

C# PROGRAMMING FOUNDATIONS
Getting The SharpDevelop IDE
Setup



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GETTING SETUP

IDE I HAVE CHOSEN AND WHY

Buying even a student license for Visual Studio .Net will set you back about \$130 at the time of this writing. There is a free express version for C#, but in using it I found it to be very limiting.

I downloaded SharpDevelop 4.1. It is a very impressive and easy to use IDE for C#. It is a popular SourceForge project. These frameworks change over the years. You may end up having to download a newer version. The site maintains older versions going back to 2006, so I suspect you will be able to get this one for a few years to come. Having said that, there is nothing in the code I have written that should prevent it from running in later versions of the SharpDevelop and the .NET framework.

This is an IDE that has been around since 2006. There have even been a few third party books written on it.

GETTING THE IDE

<http://sharpdevelop.net/OpenSource/SD/Download/>

Click on the version you want to download. As I said, I am using SharpDevelop 4x with .Net version 4.0x.

On the download page you are taken to.

- Download the software
- Before installing read “SharpDevelop 4.x can take advantage of the following software if you install it” and install the software as your needs dictate.
- Read the “Notes” and install the required software.
- Install SharpDevelop. Note: Install C# to <drive>:/SharpDevelop

INSTALLING MY EXAMPLES

1. Create a directory named <drive>:/learningcsharp
2. Create a directory named staging under <drive>:/learningcsharp/
3. Copy console1.zip to <drive>:/learningcsharp/staging and unzip it.

INSTALLING, CONFIGURING AND SETTING UP THE IDE

1. Launch SharpDevelop
2. Click on the “new solution” button
3. Enter “console1” under Name field
4. Under Location field navigate to location <drive>:/learningcsharp
5. Enter “console1” under Solution Name field

6. Click “Create” button
7. Close SharpDevelop
8. Copy all the folders from staging to the console1 directory (yes I realize this is tedious, but it will take you less than two minutes. Note, you will need to replace the folder named console1 that was created with the one in the staging directory)

Note: Since there are different versions of SharpDevelop I needed to put together a procedure that would encompass all the different install scenarios. This is it)

As you go through the exercises you will add the applicable project to your Solution environment.

TESTING

1. Open SharpDevelop and select Solution console1.
2. Right click on the project console1 (it can be found directly under Solution console1). Select “Run Project” from the menu. This will compile and run the project.

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