Biopython Installation

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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 o cially support Python 3, speci cally 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 les for the given release. For UNIX, we'll want to use the tarred and gzipped le, 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 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