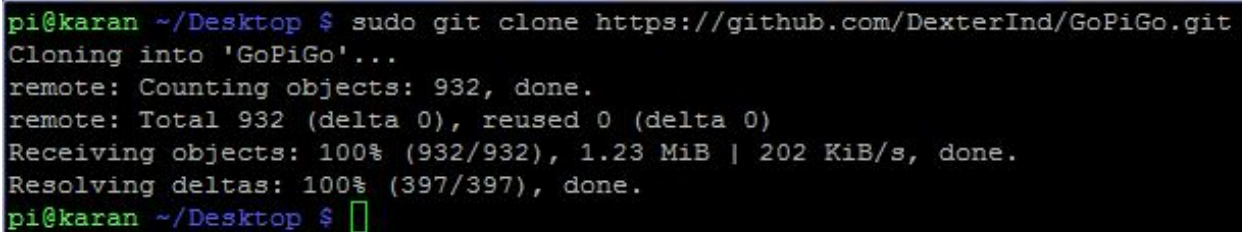# Installing the GoPiGo Python Library

If you are using the Dexter Industries SD card or the Dexter Industries Image, then the GoPiGo library comes preinstalled with the SD card.

If you are using your own version of Raspbian then you will have to install the Python Library
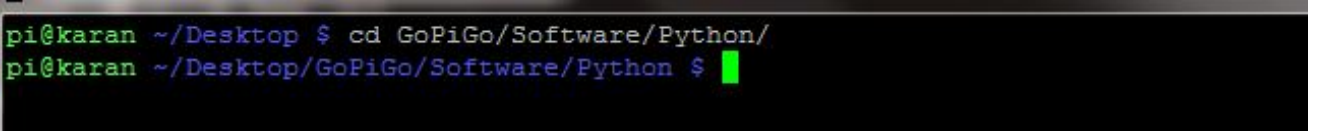
To install the GoPiGo library:

1. Clone the GoPiGo Repository from Github

   ```
   sudo git clone https://github.com/DexterInd/GoPiGo.git
   ```


2. Go to the Python folder `cd GoPiGo/Software/Python/`

3. Install the python library `sudo python setup.py install`

```
pi@karan ~/Desktop/GoPiGo/Software/Python $ sudo python setup.py install
running install
running bdist_egg
running egg_info
creating GoPiGo.egg-info
writing GoPiGo.egg-info/PKG-INFO
writing top-level names to GoPiGo.egg-info/top_level.txt
writing dependency_links to GoPiGo.egg-info/dependency_links.txt
writing GoPiGo.egg-info/PKG-INFO
writing top-level names to GoPiGo.egg-info/top_level.txt
writing dependency_links to GoPiGo.egg-info/dependency_links.txt
writing manifest file 'GoPiGo.egg-info/SOURCES.txt'
reading manifest file 'GoPiGo.egg-info/SOURCES.txt'
writing manifest file 'GoPiGo.egg-info/SOURCES.txt'
installing library code to build/bdist.linux-armv6l/egg
running install_lib
running build_py
creating build
creating build/lib.linux-armv6l-2.7
copying gopigo.py -> build/lib.linux-armv6l-2.7
creating build/bdist.linux-armv6l
creating build/bdist.linux-armv6l/egg
copying build/lib.linux-armv6l-2.7/gopigo.py -> build/bdist.linux-armv6l/egg
byte-compiling build/bdist.linux-armv6l/egg/gopigo.py to gopigo.pyc
creating build/bdist.linux-armv6l/egg/EGG-INFO
copying GoPiGo.egg-info/PKG-INFO -> build/bdist.linux-armv6l/egg/EGG-INFO
copying GoPiGo.egg-info/SOURCES.txt -> build/bdist.linux-armv6l/egg/EGG-INFO
copying GoPiGo.egg-info/dependency_links.txt -> build/bdist.linux-armv6l/egg/EGG
-INFO
copying GoPiGo.egg-info/top_level.txt -> build/bdist.linux-armv6l/egg/EGG-INFO
zip_safe flag not set; analyzing archive contents...
creating dist
creating 'dist/GoPiGo-0.0.0-py2.7.egg' and adding 'build/bdist.linux-armv6l/egg'
 to it
removing 'build/bdist.linux-armv6l/egg' (and everything under it)
Processing GoPiGo-0.0.0-py2.7.egg
Removing /usr/local/lib/python2.7/dist-packages/GoPiGo-0.0.0-py2.7.egg
Copying GoPiGo-0.0.0-py2.7.egg to /usr/local/lib/python2.7/dist-packages
GoPiGo 0.0.0 is already the active version in easy-install.pth

Installed /usr/local/lib/python2.7/dist-packages/GoPiGo-0.0.0-py2.7.egg
Processing dependencies for GoPiGo==0.0.0
Finished processing dependencies for GoPiGo==0.0.0
pi@karan ~/Desktop/GoPiGo/Software/Python $ 
```

The library should be installed now.

Go over to the example section and try out some examples.

Have a question or a suggestion? Go check out our support page here or post it on the forums here.