

Is it possible to see what your changed in Visual Studio before you commit/push it to TFS? (Gui of Git Diff)

Asked 4 years, 7 months ago Active 4 years, 7 months ago Viewed 22k times



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Using TFS-2013 with a project that is using git, is it possible to see the changes I made in Visual Studio 2013 Pro before I commit them? If so how?

le lets say I have /project

and i change line 32 of /project /foo.js

Is there a way It will show me what i changed on that line

In short I guess is there a visual way to do a Git Diff in visual studio I could just use Meld like i do on linux but there must be a good way to do this without leaving VS.

[Microsoft Tools for Git looks awesome but its only for VS2012](#). Is there a main repo where I can find a similar plugin for 2013?

git

visual-studio

tfs

diff

asked Mar 18 '15 at 19:56



[Frank Visaggio](#)

2,170 7 26 65

3 VS2013 has a git provider built in. – [SLaks](#) Mar 18 '15 at 19:58

2 Per **the docs you just linked to**: "*Note: Visual Studio 2013 includes Git tools by default so these tools are not needed. Learn more on MSDN: [msdn.microsoft.com/en-us/library/vstudio/hh850437.aspx](#)*". – [jonrsharpe](#) Mar 18 '15 at 19:58

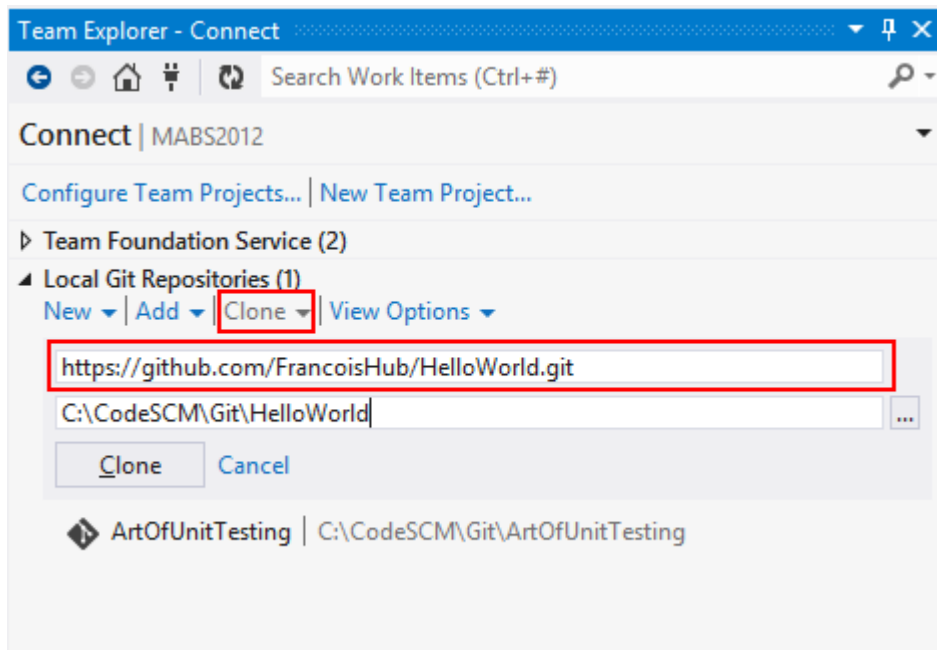
1 See: [visualstudiogallery.msdn.microsoft.com/...](#) – [jessehouwing](#) Mar 18 '15 at 20:01

