

## Install Required C Libraries

In order to use the API examples we provide, related C libraries are required, which are pre-installed in our configured system image. If you're using your own system image, the C libraries should be installed manually.

### Install WiringPi

The WiringPi installation package file can be found on:

`/home/pi/WiringPi` under the image we provide, or can be obtained from the official website:

<https://projects.drogon.net/raspberry-pi/wiringpi/download-and-install/>

Copy the installation package into your own system via a USB flash drive, enter the WiringPi folder, then do this to install:

```
chmod 777 build
```

```
./build
```

Run the following command to check the installation:

```
gpio -v
```

## Install C Library bcm2835

The bcm2835 installation package file can be found on:

`/home/pi/bcm2835-1.25` under the image we provide, or can be obtained from the official website:

<http://www.airspayce.com/mikem/bcm2835/>

Copy the installation package into your own system via a USB flash drive, enter the `bcm2835-1.25` folder, then do this to install:

```
./configure
```

```
make
```

```
sudo make check
```

```
sudo make install
```