

Supplement

Installing the MinGW C++ Compiler

For Introduction to C++ Programming
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You may download a free C++ compiler from several sources. This supplement shows you how to download and install the MinGW compiler.

To download the MinGW compiler, go to http://www.mingw.org/wiki/Getting_Started, as shown in Figure 1. Click the hyperlink on mingw-get-setup.exe to download mingw-get-setup.exe. Save the file and run the installation from this file. After the installation is completed, open a Windows command prompt from the Start button. Go to c:\MinGW\bin directory and type g++ -v to check if the compiler works, as shown in Figure 2. Go to Supplement I.C to create, compile, and run a program using g++.

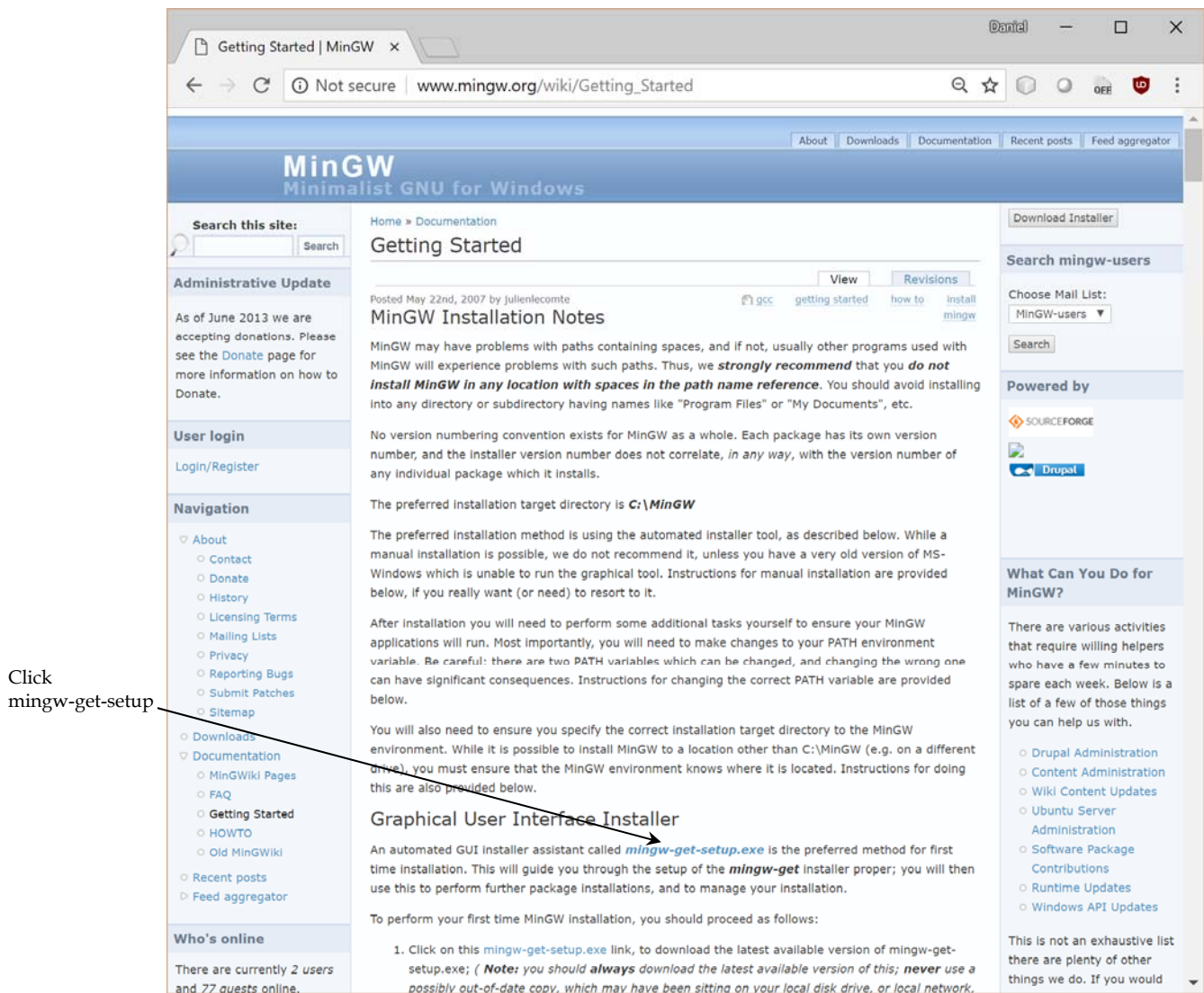
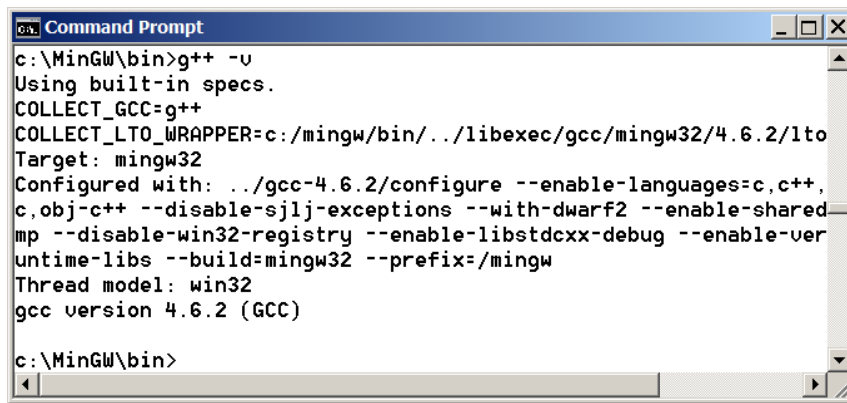


Figure 1
Click mingw-get-inst to locate a version to install.



```
c:\MinGW\bin>g++ -v
Using built-in specs.
COLLECT_GCC=g++
COLLECT_LTO_WRAPPER=c:/mingw/bin/./libexec/gcc/mingw32/4.6.2/lto
Target: mingw32
Configured with: ../gcc-4.6.2/configure --enable-languages=c,c++,
c,obj-c++ --disable-sjlj-exceptions --with-dwarf2 --enable-shared
mp --disable-win32-registry --enable-libstdcxx-debug --enable-ver
untime-libs --build=mingw32 --prefix=/mingw
Thread model: win32
gcc version 4.6.2 (GCC)

c:\MinGW\bin>
```

Figure 2

g++ is the command to compile a C++ source code.