Raspberry Pi i2C Scan

To do an I2C scan on a Raspberry Pi the i2cdetect command is used.

Be sure to enable I2C on the Raspberry Pi via raspi-config.

If the i2cdetect command is not found, install it with:

sudo apt-get install i2c-tools

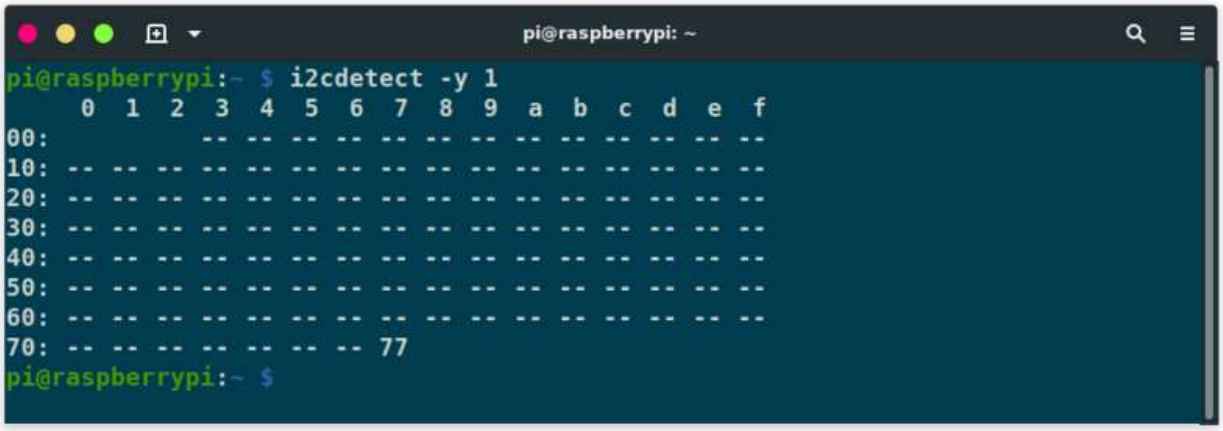
To run a scan, use i2cdetect with the following command line parameters:

```
i2cdetect -y 1
```

- The -y disables interactive mode, so it just goes ahead and scans.
- The 1 specifies the I2C bus.

Normal Behavior

If all goes well, you should get a list of addresses for each device found. In the example below, an Adafruit BMP280 breakout is attached to a Raspberry Pi 4.



The BMP280's I2C address of 0x77 shows up as expected.