

Multiple Processes Control

To prevent more than one instance of a process from running concurrently

Objective

- If a process is already running, you do not want to start another similar process

How to do it?

- Process Synchronization
- Process Synchronization is the task of coordinating the execution of processes in a way that no two processes can have access to the same shared data and resources.
- We use locks

Types of locks

- Mutex (aka Mutants, or locks)
- Semaphores (an improved version of a mutex lock)
- Events (aka Event Objects)
- Named Pipes (a type of file used in memory)

Thank you