

## Data segment

### Global offset table (GOT)

```
GOT[0]: addr of .dynamic
GOT[1]: addr of reloc entries
GOT[2]: addr of dynamic linker
GOT[3]: 0x4005b6 # sys startup
GOT[4]: 0x4005c6 # addvec()
GOT[5]: 0x4005d6 # printf()
```

## Code segment

```
callq 0x4005c0 # call addvec()
```

### Procedure linkage table (PLT)

```
# PLT[0]: call dynamic linker
4005a0: pushq *GOT[1]
4005a6: jmpq *GOT[2]
...
# PLT[2]: call addvec()
4005c0: jmpq *GOT[4]
4005c6: pushq $0x1
4005cb: jmpq 4005a0
```

