Resources

storage (locations)

cores

I/O: mouse, keyboard, printer
Deadlocks

process
- request
- use
- release

1. Mutual exclusion
2. Hold and wait
3. No preemption
4. Circular wait
Resource

proc: O

Allocation Graph

res:

assignment

request
Philosophers

Diagram of philosopher processes.
Ostrich Algorithm

ignore the problem
Prevention
prevent one of the four conditions