1 And: [msdn.microsoft.com/en-us/library/hh850437.aspx](#) – [jessehouwing](#) Mar 18 '15 at 20:01

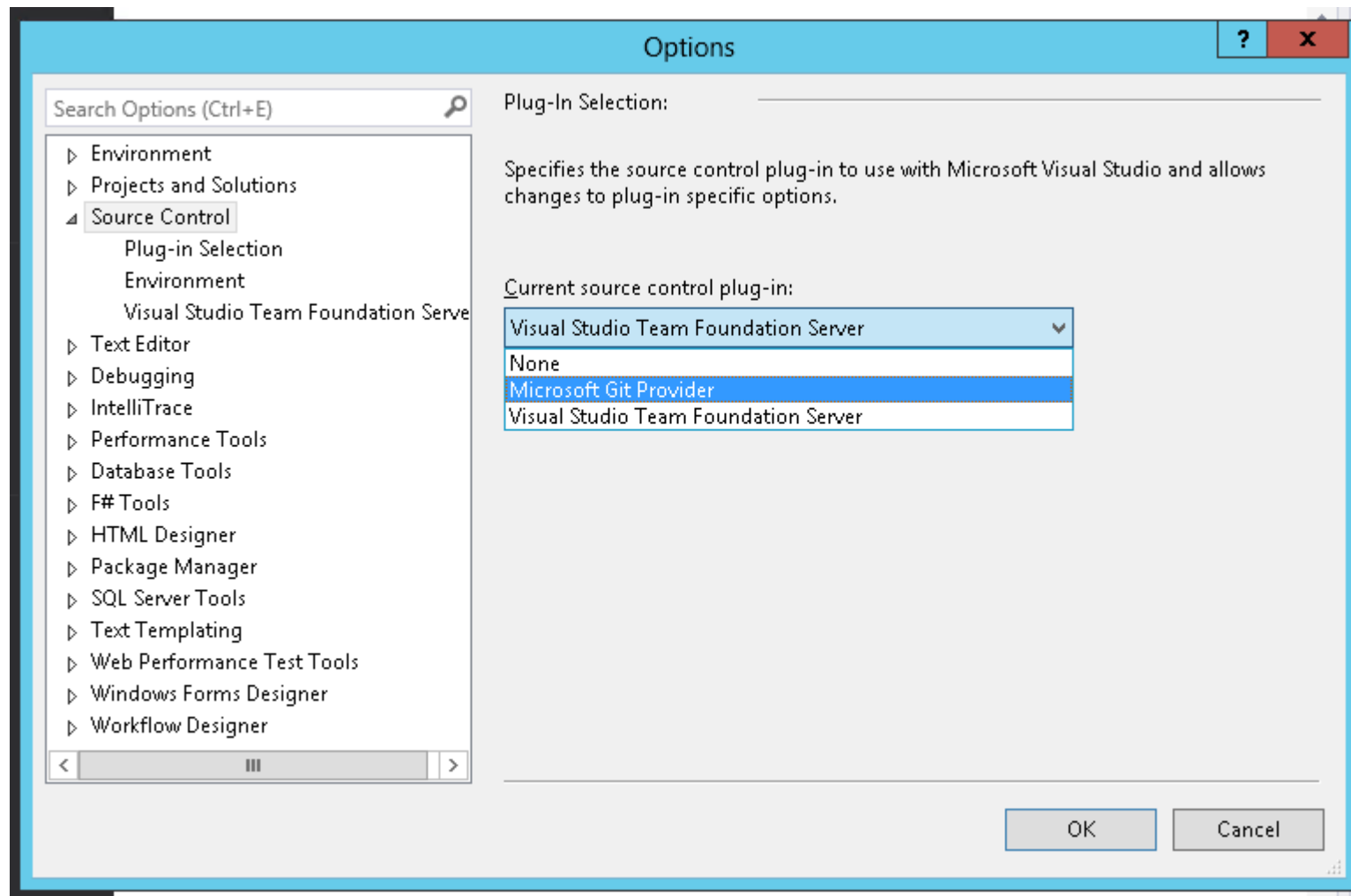
1 Answer

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[Visual Studio 2013 has a built-in Git version control client.](#) You'll find it on the "Team Explorer", at the bottom of the list of TFS projects. If you already have a local Git repository, simply add it using the `add` option. If you have access to a remote repository, but have not yet cloned it locally, you can clone it using the, you guessed it, `clone` option.

