

TSVN SIMPLE TOOLBAR MANUAL



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Dept: Engineering
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Version	Name	Date	Comment
0.0	Viewpoint Systems	20Apr2010	Original
0.1	Viewpoint Systems	15Jun2010	Added OS and LabVIEW version information, Added Installer Images
0.2	Viewpoint Systems	27Jul2010	Updated installer images

READ THIS BOX

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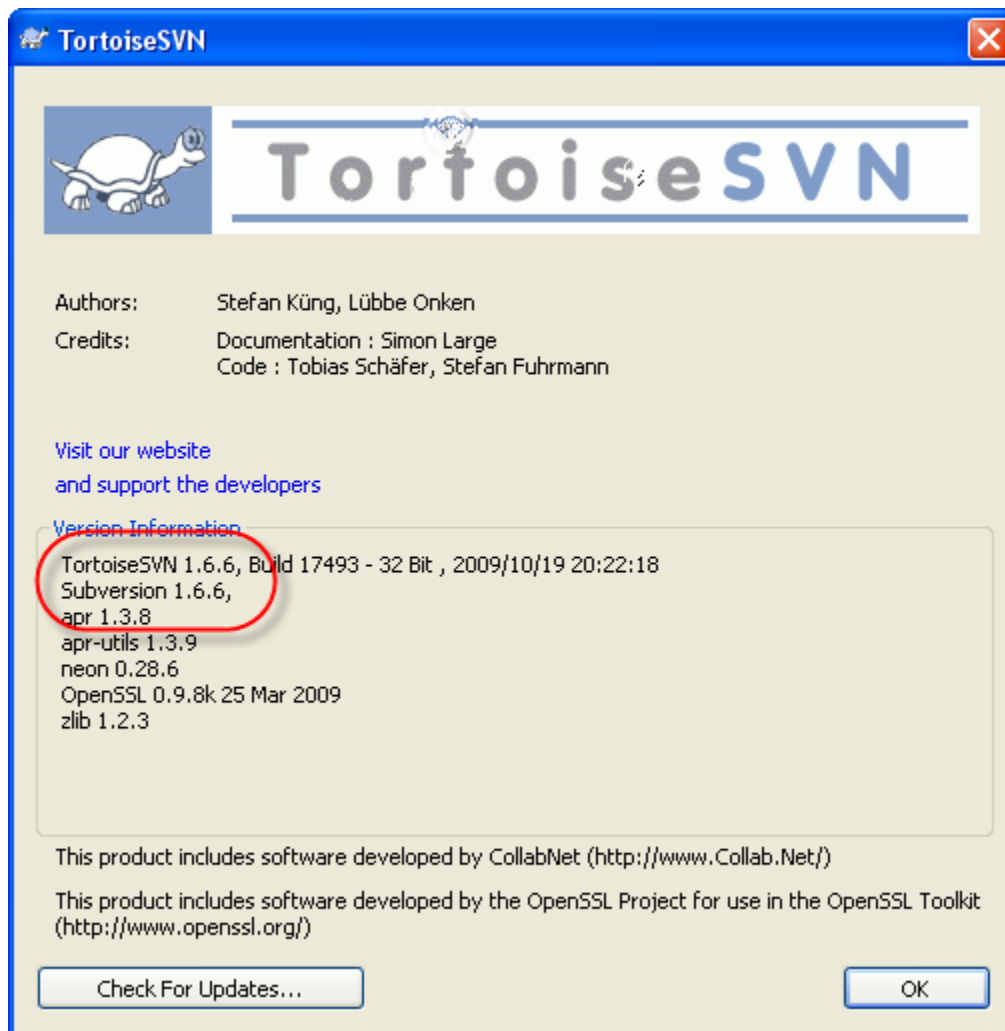
We do intend to make this product as robust as make sense for us, so any feedback on issues would be appreciated. Please send comments to TSVNTbar.support@viewpointusa.com.

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1.1 Installation Instructions

Please review the Readme file at the end of the installation for any final installation instructions.

TSVN Toolbar uses both TortoiseSVN and Subversion to perform various operations. You must install both Subversion and TortoiseSVN before installing the VSI TSVN Toolbar in order for the tool to operate correctly. Also, the version of Subversion used by TortoiseSVN must agree with the version of Subversion installed. The following About box screen capture shows how to find the versions.



Also, the command below will return the version number of SVN.

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```
C:\Documents and Settings\srn_SRM-D820-XP>cd\
C:\>svn --version
svn, version 1.6.6 (r40053)
  compiled Oct 26 2009, 20:14:36

Copyright (C) 2000-2009 CollabNet.
Subversion is open source software, see http://subversion.tigris.org/
This product includes software developed by CollabNet (http://www.Collab.Net/).

