



Assembly Code

Source Code

```
handle = dlopen("/usr/lib/libfoo.so", RTLD_LAZY);  
if (!rc)  
    return -1;
```

```
foo_function = dlsym(handle, "foo");  
if ((error = dlerror()) != NULL)  
    return -1;
```

```
(*foo_function)();
```

Console Output

Standard Input

Standard Output

[DEBUG] Dlopen called. The library is loaded in the program memory.

[DEBUG] Dlsym called for function foo from library (i386) /usr/lib/libfoo.so. Dlsym found the fun

Executable Module/Shared Libraries Table

Type	First Address	Last Address	Size	Name
Statically loaded	0x8048000	0x804a038	0x7ff	(i386) /home/garen/diplom...
Statically loaded	0xb77ad000	0xb77b1080	0x221f	(i386) /lib/i386-linux-gnu/lib...
Statically loaded	0xb75fe000	0xb77aca7c	0x1ad19e	(i386) /lib/i386-linux-gnu/lib...
Statically loaded	0xb77ce000	0xb77ef938	0x201d8	(i386) /lib/ld-linux.so.2
Dynamically loaded	0xb77c4000	0xb77c6020	0x60c	(i386) /usr/lib/libfoo.so