

## Sparky Modules Build steps On Board

Download linux kernel source, this is needed to compile the driver module.

```
cd /usr/src
```

```
git clone https://github.com/sparkysbc/Linux.git
```

```
sudo rm /lib/modules/`uname -r`/build
```

```
sudo rm /lib/modules/`uname -r`/source
```

```
sudo ln -s /usr/src/Linux /lib/modules/`uname -r`/build
```

```
cd Linux
```

Prepare the kernel with the current kernel config from the running system

```
make mrproper
```

or download the same from below links

```
wget https://raw.githubusercontent.com/sparkysbc/Module_build/master/.config
```

(current config available on /boot/)

Download the module symbols of the current kernel.

```
wget https://raw.githubusercontent.com/sparkysbc/Module_build/master/Module.symvers
```

```
make modules_prepare
```

Now you can start compile with new modules

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Note : Build essential Packages required to build the Modules

```
apt-get update
```

```
apt-get install make
```

```
apt-get install build-essential
```