The following repository access (RA) modules are available:
```

1.2 Supported Operating Systems

The VSI TSVN Toolbar works under WindowsXP and Windows7 (32&64bit)

1.3 Supported LabVIEW Versions

The VSI TSVN Toolbar will work under the following LabVIEW versions:

- LabVIEW 8.2
- LabVIEW 8.5
- LabVIEW 8.6
- LabVIEW 2009

The toolbar has not been fully tested with all toolkits available for use with LabVIEW.

1.4 Installing the Toolbar



Figure 1: Welcome Screen

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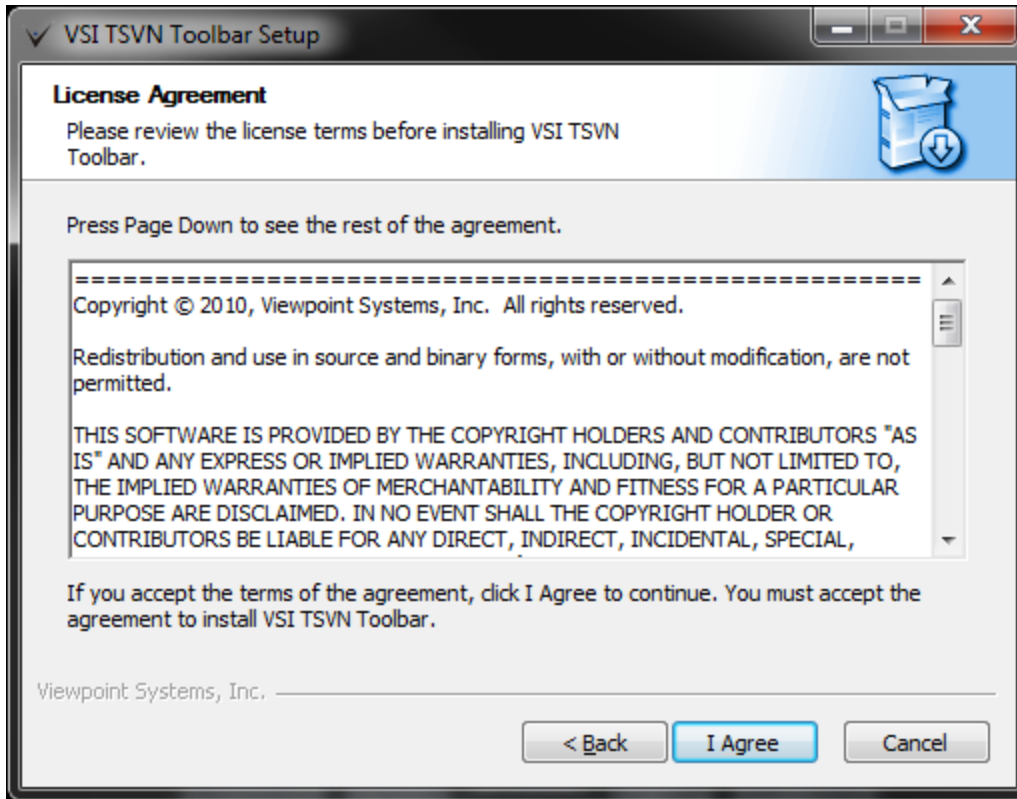


Figure 2: License

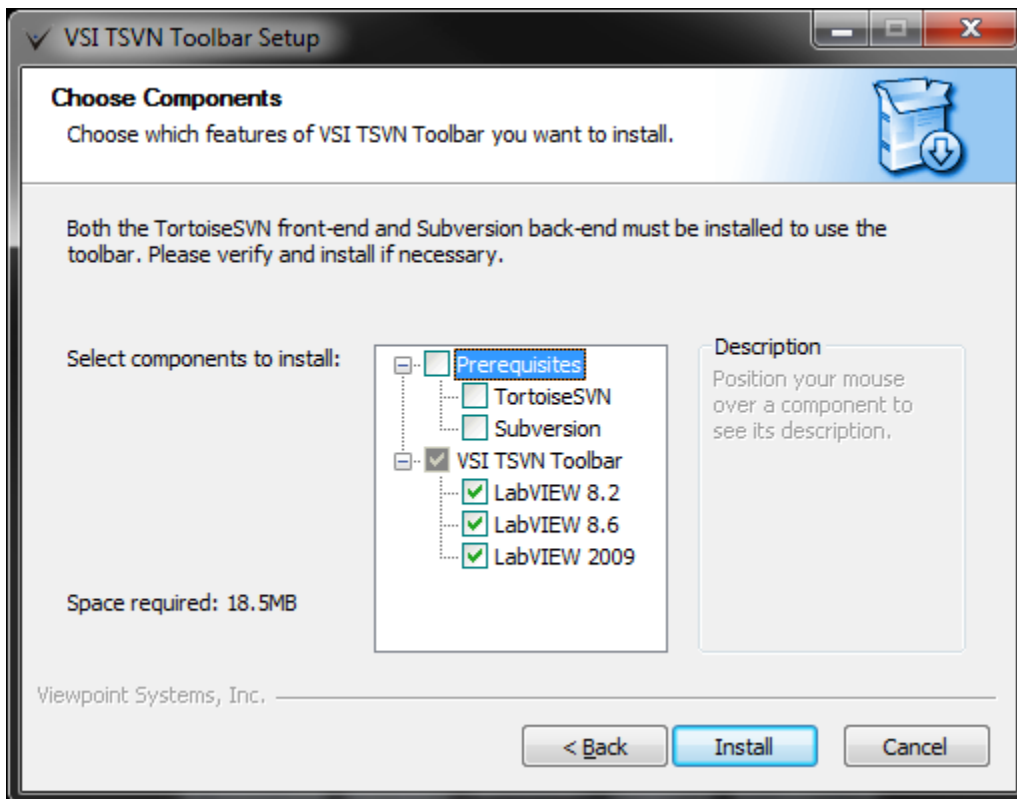


Figure 3: Components

If using LabVIEW prior to LabVIEW 2009 please select the LabVIEW 8.X ini component.

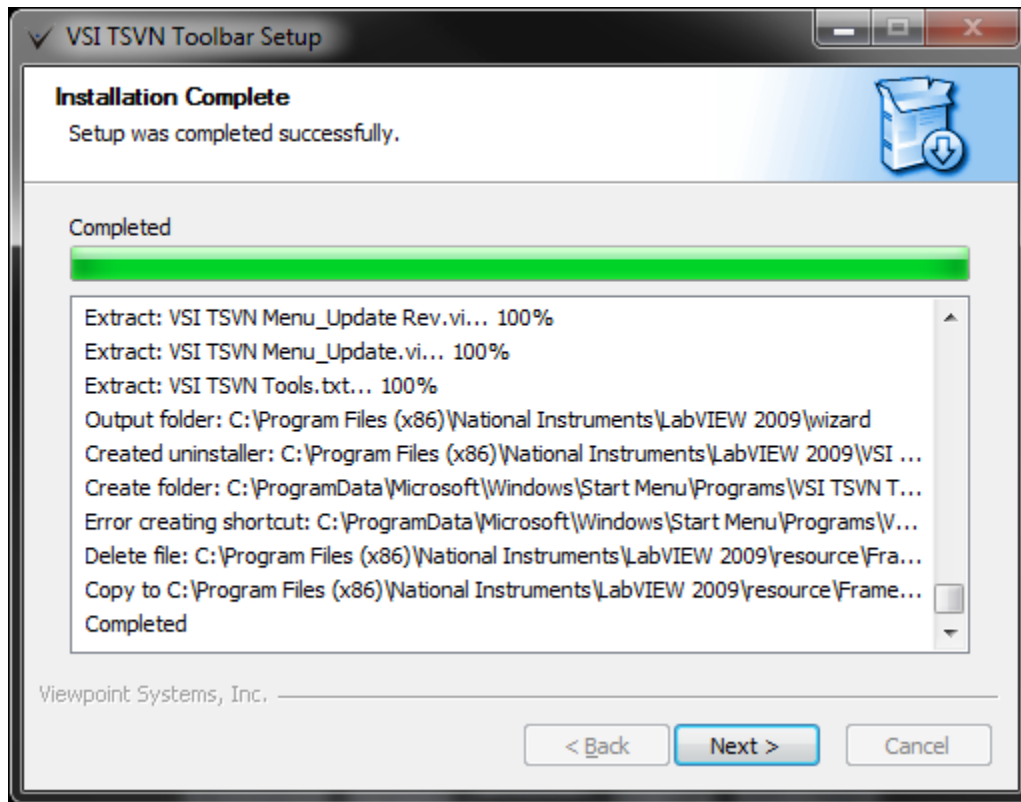


Figure 4: Installation



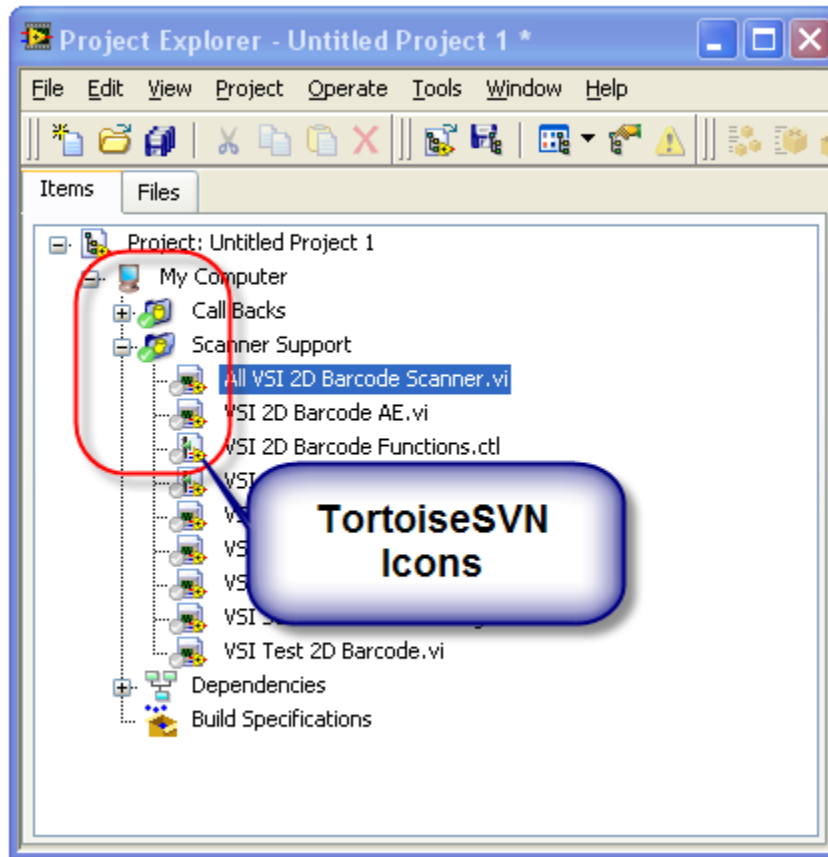
Figure 5: Installation Complete

Launch LabVIEW and try out with a project which contains files that are part of a Subversion repository.

