

# pdk README

pdk, the *Python Developer's Kit*, is a library of components for rapid application development in Python (<http://www.python.org>).

## 1. Licensing

pdk is licensed under the Python Software Foundation license. Essentially, this means that there are no restrictions on using pdk for either noncommercial or commercial purposes provided the originators are acknowledged in derived code that is to be re-distributed. Please refer to the file `LICENSE.txt` for further information.

## 2. Installation

pdk requires

- Python (<http://www.python.org>) version 2.2.1 or higher
- Numerical Python (<http://numpy.sourceforge.net>) version 22.0 or higher

to be installed on your system.

Other packages needed to enable various components of pdk:

- wxPython (<http://wxpython.org>) version 2.3.3 or higher for the GUI components
- Pyro (<http://pyro.sourceforge.net>) version 3.0beta2 or higher for the remote objects
- Scientific Python (<http://starship.python.net/~hinsen/ScientificPython/>) for certain math components
- piddle (<http://piddle.sourceforge.net>) version 1.0.15 or higher for the plotting package

on Unix and Mac OS-X

In a temporary directory of your choice, type

```
tar xzvf pdk.tar.gz
cd pdk
python setup.py install
```

on the command line, and pdk will be ready to use.

on Windows

extract the self-extracting zip archive `pdk.exe` to a temporary directory. Open a command shell and type

```
python.exe setup.py install
```

assuming the Python interpreter is in your `%PATH%` environment variable.

Note that the offline documentation and the example code will only be available in the source distribution.

### **3. Further documentation**

Please look at the files in the `Doc/html` directory for detailed documentation of the modules contained in `pdk`. A proper user manual describing the individual components in an applied context is under way.