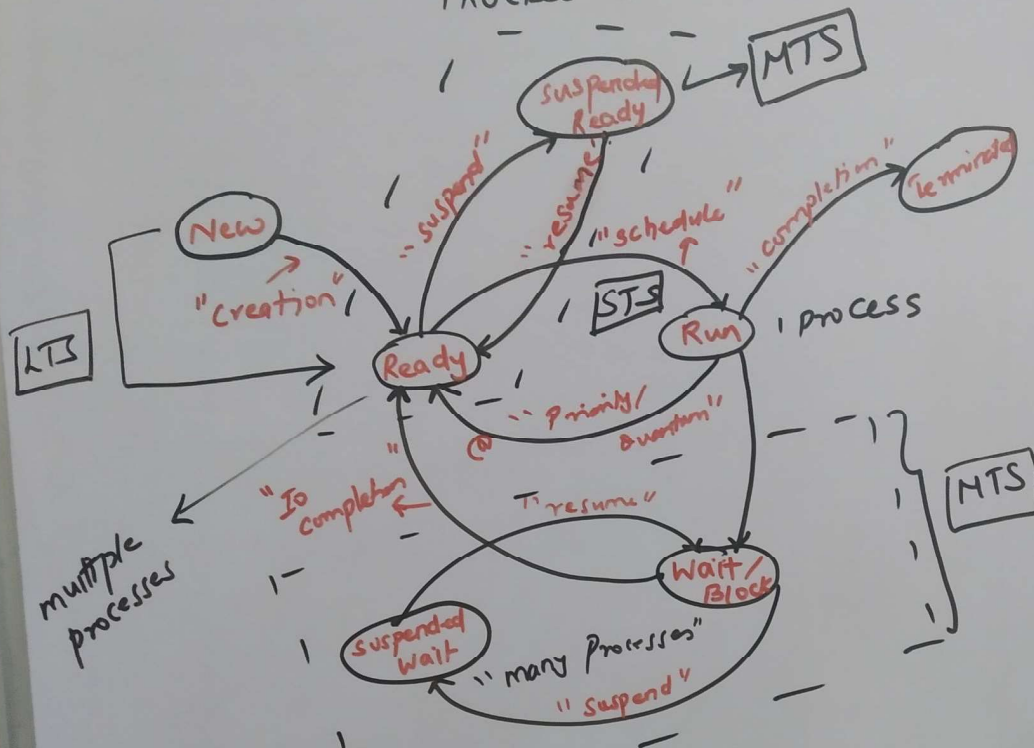PROCESS STATE TRANSITION

PROCESS MGMT CONTINUED

❑**3 types of schedulers in Linux – LTS ; STS ; MTS**

✓ LTS – New Process to Ready State (also called as Job Scheduler)

✓STS – Ready to Run (also called as CPU Scheduler)

✓MTS – Suspend to Resume (vice versa) – Swapper

✓Feeling of Seamless or Infinite Process Creation for End User

Despite internal limit on no of processes

❖Degree of Multiprogramming – No of Processes in Main Memory at a given time t – controlled by the LTS

❖LTS Challenge – right balance of CPU bound and IO Bound processes – achieve good throughput

❖Swapper – serves the purpose of Context Switching