Linux Assembly HOWTO

Chapter 6. Quick start

6.3. Building an executable

6.3.1. Producing object code

First step of building an executable is compiling (or assembling) object file from the source:

For nasm example:

```
$ nasm -f elf hello.asm
```

For gas example:

```
$ as -o hello.o hello.S
```

This makes `hello.o` object file.

6.3.2. Producing executable

Second step is producing executable file itself from the object file by invoking linker:

```
$ ld -s -o hello hello.o
```

This will finally build `hello` executable.

Hey, try to run it... Works? That's it. Pretty simple.