System Model

The conditions are:

- Systems have only reusable resources.
- Processes are allowed only exclusive access
- There is only one copy of each resource. l'acces can be in 2 states:

Running (Active) Processe has all the needed resources

Blocked Process is vaiting to acquire some resources.

Two types in deadlock

Resource Deadlock

- Processes can simultaneously wait for several nesources I cannot proceed until they have acquired all these resources.

- occurs when process are trying for exclusive access to devices, locks, servers

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Communication Deadlock Processes voait to communicate with other processes among a set of processes.

- occurs when A is trying to send msg to B, B to C &

