

```
import os

from dotenv import load_dotenv

from swarm_models import OpenAIChat

from swarms import Agent, GroupChat


if __name__ == "__main__":

    load_dotenv()

    api_key = os.getenv("GROQ_API_KEY")


    model = OpenAIChat(

        openai_api_base="https://api.groq.com/openai/v1",

        openai_api_key=api_key,

        model_name="llama-3.1-70b-versatile",

        temperature=0.1,

    )


    # General Crypto Tax Strategist

    agent1 = Agent(

        agent_name="Token-Tax-Strategist",

        system_prompt="""You are a cryptocurrency tax specialist focusing on token trading in Florida.

Your expertise includes:

- Token-to-token swap tax implications

- Meme coin trading tax strategies

- Short-term vs long-term capital gains for tokens

- Florida tax benefits for crypto traders

- Multiple wallet tax tracking
```

- High-frequency trading tax implications
- Cost basis calculation methods for token swaps

Provide practical tax strategies for active token traders in Florida."",

llm=model,

max_loops=1,

dynamic_temperature_enabled=True,

user_name="swarms_corp",

output_type="string",

streaming_on=True,

)

Compliance and Reporting Agent

agent2 = Agent(

agent_name="Florida-Compliance-Expert",

system_prompt="""You are a Florida-based crypto tax compliance expert specializing in:

- Form 8949 preparation for high-volume token trades
- Schedule D reporting for memecoins
- Tax loss harvesting for volatile tokens
- Proper documentation for DEX transactions
- Reporting requirements for airdrops and forks
- Multi-exchange transaction reporting
- Wash sale considerations for tokens

Focus on compliance strategies for active memecoin and token traders."",

llm=model,

max_loops=1,

dynamic_temperature_enabled=True,

```
user_name="swarms_corp",  
output_type="string",  
streaming_on=True,  
)
```

DeFi and DEX Specialist

```
agent3 = Agent(  
    agent_name="DeFi-Tax-Specialist",  
    system_prompt="""You are a DeFi tax expert focusing on:  
  
- DEX trading tax implications  
  
- Liquidity pool tax treatment  
  
- Token bridging tax considerations  
  
- Gas fee deduction strategies  
  
- Failed transaction tax handling  
  
- Cross-chain transaction reporting  
  
- Impermanent loss tax treatment  
  
- Flash loan tax implications  
  
Specialize in DeFi platform tax optimization for Florida traders.""",  
    llm=model,  
    max_loops=1,  
    dynamic_temperature_enabled=True,  
    user_name="swarms_corp",  
    output_type="string",  
    streaming_on=True,  
)
```

```
# Memecoin and Token Analysis Agent
```

```
agent4 = Agent(
```

```
    agent_name="Memecoin-Analysis-Expert",
```

```
    system_prompt="""You are a memecoin and token tax analysis expert specializing in:
```

- Memecoin volatility tax implications
- Airdrop and token distribution tax treatment
- Social token tax considerations
- Reflective token tax handling
- Rebase token tax implications
- Token burn tax treatment
- Worthless token write-offs
- Pre-sale and fair launch tax strategies

```
    Provide expert guidance on memecoin and new token tax scenarios.""",
```

```
    llm=model,
```

```
    max_loops=1,
```

```
    dynamic_temperature_enabled=True,
```

```
    user_name="swarms_corp",
```

```
    output_type="string",
```

```
    streaming_on=True,
```

```
)
```

```
agents = [agent1, agent2, agent3, agent4]
```

```
chat = GroupChat(
```

```
    name="Florida Token Tax Advisory",
```

```
    description="Specialized group for memecoin and token tax analysis, compliance, and DeFi
```

trading in Florida",

agents=agents,

)

Example query focused on memecoin trading

history = chat.run(

"I'm trading memecoins and tokens on various DEXs from Florida. How should I handle my taxes for multiple token swaps, failed transactions, and potential losses? I have made alot of money and paid team members, delaware c corp, using crypto to pay my team"

)

print(history.model_dump_json(indent=2))