

Biopython Installation

Brad Chapman, with other contributors

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1 Purpose and Assumptions

Upgrading bug- x releases (for example. 2.6.1 to 2.6.2) is incredibly easy and won't require any re-installation of libraries.

Upgrading between versions (e.g. 2.6 to 2.7) is more time consuming since you need to re-install all libraries you have added to python.

As of Biopython 1.62 we officially support Python 3, specifically Python 3.3. Python 3.0, 3.1 and 3.2 will not be supported.

Let's get started with installation on various platforms.

3.1 Python installation on UNIX systems

First, you should go the main python web site and head over to the information page for the latest python release. At the time of this writing the latest stable Python 2 release is 2.7.5, which is available from <http://www.python.org/download/releases/2.7.5/>. This page contains links to all released files for the given release. For UNIX, we'll want to use the tarred and gzipped file, which is called

3.2 Python installation on Windows

Installation on Windows is most easily done using handy windows installers. As described above in the

4.1.2 Windows systems

5.2.3 Installation on Mac OS X using the `nk` package manager

NCBI Standalone BLAST, which can be used with the Bio. Blast module and parsed with the Bio. SearchIO module.

EMBOSS tools, which can be invoked using the Bio. Emboss module. The Bio. AlignIO module can