```python
from swarm_models import OpenAIChat

from swarms.structs.agent import Agent

from swarms.structs.message_pool import MessagePool


# Create agents

agent1 = Agent(llm=OpenAIChat(), agent_name="agent1")

agent2 = Agent(llm=OpenAIChat(), agent_name="agent2")

agent3 = Agent(llm=OpenAIChat(), agent_name="agent3")


# Create moderator agent

moderator = Agent(agent_name="moderator")


# Create a list of agents

agents = [agent1, agent2, agent3]


# Create a message pool with 5 turns

message_pool = MessagePool(

    agents=agents, moderator=moderator, turns=5

)


# Add messages to the message pool

message_pool.add(agent=agent1, content="Hello, agent2!", turn=1)

message_pool.add(agent=agent2, content="Hello, agent1!", turn=1)

message_pool.add(agent=agent3, content="Hello, agent1!", turn=1)


# Get all messages in the message pool
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message_pool.get_all_messages()


# Get visible messages for agent1 in turn 1

message_pool.get_visible_messages(agent=agent1, turn=1)


# Get visible messages for agent2 in turn 1

message_pool.get_visible_messages(agent=agent2, turn=1)
```