

```
from swarms import Agent

from swarm_models import Anthropic

from swarms.structs.society_of_agents import SocietyOfAgents
```

```
# Initialize the director agent
```

```
director = Agent(
    agent_name="Director",
    system_prompt="Directs the tasks for the workers",
    llm=Anthropic(),
    max_loops=1,
    dashboard=False,
    streaming_on=True,
    verbose=True,
    stopping_token="<DONE>",
    state_save_file_type="json",
    saved_state_path="director.json",
)
```

```
# Initialize worker 1
```

```
worker1 = Agent(
    agent_name="Worker1",
    system_prompt="Generates a transcript for a youtube video on what swarms are",
    llm=Anthropic(),
```

```
max_loops=1,  
dashboard=False,  
streaming_on=True,  
verbose=True,  
stopping_token="<DONE>",  
state_save_file_type="json",  
saved_state_path="worker1.json",  
)
```

```
# Initialize worker 2
```

```
worker2 = Agent(  
    agent_name="Worker2",  
    system_prompt="Summarizes the transcript generated by Worker1",  
    llm=Anthropic(),  
    max_loops=1,  
    dashboard=False,  
    streaming_on=True,  
    verbose=True,  
    stopping_token="<DONE>",  
    state_save_file_type="json",  
    saved_state_path="worker2.json",  
)
```

```
# Create a list of agents
```

```
agents = [director, worker1, worker2]
```

```
# Create the swarm
```

```
society = SocietyOfAgents(  
    name="Society of Agents",  
    description="A society of agents that work together to complete a task",  
    agents=agents,  
    max_loops=1,  
    rules="Don't stop until the task is done",  
)
```

```
# Run the swarm
```

```
output = society.run(  
    "Create a format to express and communicate swarms of llms in a structured manner for youtube"  
)
```