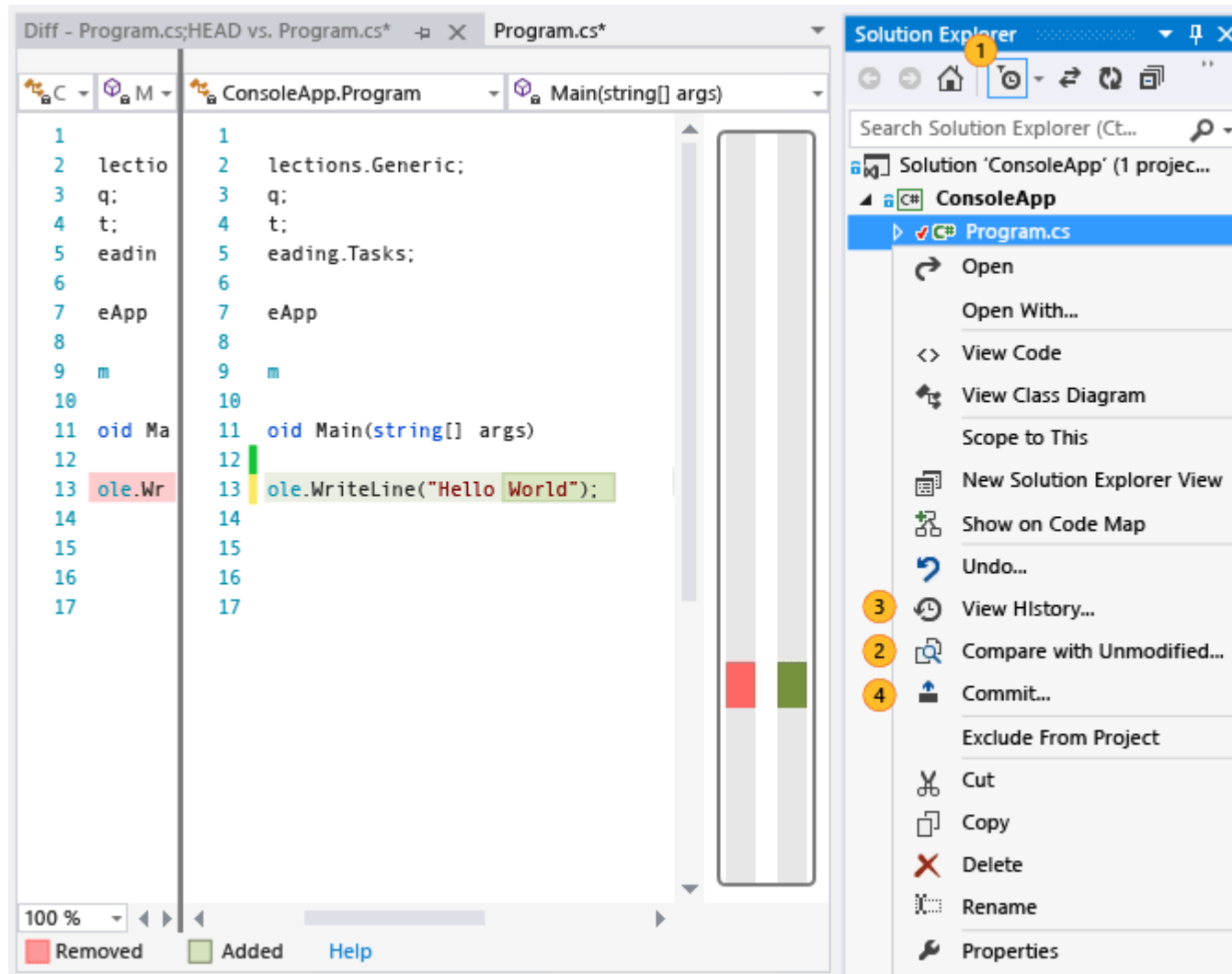


It should not be needed, but you may have to tell Visual Studio to turn on the "Visual Studio Git" provider or the "Team Foundation Server" provider. If you have other source control providers installed, like SourceSafe or SubVersion, they may hide this feature. To switch the source control provider, look under: `Tools` - `Options` - `Source control` - `Plug-in Selection`:

