

Before You Begin

This section contains information you should review before using this book and instructions to ensure that your computer is set up properly for use with this book.

Font and Naming Conventions

We use fonts to distinguish between features, such as menu names, menu items, and other elements that appear in the program-development environment. Our convention is to emphasize IDE features in a sans-serif bold **Helvetica** font (for example, **Properties** window) and to emphasize program text in a sans-serif *Lucida* font (for example, `bool x = true`).

Software

Most of our readers use either the GNU `gcc` compiler—which supports many of the key features in the new standard—or the Microsoft Visual C++ compiler. Microsoft supports only a limited subset of the features that were added to C in C99 and C11—primarily the features that are also required by the C++ standard. The programs in this book were tested with the C++ compiler in Microsoft Visual Studio Express 2012 for Windows Desktop as well as the GNU C compiler and the LLVM compiler in Apple’s Xcode IDE.

Windows users who wish to try some of the C11 features can do so by using one of the following compilers:

- Pelles C: <http://www.smorgasbordet.com/pellesc/>
- MinGW: <http://www.mingw.org>
- CygWin: <http://sourceware.org/cygwin/>

Obtaining the Code Examples

The examples for *C for Programmers* are available for download at

www.deitel.com/books/cfp/

If you’re not already registered at our website, go to www.deitel.com and click the **Register** link below our logo in the upper-left corner of the page. Fill in your information. There’s no charge to register, and we do not share your information with anyone. We send you only account-management e-mails unless you register separately for our free e-mail newsletter at www.deitel.com/newsletter/subscribe.html. *You must enter a valid e-mail address.* After registering, you’ll receive a confirmation e-mail with your verification code. Click the link in the confirmation email to go to www.deitel.com and sign in.

Next, go to www.deitel.com/books/cfp/. Click the **Download Code Examples** link to download the ZIP archive file to your computer. Write down the location where you save the file—most browsers will save the file into your Downloads folder.

Throughout the book, steps that require you to access our example code on your computer assume that you’ve extracted the examples from the ZIP file and placed them at



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C:\examples on Windows or your user directory on other platforms. You can extract them anywhere you like, but if you choose a different location, you'll need to update our steps accordingly.

