

BASIC SYSTEM REQUIREMENTS *

Hardware	PC with Pentium-class or AMD-K6™ processor 64 MB of RAM CD-ROM drive
Software	Microsoft Windows 95/98/2000 or Windows NT® 4.0 with Service Pack 3 or later operating system
Disk Space	approximately 150 MB free hard disk space for a minimum installation approximately 450MB for a full install

*Some target system requirements may vary. Consult the Targeting manual for specifics.

Installing CodeWarrior for Windows® Using C

Follow these steps to successfully install CodeWarrior for Windows:

1. Install the CodeWarrior tools.

Insert the CodeWarrior Tools CD. On a typical system the installation starts automatically. If Auto Install is disabled, run the program Setup.exe.

Follow the installation instructions on your screen.

2. Register CodeWarrior.

At the end of the installation, you have the opportunity to register now or later. To complete the registration, enter the requested information.

To register at a later time, click the Start button and select CodeWarrior Registration from the CodeWarrior, Professional Edition, v6 group. This runs the MWRegister.exe program.

Once you click the Register button, you can choose to email your registration information, or print the information so you can mail or fax it to Metrowerks.

Note: You must restart your computer once the CodeWarrior software is installed.

Coding a Windows Console Application Using C

Follow the steps below to create a simple console application.

1. Launch the CodeWarrior IDE.

Click the **Start** button and select CodeWarrior IDE from the CodeWarrior, Professional Edition, v6 group. This runs the program IDE.exe.

2. Create a project using CodeWarrior stationery.

Choose the **File > New** menu item. The New window appears with a list of options in the Project tab.

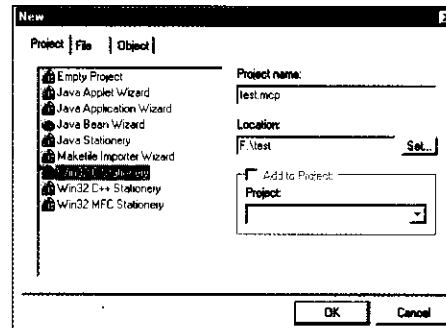
a. Enter information in the Project pane.

Since we want to create a C console application, select "Win32 C Stationery" from the Project pane on the left side of the window.

In the Project name edit field, type a project name and add the ".mcp" extension (for example, "test.mcp"). This extension associates the project with the CodeWarrior IDE as a CodeWarrior project. It is the standard extension used by Metrowerks for CodeWarrior project files.

Finally, specify a location for the project. To specify the folder where the project file should be saved, click **Set** and use the standard file dialog to save your project.

The New window should look similar to the one at right. Click **OK** to continue.

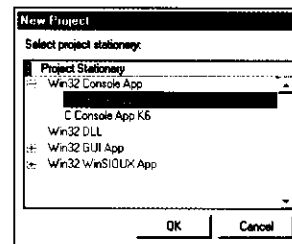


b. Select a project stationery in the New Project window.

Expand the "Win32 Console App" list control and choose the "C Console App" project stationery.

The New Project window should look similar to the one at right. Click **OK** to continue.

The CodeWarrior IDE creates a project with all the required libraries and the project window appears.



3. Remove the placeholder source file from the project.

A placeholder source file, main.c, exists in the new project. We want to remove this file because it's not needed in this tutorial.

To remove the file from the project, click the list control next to the Source group (the + sign), click the file main.c in the Project window, choose **Edit > Delete** and click **OK** in the next dialog box.

4. Create a blank text file.

Press Ctrl-N to create a blank text file (or click the document icon in the toolbar, which is the left-most icon in the toolbar). An untitled, empty editor window appears.

5. Enter the example code.

Enter the following source code in the editor window:

```
/* A minimal Win32 console application */
#include <stdio.h>
int main( void )
{
    printf("Hello Metrowerks\n");
    return 0;
}
```

6. Save the source file.

To save your source file, press Ctrl-S (or choose File > Save). When the Save document as dialog box appears, name the source file Hello.c and click Save. The .c extension enables the CodeWarrior IDE to recognize this file as a source code file.

7. Add the file to your project.

With the editor window frontmost, choose Project > Add Hello.c to Project.

The Add Files window appears. Use this window to specify which build targets should use the Hello.c file. If you want to add the file to all targets (in this example, we do), click OK.

The file Hello.c is added to all build targets in the project window.

Note: The IDE uses groups to organize your code. To move your new source file, click the file Hello.c and drag it on the Sources group in the Project Window. If you moved the source file, it's now located in the Sources group.

8. Compile, link, and run the example.

Choose Project > Run.

The console project is compiled, linked, and run (Hypertextparamum).

Congratulations! You just created a simple console program using the CodeWarrior IDE on Windows.

