

```
from swarms import (  
    Agent as SwarmsAgent,  
) # Import the base Agent class from Swarms  
  
from griptape.structures import Agent as GriptapeAgent  
  
from griptape.tools import (  
    WebScraperTool,  
    FileManagerTool,  
    PromptSummaryTool,  
)  
  
  
# Create a custom agent class that inherits from SwarmsAgent  
  
class GriptapeSwarmsAgent(SwarmsAgent):  
    def __init__(self, *args, **kwargs):  
        # Initialize the Griptape agent with its tools  
  
        self.agent = GriptapeAgent(  
            input="Load {{ args[0] }}, summarize it, and store it in a file called {{ args[1] }}.",  
            tools=[  
                WebScraperTool(off_prompt=True),  
                PromptSummaryTool(off_prompt=True),  
                FileManagerTool(),  
            ],  
            *args,  
            **kwargs,  
            # Add additional settings  
        )
```

Override the run method to take a task and execute it using the Griptape agent

```
def run(self, task: str) -> str:
```

```
    # Extract URL and filename from task (you can modify this parsing based on task structure)
```

```
    url, filename = task.split(
```

```
        ", "
```

```
    ) # Example of splitting task string
```

```
    # Execute the Griptape agent with the task inputs
```

```
    result = self.agent.run(url.strip(), filename.strip())
```

```
    # Return the final result as a string
```

```
    return str(result)
```

Example usage:

```
griptape_swarms_agent = GriptapeSwarmsAgent()
```

```
output = griptape_swarms_agent.run(
```

```
    "https://griptape.ai, griptape.txt"
```

```
)
```

```
print(output)
```