

Supplement

Compiling C++ Programs from the Command Window Using Visual C++ 2012

For Introduction to C++ Programming
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Here are the steps to compile C++ programs from the command window using the Visual C++ 2012 compiler:

1. Choose Developer Command Prompt for VS2012 from the Window's Start button, as shown in Figure 1.
2. Change to the directory where your C++ source code files are, as shown in Figure 2.
3. Use the `cl` command to compile as follows (see Figure 3):

```
cl FileName.cpp -oFileName.exe
```

This will create an executable file named `FileName.exe`

4. Run the program using `FileName.exe`, as shown in Figure 4.

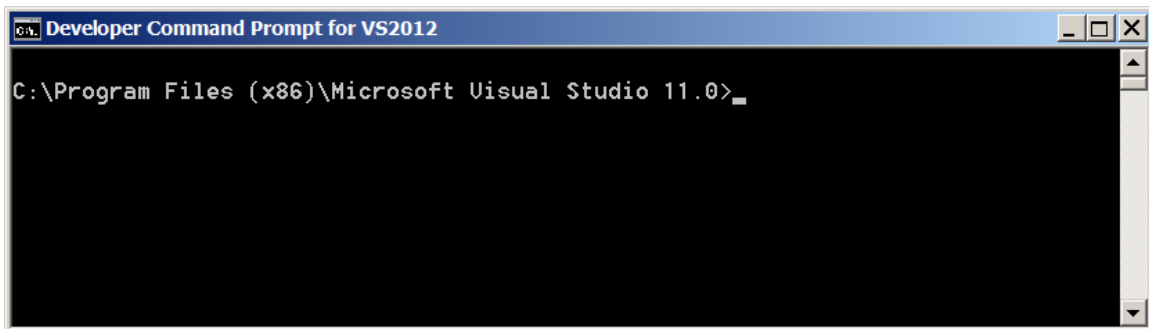


Figure 1

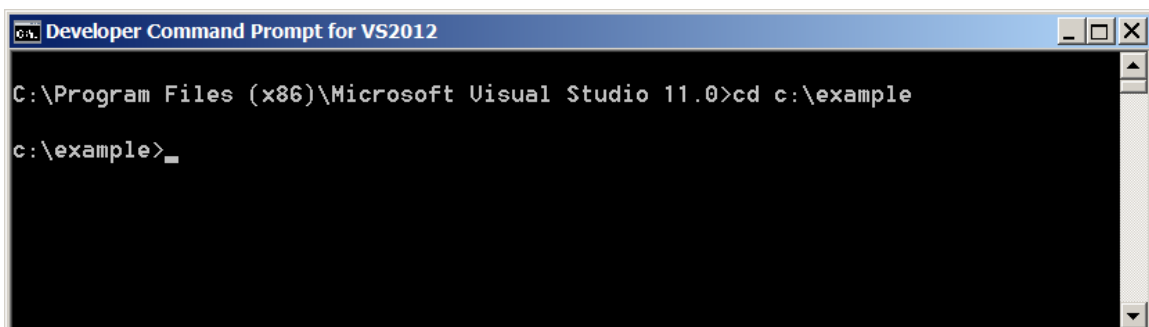
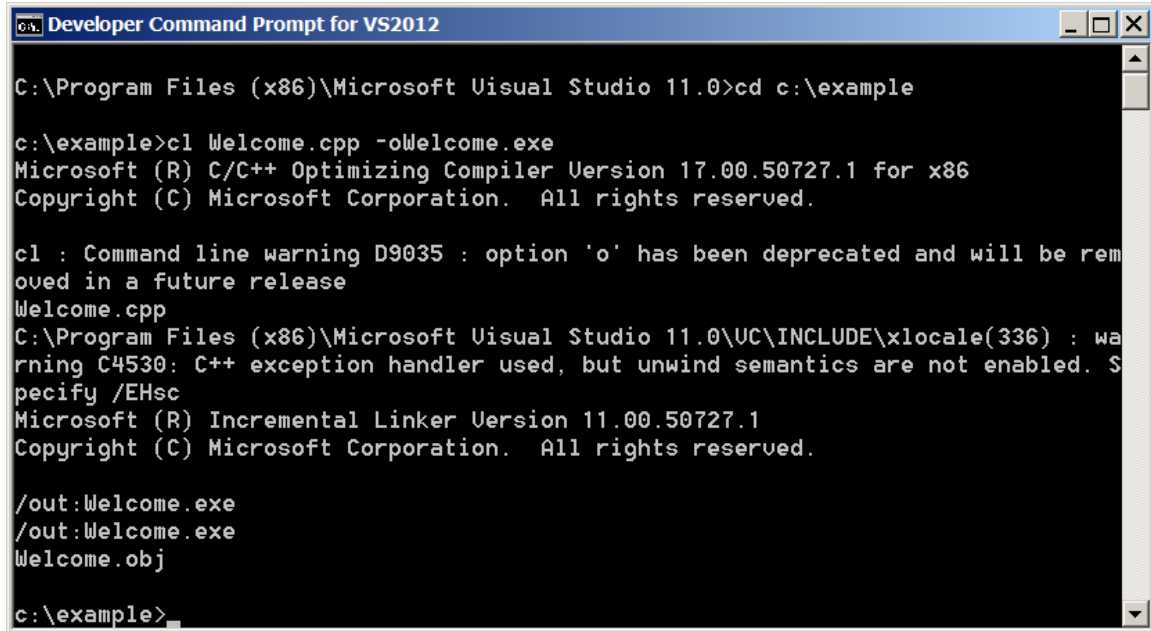


Figure 2

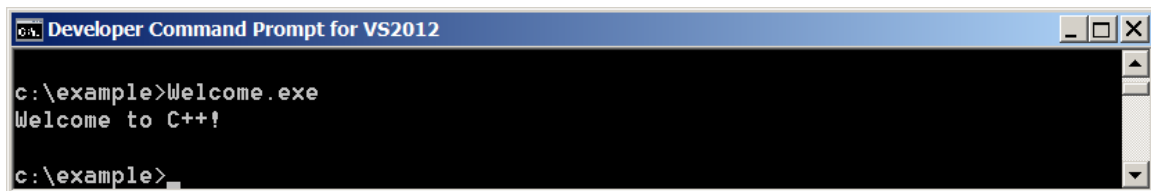


```
Developer Command Prompt for VS2012
C:\Program Files (x86)\Microsoft Visual Studio 11.0>cd c:\example
c:\example>cl Welcome.cpp -oWelcome.exe
Microsoft (R) C/C++ Optimizing Compiler Version 17.00.50727.1 for x86
Copyright (C) Microsoft Corporation. All rights reserved.

cl : Command line warning D9035 : option 'o' has been deprecated and will be removed in a future release
Welcome.cpp
C:\Program Files (x86)\Microsoft Visual Studio 11.0\VC\INCLUDE\xlocale(336) : warning C4530: C++ exception handler used, but unwind semantics are not enabled. Specify /EHsc
Microsoft (R) Incremental Linker Version 11.00.50727.1
Copyright (C) Microsoft Corporation. All rights reserved.

/out:Welcome.exe
/out:Welcome.exe
Welcome.obj
c:\example>
```

Figure 3



```
Developer Command Prompt for VS2012
c:\example>Welcome.exe
Welcome to C++!
c:\example>
```

Figure 4