

Thread Synchronization

- It is necessary to synchronize the activities of the various threads
 - all threads of a process share the same address space and other resources
 - any alteration of a resource by one thread affects the other threads in the same process

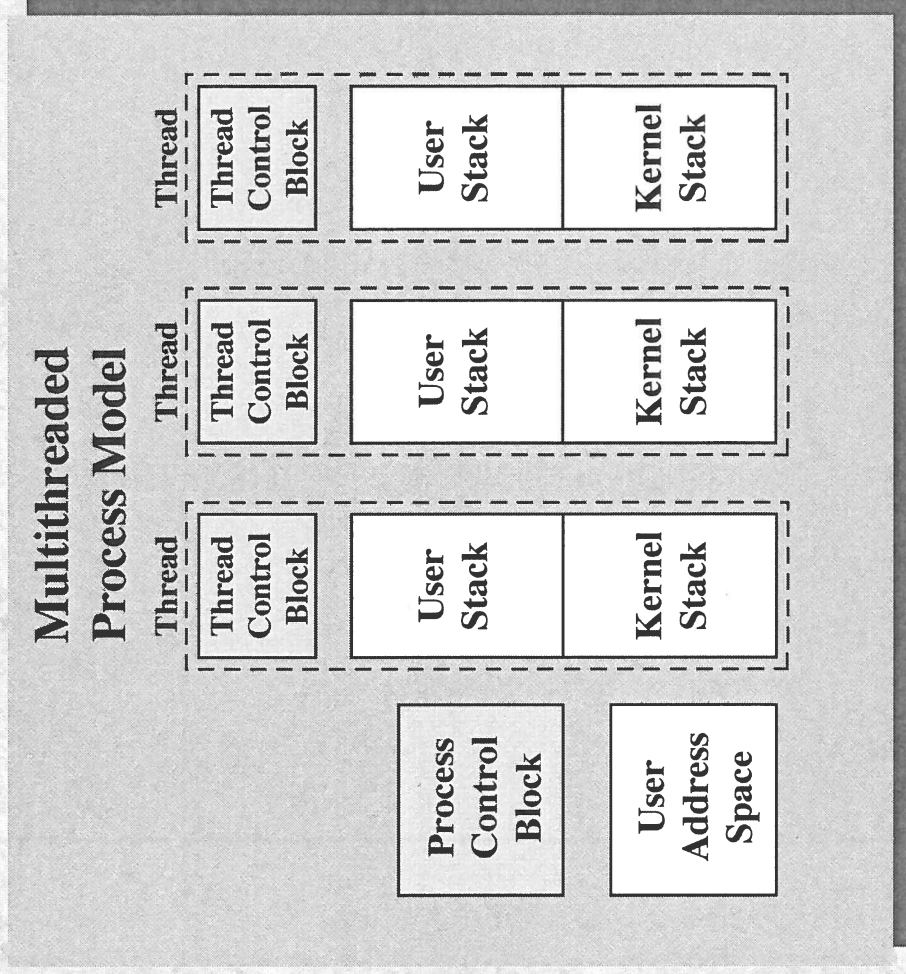
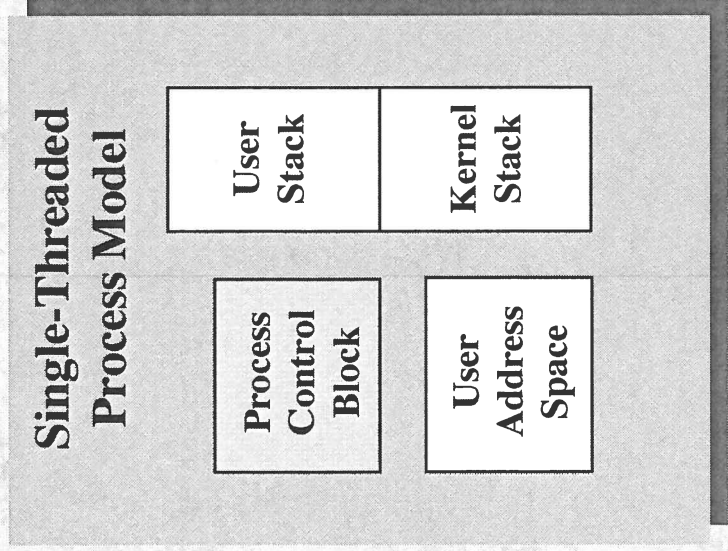


Figure 4.2 Single Threaded and Multithreaded Process Models

Benefits of Threads