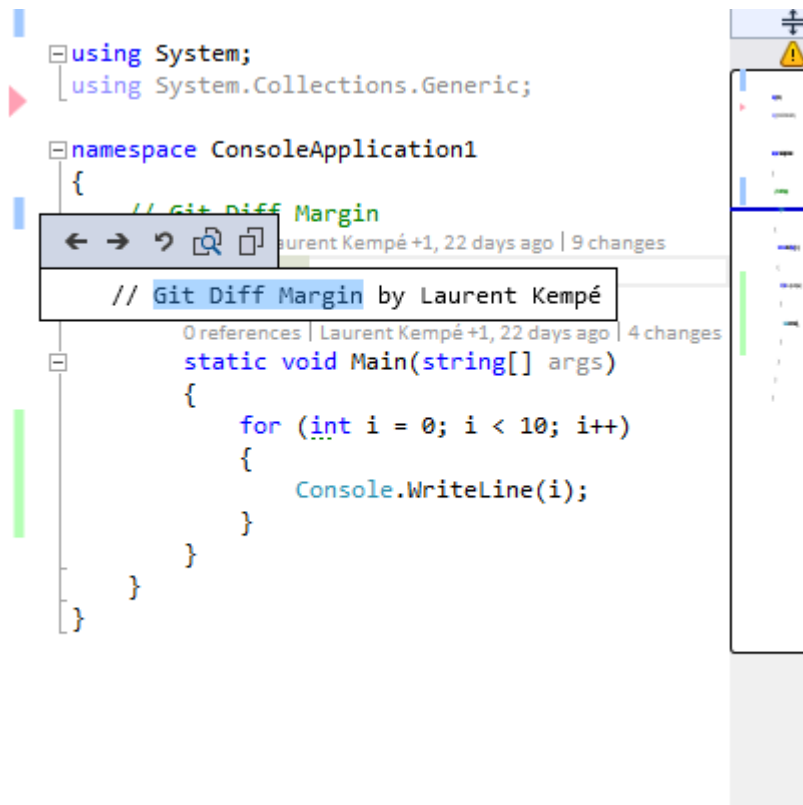


Visual Studio 2013 (as well as 2012) only support the `http` and `https` protocol to interact with a remote repository. `ssh:` and `git:` are not supported.

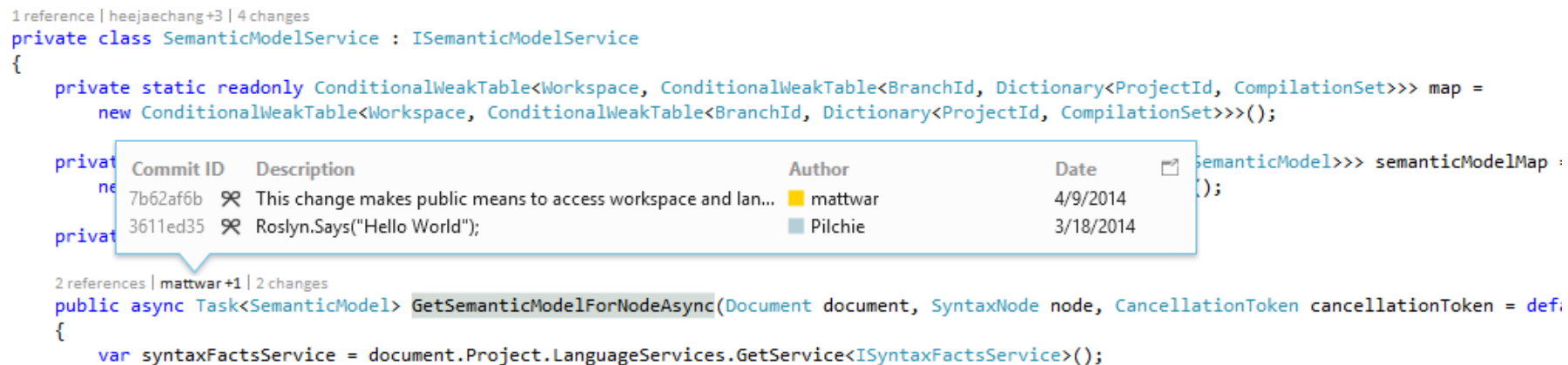
In the solution Explorer you can compare your current version to Unmodified:



The [Git Diff Margin](#) plugin provides additional information on local changes in the gutter of your source file:



And the Visual Studio 2013 ultimate feature "CodeLens" shows previous commits in the UI as well at the class and method level:



See also:

- [How to Connect Visual Studio 2012 with git \(github\)?](#)

- [What are the big differences between TFS and Git for source control when using Visual Studio 2013?](#)
- [Microsoft ALM Ranger Version Control Guidance - Git for TFVC users](#)

edited May 23 '17 at 12:02



Community ♦

1 1

answered Mar 18 '15 at 20:53



jessehouwing

75.7k 15 179 261

2 awesome answer! The screenshots were very helpful. Thanks a lot – [Frank Visaggio](#) Mar 23 '15 at 14:27 ✎
