

Running SHARPy 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 SHARPy is not installed...

- Use Git to download the SHARPy repository to your home directory.
 - Open the terminal and type “git clone <https://github.com/sharppy/SHARPy.git>”.
- Type the command “cd /home/<user>/SHARPy” 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 SHARPy.
 - Then type “conda activate devel” to switch to this anaconda environment.
- Run the command “python setup.py install” to install SHARPy.
- In the terminal type the command “sharppy” to launch the program.

If SHARPy is already installed...

- Type the command “cd /home/<user>/SHARPy” 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.
- Run the command “python setup.py install” to install SHARPy.
- In the terminal type the command “sharppy” to launch the program.