

Wiring Pi

GPIO Interface library for the Raspberry Pi



Download and Install

WiringPi is maintained under GIT for ease of change tracking, however there is a *Plan B* if you're unable to use GIT for whatever reasons (usually your firewall will be blocking you, so do check that first!)

If you do not have GIT installed, then under any of the Debian releases (e.g. Raspbian), you can install it with:

```
sudo apt-get install git-core
```

If you get any errors here, make sure your Pi is up to date with the latest versions of Raspbian:

```
sudo apt-get update  
sudo apt-get upgrade
```

To obtain WiringPi using GIT:

```
git clone git://git.drogon.net/wiringPi
```

If you have already used the clone operation for the first time, then

```
cd wiringPi  
git pull origin
```

Will fetch an updated version then you can re-run the build script below.

To build/install there is a new simplified script:

```
cd wiringPi  
./build
```

The new build script will compile and install it all for you – it does use the sudo command at one point, so you may wish to inspect the script before running it.

Plan B

Click on this URL: (it should open in a new page)

<https://git.drogon.net/?p=wiringPi;a=summary>

Then look for the link marked **snapshot** at the right-hand side. You want to click on the top one.

This will download a tar.gz file with a name *like* wiringPi-98bcb20.tar.gz. Note that the numbers and letters after **wiringPi** (98bcb20 in this case) will probably be different – they're a unique identifier for each release.

You then need to do this to install:

```
tar xfz wiringPi-98bcb20.tar.gz
cd wiringPi-98bcb20
./build
```

Note that the actual filename will be different – you will have to check the name and adjust accordingly.

Test wiringPi's installation

run the gpio command to check the installation:

```
gpio -v
gpio readall
```

That should give you some confidence that it's working OK.

WiringPi is released under the GNU Lesser Public License version 3.