

```
#include "mthread_internal.h"

/* Functions for handling semaphore. */

int
mthread_sem_init (mthread_sem_t * sem, unsigned int value)
{
    not_implemented ();
    return 0;
}

/* P(sem), wait(sem) */
int
mthread_sem_wait (mthread_sem_t * sem)
{
    not_implemented ();
    return 0;
}

/* V(sem), signal(sem) */
int
mthread_sem_post (mthread_sem_t * sem)
{
    not_implemented ();
    return 0;
}

int
mthread_sem_getvalue (mthread_sem_t * sem, int *sval)
{
    not_implemented ();
    return 0;
}

int
mthread_sem_trywait (mthread_sem_t * sem)
{
    not_implemented ();
    return 0;
}

/* undo sem_init() */
int
mthread_sem_destroy (mthread_sem_t * sem)
{
    not_implemented ();
    return 0;
}
```