

Introduction

This is a companion to <https://go.dev/doc/install/source> providing additional instructions for various operating systems.

Install C tools

On OS X, a C compiler is bundled in the command line tools for [Xcode](#), and you don't need to install the whole Xcode to compile Go. If you have already installed Xcode 4.3+, you can install command line tools from the Components tab of the Downloads preferences panel. In more recent versions of Xcode, you can use `xcode-select --install` command to install the command line tools without opening Xcode. To verify you have a working compiler, just invoke `gcc` in a freshly created Terminal window, unless you see the `"gcc: command not found"` error, you are ready to go.

On Ubuntu/Debian, use `sudo apt-get install gcc libc6-dev`. If you want to build 32-bit binaries on a 64-bit system you'll also need the `libc6-dev-i386` package.

On RedHat/Centos 6, use `sudo yum install gcc glibc-devel`. If you want to build 32-bit binaries on a 64-bit system you'll need both `glibc-devel.i386` and `glibc-devel.x86_64` packages.

On Windows, install `gcc` with [TDM-GCC](#), or try [TDM-GCC Sourceforge link](#). (Make sure you add its `bin` subdirectory to your `PATH`.) Go does not support the Cygwin toolchain.