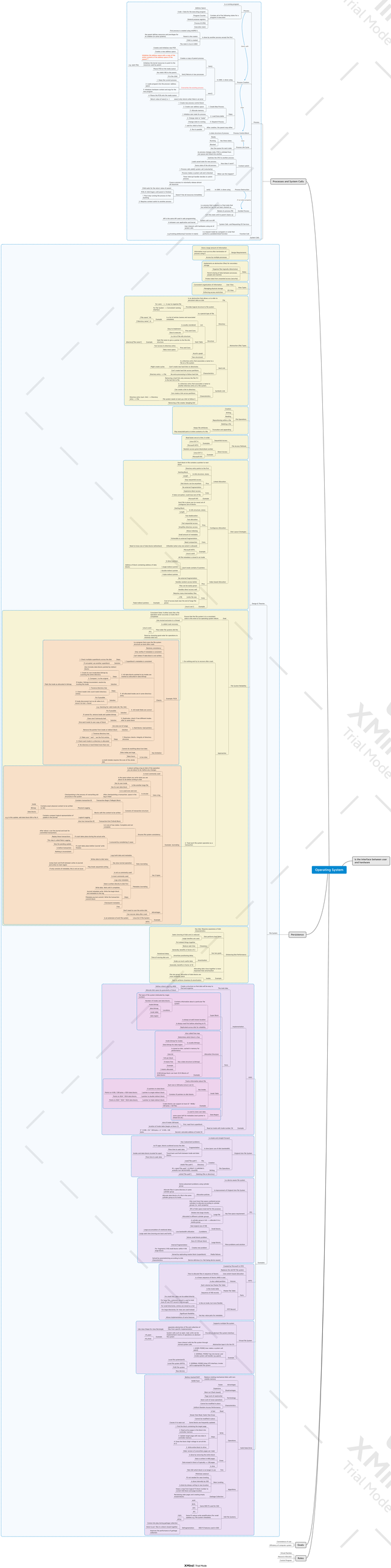
Processes and System Calls
Is a running program
Address Space
Code = Data for the executing program
Program Counter
Stack Pointer
Kernel-assigned identifier
Process ID (PID)
Parent PID (PPID)
Executor owns
Process
Contains all of the following states for a program in execution
Process
Process Creation
Process Termination
Process States
Process Control Block
Process Hierarchy
Process Operations
Process Synchronization
Process Communication
Process Scheduling
Process Context
Process Isolation
Process Security
Process Monitoring
Process Debugging
Process Profiling
Process Optimization
Process Migration
Process Checkpointing
Process Restart
Process Termination
Process Creation
Process Execution
Process Suspension
Process Resumption
Process Priority
Process Affinity
Process Accounting
Process Auditing
Process Logging
Process Tracing