

Running SHARPPy from the Linux Command Line or Windows Anaconda Powershell

- Download Anaconda 3 to your home directory and proceed with the installation.
- Go to <https://www.anaconda.com/products/individual> for instructions on how to set-up.
- Type the command “conda install -c conda-forge sharppy” to download the required Python packages.

If SHARPPy is not installed...

- Use Git to download the SHARPPy repository to your home directory.
 - Open the terminal and type “git clone <https://github.com/sharppy/SHARPPy.git>”.
- Type the command “cd /home/<user>/SHARPPy” followed by “git checkout -b nucaps” to create and switch to your local “nucaps” branch.
- Type the command “git pull origin nucaps-test” to download the NUCAPS code to your local branch.
- Enter the command “conda env create -f environment.yml” to create a dedicated Anaconda environment just for running SHARPPy.
 - Then type “conda activate devel” to switch to this Anaconda environment.
- Run the command “python setup.py install” to install SHARPPy.
- In the terminal type the command “sharppy” to launch the program.

The Linux commands would look like...

```
git clone https://github.com/sharppy/SHARPPy.git
cd /home/<user>/SHARPPy
git checkout -b nucaps
git pull origin nucaps-test
conda env create -f environment.yml
conda activate devel
python setup.py install
sharppy
```

If SHARPPy is already installed...

- Type the command “cd /home/<user>/SHARPPy” followed by “git checkout -b nucaps” to create and switch to your local “nucaps” branch.
- Type the command “git pull origin nucaps-test” to download the NUCAPS code to your local branch.
- Type “conda activate devel” to switch to the Anaconda environment just for running SHARPPy.
- Run the command “python setup.py install” to install SHARPPy.
- In the terminal type the command “sharppy” to launch the program.

The Linux commands would look like...

```
cd /home/<user>/SHARPPy
git checkout -b nucaps
git pull origin nucaps-test
conda activate devel
python setup.py install
sharppy
```