

Installing csUnit

Welcome to csUnit, the unit testing framework for the Microsoft¹ .NET Framework.

This manual describes how to install csUnit on your computer.

Please, if you find any inconsistencies or if you have other comments regarding this document, send email with your feedback and your suggestions to info@csunit.org. This way you and others can benefit from improvements of this document.

Prerequisites

csUnit 1.6.0 requires the Microsoft .NET Framework 1.0 SP 2. Please see the Microsoft Web-site for requirements for the .NET Framework.

As an additional prerequisite, please make sure that you have installed the latest service packs.

Preparation

Close all instances of Microsoft Visual Studio. Consult the process tab of the task manager in order to verify that no instance is running. The process you have to look for is named devenv.exe.

Uninstall all previous versions of csUnit. Uninstalling csUnit typically does not remove the sources of csUnit. If you like, you may remove them manually. Leaving them on the hard disk does not do any harm.

Installation

1. Download the csUnit 1.6.0 installer file (csUnit.1.6.0.setup.msi) from the csUnit web site (<http://www.csunit.org>).
2. Double-click the msi-file.
3. Follow the instructions given on the screen.
4. Click “Finish”, once installation has completed.

Verification of Your Installation

If you want to verify whether your installation works as expected, perform the following steps:

1. In the menu “Start – Program”, you should see an item called “csUnit”.
2. In the menu “Start – Program – csUnit”, click the item “csUnitRunner”

¹ Many of the designations used by manufacturers and sellers to distinguish their products are claimed as trademarks. Where those designations appear in this document, and I was aware of a trademark claim, the designations have been printed in initial capital letters or in all capitals.

3. After having started csUnitRunner, select “About” from the “Help” menu. It should display the version 1.6.0.

Verification of the Visual Studio Integration

If you have Visual Studio installed, you can verify the installation of csUnit by performing these steps:

1. Start Visual Studio.
2. In the “Tools” menu, you should see an item called “csUnit for Visual Studio”.
 - a. if no solution is loaded, then the item should be grayed
 - b. if a solution is loaded, then the item should be active

Troubleshooting

In case, you do not see the csUnit item in the Visual Studio “Tools” menu, do this:

1. Close all instances of Visual Studio. Use the process tab of the task manager in order to make sure that no process named devenv.exe is running.
2. Next, uninstall all csUnit versions.
3. Install csUnit 1.6.0
4. Then open a command prompt and navigate to the directory where devenv.exe is located.
5. Submit the following command:
 `devenv.exe /setup`
 This runs Visual Studio without launching the user interface.
6. Once it has completed, restart Visual Studio. You should now see the “csUnit for Visual Studio” item in the “Tools” menu.

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