Scheduling Threads

Thread Context Block

General Registers
Stack Pointer
Instruction Pointer
FPU Contents
PCB pointer
Priority
Quantum (Time-Slice) remaining
Other Thread Specific Data

Process Context Block

Address Space Information
Working Set Information
Other Process Specific State

Maintains:
  File and Heap Mappings
  Allocated Handles

run

blocked or suspended

readied

Ready to Run

| Highest | → | TCB | → | TCB | → | TCB |

| Normal | → | TCB |

| Lowest | → | TCB | → | TCB |

Blocked and Suspended

TCB

TCB

TCB

TCB

TCB