_article(text: str):
35     os.makedirs("outputs", exist_ok=True)
36     out_path = os.path.join("outputs", "final_article.txt")
37     with open(out_path, "w", encoding="utf-8") as f:
38         f.write(text)
39     print(f"\n✅ Final article saved to: {out_path}")
```

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C:\Users\pc\OneDrive\Desktop

No variables to show

Run code in the Editor or IPython console to see any global variables listed here for exploration and editing.

Help Variable Explorer Debugger Plots Files

Console 1/A x

```
[WriterAgent] Writing dummy article (no API)...
WriterAgent produced a draft.

[3/3] Critic/Editor agent running...
[CriticAgent] Reviewing article...
CriticAgent raised an error:
Traceback (most recent call last):
  File "c:\users\pc\onedrive\desktop\orchestrator.py", line 109, in main
    critique_output = critic_agent.critique(draft_article)
  File "C:\Users\pc\OneDrive\Desktop\critic_agent.py", line 16, in critique
    return self.llm(prompt)
           ~~~~~^~~~~~
TypeError: 'OpenAI' object is not callable

In [4]: %runfile C:/Users/pc/OneDrive/Desktop/orchestrator.py --wdir
Reloaded modules: research_agent, writer_agent, critic_agent
=== Agentic AI – Orchestrator ===
```

IPython Console History

Update available Inline Conda: anaconda3 (Python 3.13.5) LSP: Python Line 8, Col 1 UTF-8 CRLF RW Mem 92%

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