1 The procedure to install Biopython on Ubuntu Linux OS

1. To follow the installation procedure, you need to be connected to the internet.
2. You must have Synaptic Package Manager installed on your machine.
3. If not installed, please install Synaptic Package Manager using Ubuntu Software Center.

1.1 The procedure to install Biopython

1. On Ubuntu 11.04 and higher,
   (a) Press the Window key on your keyboard to open Dash Home.
   (b) Type Synaptic Package Manager.
   (c) Click on the Synaptic Package Manager option.
2. Enter your password.
3. Click on OK.
4. In the search box type python.
5. Click on the python check box and click on Mark for Installation.
6. Click on Mark.
7. Then clear the search box and type ipython.
8. Click on the ipython check box and click on Mark for Installation.
9. Click on Mark.
10. Again clear the search box and type Biopython.
11. Click on the python-biopython-doc check box
12. Click on the python-biopython-sql check box
13. Click on the python-biopython check box and click on Mark for Installation.
14. Click on Mark.
15. Finally, click on Apply.
16. Again, click Apply for installation.
17. The installation will take a few minutes depending on your internet speed.

1.2 The procedure to check Biopython installation

1. Open the terminal by pressing Ctrl + Alt + T keys together.
2. Now in the terminal type ipython and press Enter.
3. This will open the ipython console.
4. At the prompt type import Bio and press Enter.
5. If there is no error message, Biopython is installed successfully.
6. To exit from ipython console, type quit.
7. This will bring you back to the terminal.
2 The procedure to install Biopython on Windows OS

1. Please download the executable files from the given links
   a) Python 2.6.6
      https://www.python.org/ftp/python/2.6/python-2.6.msi
   b) Ipython 0.10
      https://pypi.python.org/packages/2.6/i/ipython/ipython-0.10.win32-setup.exe
   c) Numpy 1.6.1
      https://pypi.python.org/packages/2.6/n/numpy/numpy-1.6.1.win32-py2.6.exe
   d) Biopython 1.66
      http://biopython.org/DIST/biopython-1.66.win32-py2.6.exe

2. Please install these files in the above mentioned order.

3. Double-click on the files and follow all the instructions to install the packages.

4. If you have any problem in installing on Windows OS, kindly mail us at: contact@spoken-tutorial.org

2.1 The procedure to check iPython and Biopython installation

1. Open the ipython Command Prompt
2. Ipython window opens.
3. At the ipython prompt type import Bio and press Enter.
4. If there is no error message it means Biopython packages are installed successfully.