



WARNING

Make a copy of your original
Linux kernel source-code
before proceeding!

Configuring, Compiling, and Installing the Linux Kernel (1)

- *(Not just one module!)*

1. **Configure** the kernel

```
$ make oldconfig
```

2. **Compile** the kernel

```
$ make -j 3 all
```

3. **Install** modules

```
# make modules_install
```

4. **Install** the kernel

```
# make install
```

- For help

```
$ make help
```



I prefer to use

```
$ make menuconfig
```

Configuring, Compiling, and Installing the Linux Kernel (2)

- **Configuring** the kernel
 - Linux's default configurations
 - arch/x86/configs/
 - Distribution's configurations
 - /boot/
 - Current running kernel's configuration
 - /proc/config.gz
- **Which** Linux kernel version are you currently running?

```
$ uname -a
```