

## **py3DN installation steps for Ubuntu 14.04 (& other GNUlinux flavors)**

*To use py3DN you need Blender and a couple python extension packages (numpy and scipy). The important thing is to have python version consistency between Blender and the packages. Blender needs its own copy of the packages on its modules folder – the necessary steps are also explained below.*

### **Python, Numpy, Scipy and Blender:**

Use *synaptic*, or other gnulinux package management, to install *python3-numpy*, *python3-scipy* and *blender*.

### **Configure Blender**

- 1) if needed, make a copy of the *numpy* and *scipy* installation folders into Blender's modules folder.  
Copy all contents  
From: /usr/lib/python3/dist-packages/\*.  
To: /usr/share/blender/scripts/modules/

### **py3DN**

- 1) download from  
<http://sourceforge.net/projects/py3dn/>
- 2) extract to  
~/py3DN
- 3) Open py3DN.py in a text editor and add the following line after “import sys”  
sys.path.append('/YourHome/py3DN')

### **Tutorials**

It is important that you check the video tutorials in the py3DN\doc folder

### **Problems?**

Do not hesitate, send me an email: [pauloaguiar@ineb.up.pt](mailto:pauloaguiar@ineb.up.pt)