

Time Functions

POSIX: THR

- time ()
- Resolution - sec.
- structure
- time_t
- #include <time.h>

POSIX: XSI

- clock_gettime
- clock_gettime
- clock_gettime
- Resolution - sec + nsec
- structure
- timeval

Interval Timers

- structure
- itimerspec

- timer_create
- timer_t
- getoverrun
- timer_gettime
- timer_settime
- Resolution - sec + nsec
- #include <time.h>
- compile with -lrt

- gettimeofday
- settimeofday
- Resolution - sec + nsec
- structure
- itimer
- #include <sys/time.h>

compute Processing time (Examples)

Time Functions

POSIX: THR

Example - Timer.c
clock real time timing.c

POSIX: XSI

gettime of day time.c

Interval Timers

timer.c

xsi timer.c