

If you have bought Edison with Husarion RoboCORE, you don't need to follow this guide - the software is already installed.

You will need:

- a computer with Linux (Windows support coming soon)
- and either:
 - Robocore and A-A usb cable
 - [Edison SparkFun Block](#) or Breakout Board or Arduino Breakout Kit

Hardware setup

RoboCORE and A-A usb cable

- Disconnect power from Robocore (it will be powered via A-A cable)
- Put a jumper on pins "Edison USB device mode"
- Put Edison in the "Wireless module" area
- Connect Edison USB port using A-A cable to your computer. The power LED should light up.

Breakout Kit/Board/Sparkfun Block

- Put Edison in the kit
- If using Ardiuno Breakout Kit, switch OTG toggle to OTG/Device Mode (flip it to the side of the MicroUSB port)
- Connect MicroUSB cable to the USB-OTG port of the board and other side to your computer.

Software setup

Preparation

Installation and compilation needed software: (tested on Ubuntu 15.10 32-bit and 64-bit)

```
wget
"http://downloads.sourceforge.net/project/xfstk/xfstk-dldr-linux-source-1.8.1.tar.gz?ts=1454440668&use_mirror=kent" -Oxfstk-dldr-linux-source-1.8.1.tar.gz
tar -xf xfstk-dldr-linux-source-1.8.1.tar.gz
cd xfstk-build/linux-source-package/

sudo apt-get update
sudo apt-get install build-essential cmake libxml2-dev libusb-1.0.0-dev libboost-all-dev libqt4-dev qt4-qmake doxygen libusb-dev dfu-util

export BUILD_VERSION=0.0.0

sudo ln -s /usr/lib/*/libusb.a /usr/lib/libusb.a
cmake .
```

```
make -j4 xfstk-dldr-solo
sudo rm /usr/lib/libusb.a
sudo cp ./ancillary/configure/core/downloader-solo/xfstk-dldr-solo
/usr/local/bin/
```

Download and unpack [Edison image](#):

```
mkdir edison-image && cd edison-image
wget https://files.robocore.io/edison/edison-image-1.2.9.zip
unzip edison-image-1.2.9.zip
```

Flash image into Edison

Execute:

```
cd edison-image
sudo bash ./flash.sh
```

Shortly after running this command, reset Edison (by clicking reset button on breakout board or by replugging A-A cable).