

1. 并行编程的主要模型有:

① ~~消息传递~~

① Message passing

independent tasks encapsulating local data
tasks interact by exchanging messages

② Shared memory

tasks share a common address space
tasks interact by reading and writing this space
asynchronously

③ Data ~~Parallel~~ parallelization

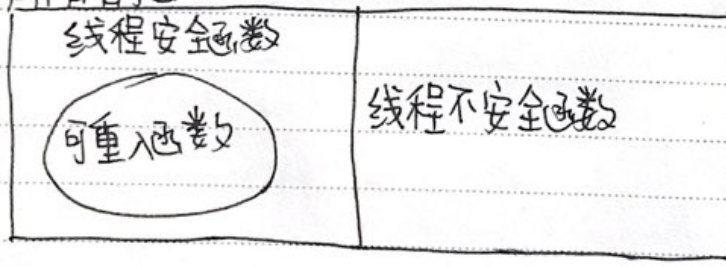
Tasks execute a sequence of independent operations
Data usually evenly partitioned across tasks

2. 可重入: ~~多个~~多个执行流反复执行一个代码,其结果不会发生改变,通常访问的都是各自的私有栈资源~~可重入函数~~

线程安全: It functions correctly during simultaneous execution by multiple threads.

关系:

所有的函数



3. int i;

~~int fun1()~~

```

{
  int j = i;
  return j * 5;
}

```

~~int fun1(i)~~~~return i * 5;~~

int fun1()

```

{
  int j = i;
  return j * 5;
}

```

```
int fun2()
```

```
{
```

```
    int j = fun1()
```

```
    return fun1()*5;
```

```
}
```

```
int fun2(int
```