

```
from swarms import Agent

from swarm_models import Anthropic

from swarms.structs.round_robin import RoundRobinSwarm
```

```
# 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",  
)
```

Round Robin

```
round_table = RoundRobinSwarm(  
    agents=[director, worker1, worker2],  
    verbose=True,  
    max_loops=1,
```

```
callback=None,  
)  
  
# Run the task and get the results  
  
task = "Create a format to express and communicate swarms of llms in a structured manner for  
youtube"  
  
results = round_table.run(task)  
  
print("Round Robin Results:", results)
```