

Setting up a Serial Terminal with Mac* OS X*

Requirements

You have assembled your [Arduino* expansion board \(/node/0f8b6647-59a9-4c89-b2c3-2d775756dcb6\)](/node/0f8b6647-59a9-4c89-b2c3-2d775756dcb6) or your [mini breakout expansion board \(/node/7c25ea9e-416b-4fbc-97be-d3d1e37ed2bb\)](/node/7c25ea9e-416b-4fbc-97be-d3d1e37ed2bb), installed the appropriate drivers, and flashed the OS image (formerly called firmware).

Steps to Set Up a Serial Terminal

1. Launch Spotlight by pressing **Cmd + Space**.
2. Type `terminal`.
3. Select the **Terminal** app.
4. In the Terminal window, enter the command:

```
ls /dev/cu.usbserial-*
```

5. In the list of connected devices, look for a device that contains **cu.usbserial**. In the example above, the device name is `/dev/cu.usbserial-A402YSYU`.

Note: If your device is not in the list, verify that your board is powered on and connected to your system. Select the appropriate link below:

- [Assembling the Intel® Edison board with the Arduino expansion board \(/node/0f8b6647-59a9-4c89-b2c3-2d775756dcb6\)](/node/0f8b6647-59a9-4c89-b2c3-2d775756dcb6)
- [Assembling the Intel® Edison board with the Intel® Edison mini breakout board \(/node/7c25ea9e-416b-4fbc-97be-d3d1e37ed2bb\)](/node/7c25ea9e-416b-4fbc-97be-d3d1e37ed2bb)

6. Connect to the USB serial device using the Terminal screen utility by entering the command:

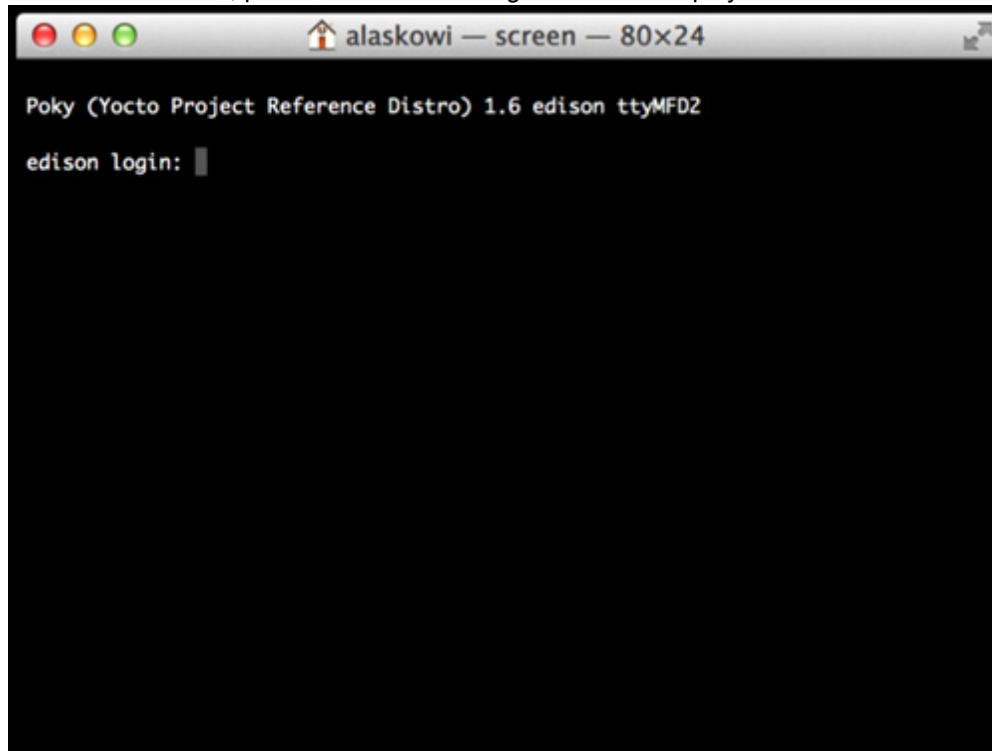
```
screen /dev/xx.usbserial-XXXXXXXX 115200 -L
```

where `/dev/xx.usbserial-XXXXXXXX` is replaced by your device unique name. Using the example above, the command would be:

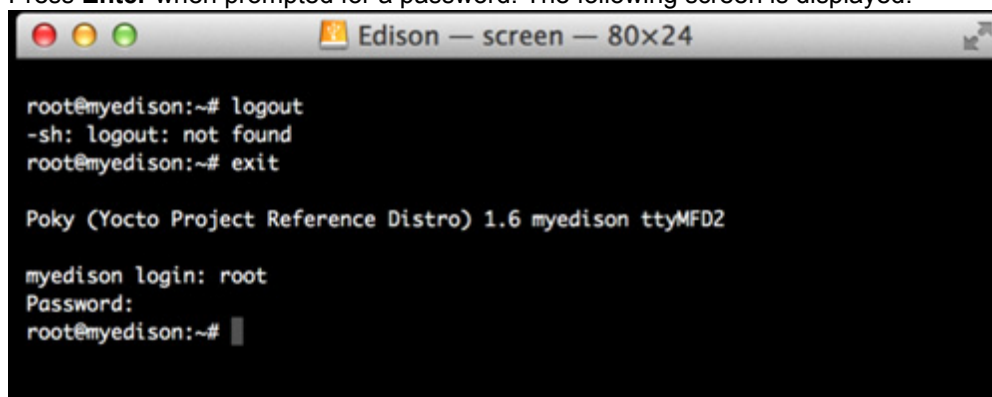
```
screen -L /dev/cu.usbserial-A402YSYU 115200 -L
```

end the session.

7. At the blank screen, press **Enter** twice. A login screen is displayed.



8. At the login prompt, type `root` and press **Enter**.
9. Press **Enter** when prompted for a password. The following screen is displayed:



You have now established a serial communication with your board. You can interact with your board by entering common Linux commands. For a summary of useful commands, see [Common commands for the Intel® Edison board \(/node/7609d507-0960-48a0-af90-9fd7a0100882\)](/node/7609d507-0960-48a0-af90-9fd7a0100882).

For more complete information about compiler optimizations, see our [Optimization Notice \(/en-us/articles/optimization-notice#opt-en\)](/en-us/articles/optimization-notice#opt-en).