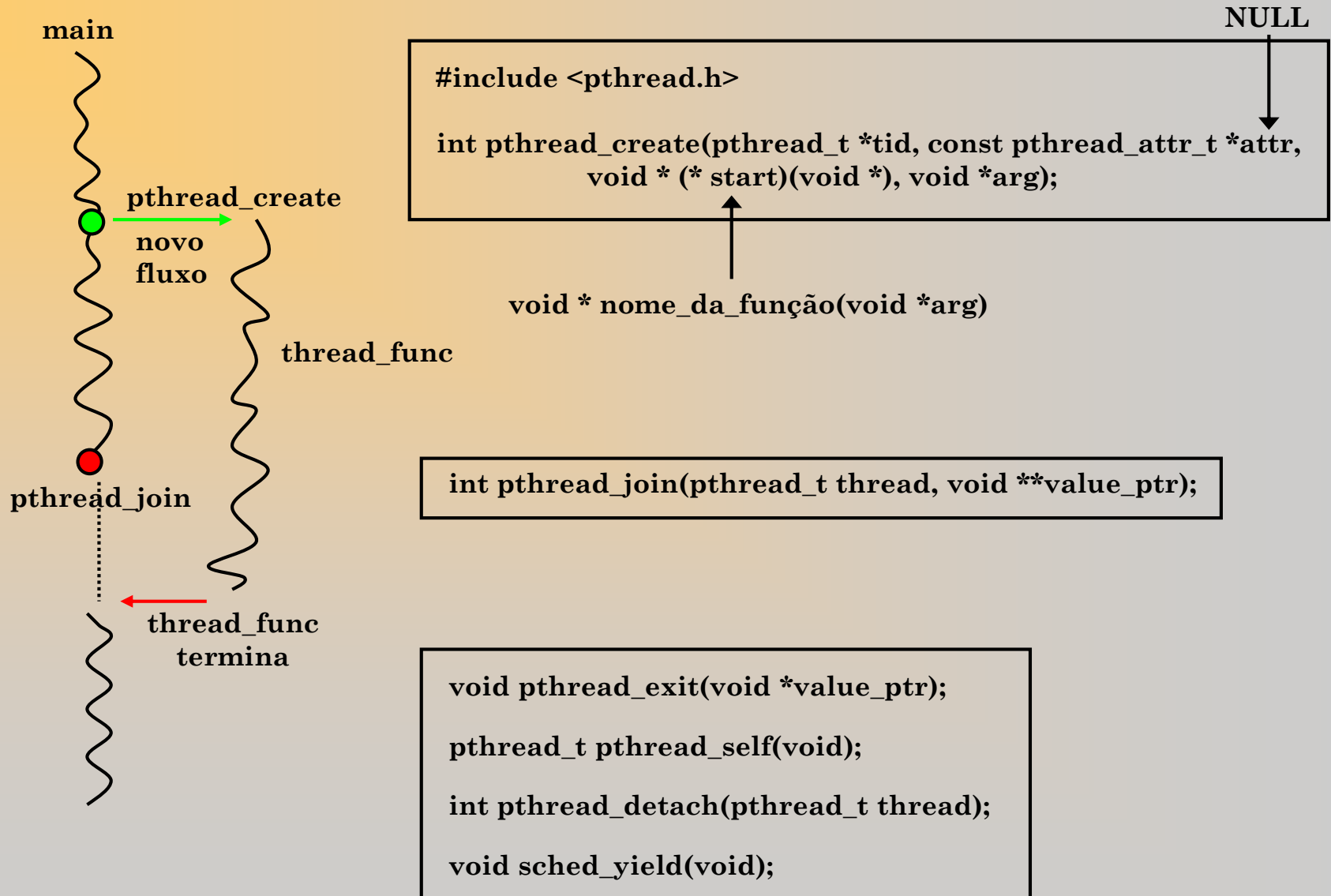


Programação de sistema UNIX

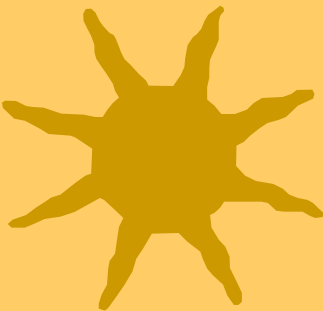
Threads

Criação e terminação de threads





Exemplos



```
#include <stdio.h>
#include <pthread.h>
```

```
int global;
```

```
void *thr_func(void *arg);
```

```
int main(void)
{
    pthread_t tid;
```

```
    global = 20;
    printf("Thread principal: %d\n", global);
    pthread_create(&tid, NULL, thr_func, NULL);
    printf("Thread principal: %d\n", global);
    pthread_join(tid, NULL);
    printf("Thread principal: %d\n", global);
    return 0;
}
```

```
void *thr_func(void *arg)
{
    global = 40;
    printf("Novo thread: %d\n", global);
    return NULL;
}
```

```
#include <stdio.h>
#include <stdlib.h>
#include <pthread.h>
```

```
void *thr_func(void *arg);
```

```
int main(void)
{
    pthread_t tid;
    int k = 41;
    void *r;
```

```
    pthread_create(&tid, NULL, thr_func, &k);
    pthread_join(tid, &r);
    printf("%d\n", *(int *)r);
    free(r);
    return 0;
}
```

```
void *thr_func(void *arg)
{
    void *ret;

    ret = malloc(sizeof(int));
    *(int *)ret = *(int *)arg;
    return ret;
}
```