

# Handouts/CoreTechnologies/CSharp/Code/DemoFiles

The screenshot displays the Microsoft Visual Studio IDE with the following components:

- Source Code (GetFiles.cs):**

```
1 ////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
2 /// GetFiles.cs - finds files matching a specified path/pattern ///
3 /// ver 1.0 ///
4 ///
5 /// Language: Visual C++, ver 6.0 ///
6 /// Platform: Dell Dimension 8100, Windows Pro 2000, SP2 ///
7 /// Application: CSE681 Example ///
8 /// Author: Jim Fawcett, CST 2-187, Syracuse Univ. ///
9 /// (315) 443-3948, jfawcett@twcny.rr.com ///
10 ////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
11 //*/
12
13 Public Interface:
14 -----
15 GetFiles gf = new GetFiles();
16 string[] files = gf.files("../*.");
17 gf.show();
18 */
19 ////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
20 /// build process ///
21 ////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
22 /// Required Files: ///
23 /// GetFiles.cs ///
24 /// Compile Command: ///
25 /// csc /define:TEST_GETFILES GetFiles.cs ///
26 /// Run Command: ///
27 /// GetFiles *. * ///
28 ////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
29
30 Maintenance History
31 =====
```
- Command Prompt (C:\Windows\system32\cmd.exe):**

```
Testing denoFiles Assembly
-----
Searching for files matching command line argument ..//*.cs
Path is: C:\su\coretechnologies\CSharp\code\denoFiles
AssemblyInfo.cs
  found instantiation: new AssemblyInfo(AssemName);
  found declaration: class AssemblyInfo
  found instantiation: new string[fs.Length];
  found instantiation: new AssemblyInfo("GetAssemblyInfo");
GetFiles.cs
  found instantiation: new GetFiles();
  found declaration: class GetFiles;
  found instantiation: new StreamReader(file);
  found instantiation: new GetFiles();
Test.cs
  found declaration: class Title
  found instantiation: new string('-'.text.Length+2);
  found declaration: class Test
  found instantiation: new GetFiles();
  found instantiation: new AssemblyInfo(AssemName);

Searching for files matching command line argument *.*
Path is: C:\su\coretechnologies\CSharp\code\denoFiles\bin\Debug
denoFiles.exe
denoFiles.pdb
denoFiles.vshost.exe
denoFiles.vshost.exe.manifest
US_FTP.LOG

Searching for Modules in Assembly denoFiles
-----
denoFiles.exe

Searching for files in Assembly denoFiles
-----
C:\su\coretechnologies\CSharp\code\denoFiles\bin\Debug\denoFiles.exe

Searching for Types in Assembly denoFiles
-----
Full Name:
denoFiles.AssemblyInfo
denoFiles.GetFiles
denoFiles.Title
denoFiles.Test

Unqualified Name:
AssemblyInfo
GetFiles
Title
Test

Press any key to continue . . .
```
- Output Window:** Shows the build output from the command prompt.
- Solution Explorer:** Shows the project structure for 'denoFiles' (1 project), including files like Appico, AssemblyInfo.cs, GetAssemblyInfo.cs, GetFiles.cs, and Test.cs.