

Linux Threads

To the Linux kernel, there is no concept of a thread

- ▶ Linux implements all threads as standard processes
- ▶ To Linux, a thread is merely a process that shares certain resources with other processes
- ▶ Some OS (MS Windows, Sun Solaris) have cheap threads and expensive processes.
- ▶ Linux processes are already quite lightweight

On a 75MHz Pentium thread: $1.7\mu\text{s}$
 fork: $1.8\mu\text{s}$