

Pthreads

- May be provided wither as user-level or kernel level

- Posix standard (IEEE 1003.1c) API for thread creation and synchronization

- Specifiction not implementation

- API specifies behavior of thread library, implementation is up to development of the library

- Common in UNIX operating systems (solaris, linux, Mac OS X)

When writing program

#include

- Unistd.h

- Stdlib.h

- Pthread.h

- Assert.h

- Sched.h

#define MIN_THREADS 10

Thread pools

- Create a number of threads in a pool where they await work

- Advantages

 - Usually slighlty faster to serice a request