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# Agent Collaboration

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# Learning Objectives

**By the end of this module, you will:**

- Know how agents can collaborate
- Understand how asynchronous operation works



# Agent Collaboration

- Agents can collaborate on a task to:
  - Share information
  - Assist on a task
  - Allocate and optimize resources
  - Hierarchical process requires manager LLM

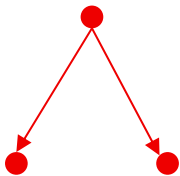
```
from crewai import Agent, Task, Crew,  
Process
```

```
crew = Crew(  
    agents=[planner, writer, editor],  
    tasks=[plan, write, edit],  
    verbose=2,  
    manager_llm=llm,  
    process= Process.hierarchical  
)
```

Process.sequential

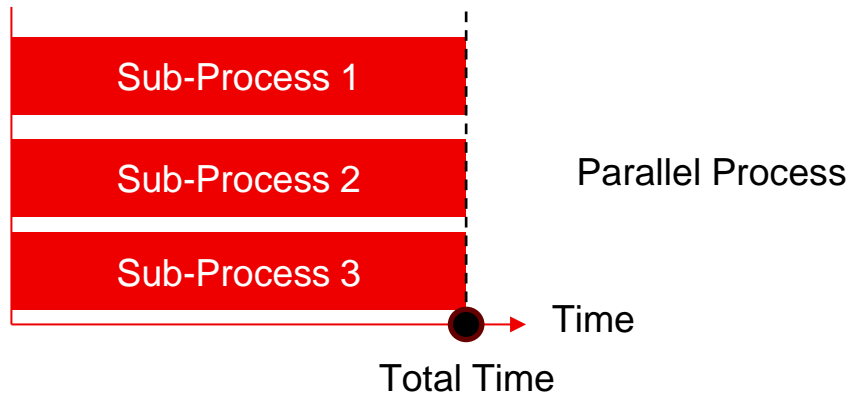
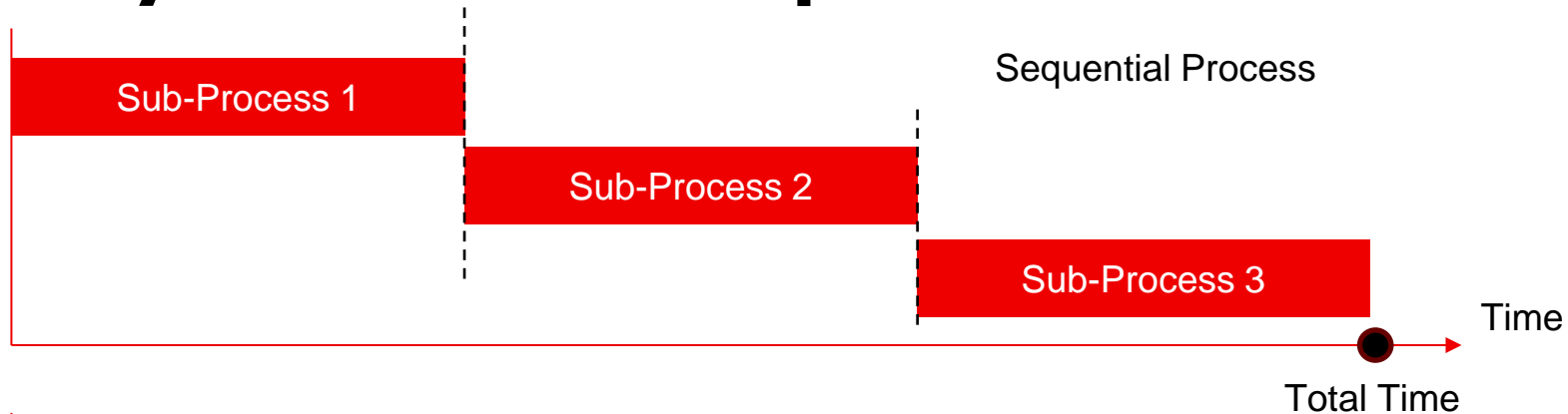


Process.hierarchical





# Asynchronous Operation



The background is a gradient from red-orange on the left to yellow on the right. There are three large, semi-transparent circles of varying shades of orange and red. The text "O'REILLY" is centered in white, with a registered trademark symbol (®) at the end.

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