

This manual describes how to compile DelPhi 5.1 on Linux, Windows and MAC systems.

Any questions about DelPhi can be posted on DelPhi forum:

<http://compbio.clemson.edu/forum/>

Executable files:

Besides the source code, we provide executable files for Linux, Windows and Mac Versions of DelPhi. The source code and executable files can be downloaded from DelPhi website:

<http://compbio.clemson.edu/delphi.php>

The Executable files are suitable for most of the 64-bit operating systems. Most of the users can directly use the executable files without compilation.

If the executable files cannot be executed on some users' system, or some advanced DelPhi users need to modify the source code, please see the **DelPhi compilation** section below:

DelPhi compilation:

Linux Version:

1. Updating gcc(optional):

On Linux systems, please check the GCC version. Users can use command:

```
gcc -v
```

to check the version. If the gcc version is lower than 4.4.0, please update it.

2. Compilation:

Go to the directory which contains "src" folder and the "makefile" file, then type command:

```
make
```

The executable file will be generated after a few minutes.

Windows Version:

1. Installation of gcc:

There are several tools to install gcc compiler on Windows. Here we take MinGW as an example to install gcc compiler and compile DelPhi on Windows.

Go to MinGW's website (<http://www.mingw.org/>) to download the MinGW and install it on your computer. The default installation directory is "C:\MinGW\". Add "C:\MinGW\bin" to the PATH environment variable.

2. Compilation:

Open a command window, go to the directory which contains "src" folder and the "makefile" file, then type command:

```
mingw32-make.exe
```

The executable file will be generated after a few minutes.

Mac Version:

delphi77_mac compile and gcc compiler install on osx 10.6 or 10.7

1. Updating gcc (optional):

The compilation has been tested on osx 10.6 and 10.7, with gcc 4.6 or higher version. Make sure downloading the correct gcc version, users can download the gcc from the link:

<http://hpc.sourceforge.net/>

2. Compilation

Go to the directory which contains "src" folder and the "makefile" file, then type command:

`make`

The executable file will be generated after a few minutes.