**Automatic install or upgrade**

One of the automatic installation or upgrade procedures below might work on your system, if you have a Python package installer or use certain Linux distributions.

Under Unix, it may be necessary to prefix the commands below with sudo, so that the installation program has **sufficient access rights to the system**.

If you have [pip](http://pip.openplans.org/), you can try to install the latest version with

pip install --upgrade pyswarm

If you have [setuptools](http://pypi.python.org/pypi/setuptools), you can try to automatically install or upgrade this package with

easy\_install --upgrade pyswarm

**Manual download and install**

Alternatively, you can simply [download](http://pypi.python.org/pypi/pyswarm/#downloads) the package archive from the Python Package Index (PyPI) and unpack it. The package can then be installed by **going into the unpacked directory** (pyswarm-...), and running the provided setup.py program with

python setup.py install

or, for an installation in the user Python library (no additional access rights needed):

python setup.py install --user

or, for an installation in a custom directory my\_directory:

python setup.py install --install-lib my\_directory

or, if additional access rights are needed (Unix):

sudo python setup.py install

You can also simply **move** the pyswarm-py\* directory that corresponds best to your version of Python to a location that Python can import from (directory in which scripts using **pyswarm** are run, etc.); the chosen pyswarm-py\* directory should then be renamed pyswarm. Python 3 users should then run 2to3 -w . from inside this directory so as to automatically adapt the code to Python 3.