

### 3.0 PAMPRO INSTALLATION

- For **first-time use of PAMPRO**, it must be downloaded and installed. If it is already installed, see section 5.0 Updating PAMPRO.
- Navigate to the directory where you want to install the code:  
Linux: (normally your home directory)  
Windows: Select folder where you want pampro folder to be installed, hold shift and right click on folder and “Open command window here”.
- Copy the following into the command line (right click to paste if in Linux screen):

```
git clone https://github.com/Thomite/pampro.git
```

- This will create a folder called pampro, and the latest version of the code will be downloaded from the Git server into it.

```
[pa.test@b08 ~]$ git clone https://github.com/Thomite/pampro.git
Initialized empty Git repository in /home/pa.test/pampro/.git/
remote: Counting objects: 1356, done.
remote: Total 1356 (delta 0), reused 0 (delta 0), pack-reused 1356
Receiving objects: 100% (1356/1356), 2.59 MiB | 1.08 MiB/s, done.
Resolving deltas: 100% (906/906), done.
[pa.test@b08 ~]$
```

**NB: the above screenshot could differ slightly as PAMPRO is updated**

- Change directory (cd) to the directory where PAMPRO was downloaded.  
Linux: `cd pampro/`  
Windows: *Open command window from pampro folder*
- Type “git status” to check you are on the hdf5 branch.
- If not, switch to hdf5 branch (by typing “git checkout hdf5”) (see document 3.1)
- Re-check git status to ensure on correct branch.
- Type `ipython setup.py install` into the command line (on linux or windows)

```
[pa.test@b08 ~]$ cd pampro/
[pa.test@b08 pampro]$ ipython setup.py install
```

- This will install PAMPRO

- When finished to test to see if the install has worked type the following test (which will check whether one of the python packages has installed):

On Linux:

```
- ipython -c "from pampro import Time_Series"
```

```
Finished processing dependencies for pampro==0.3
[pa.test@b08 pampro]$ ipython -c "from pampro import Time_Series"
[pa.test@b08 pampro]$
```

On Windows:

- Run ipython: type "ipython"
- Type "import Time\_Series"

```
J:\P5_PhysAct\People\Kate\pampro\pampro>ipython
Python 3.4.1 |Anaconda 2.0.0 (64-bit)| (default, Mar 28 2014, 15:42:24)
Type "copyright", "credits" or "license()" for more

Python 2.1.0 -- An enhanced Interactive Python.
?                -> Introduction and overview of IPython's
?                -> Quick reference.
help             -> Python's own help system.
object?         -> Details about 'object', use 'object??'

In [1]: import Time_Series
In [2]:
```

- If the install has not worked the error below should show and the installation should be tried again.

```
ImportError: No module named 'pampro'
```

- PAMPRO should now be installed