

Pthreads

Example 2

```
#define NUMBER_OF_THREADS 5

void *hello(void *tid)
{
    printf ("Hello from thread %d\n", *(int*)tid);
    pthread_exit(NULL);
}

int main(void)
{
    pthread_t t[NUMBER_OF_THREADS];
    int status, i;

    for (i=0; i<NUMBER_OF_THREADS; i++){
        printf("Main: creating thread %d ...", i);

        if( (status = pthread_create(&t[i], NULL, hello, (void *)&i)) ){
            puts("done.");
        }

        for (i=0; i<NUMBER_OF_THREADS; i++){
            printf("Joining thread %d ...",i);

            if( pthread_join(t[i], NULL) ){
                puts("done.");
            }
        }
        exit(0);
    }
}
```