

**Set when
process starts**

4G

0xfffffffffff

cmdline & env

Stack

```
int f() {  
    int x;  
    ...  
}
```

Runtime

Heap

```
malloc(sizeof(long));
```

Uninit'd data

```
static int x;
```

Init'd data

```
static const int y=10;
```

**Known at
compile time**

Text

0

0x00000000