2 Viewpoint's TSVN Toolbar – TortoiseSVN Source Control Interface for LabVIEW®

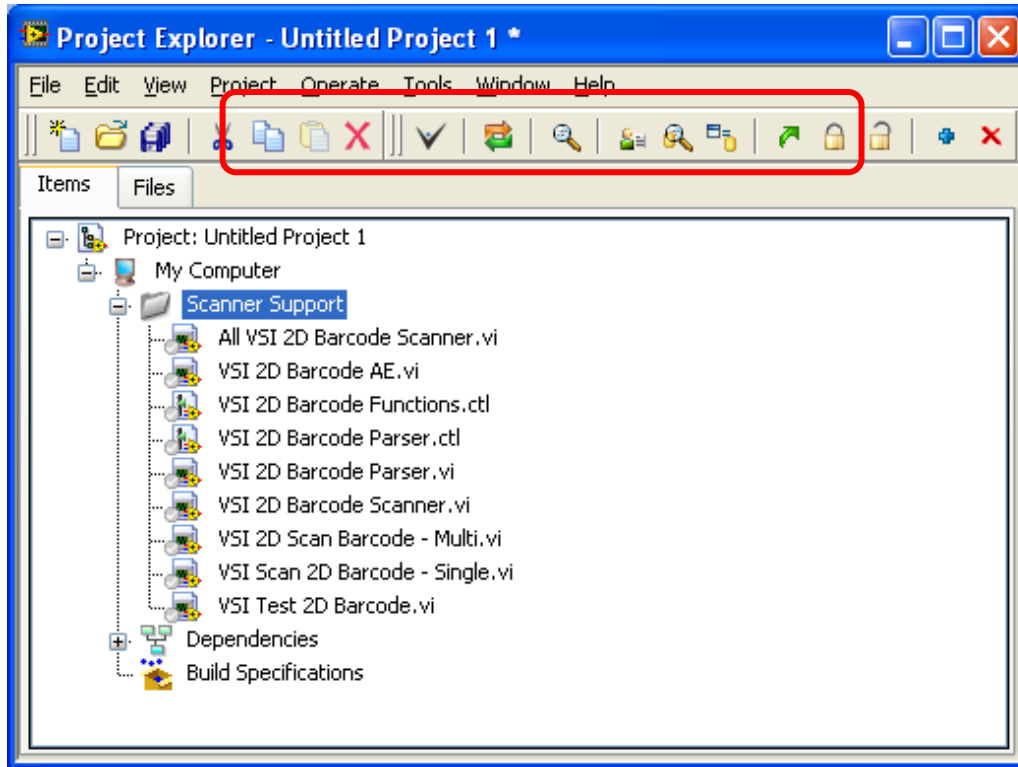
The TSVN Toolbar provides seamless integration to TortoiseSVN from LabVIEW with access to TortoiseSVN commands Get lock, Commit, Update, Add, Break lock and more.

2.1 Using TortoiseSVN icons in project window



The normal LabVIEW project icons are modified by the repository status. Note that the TSVN tools work with projects that span multiple repositories.

2.2 Access the tools from the Project Toolbar



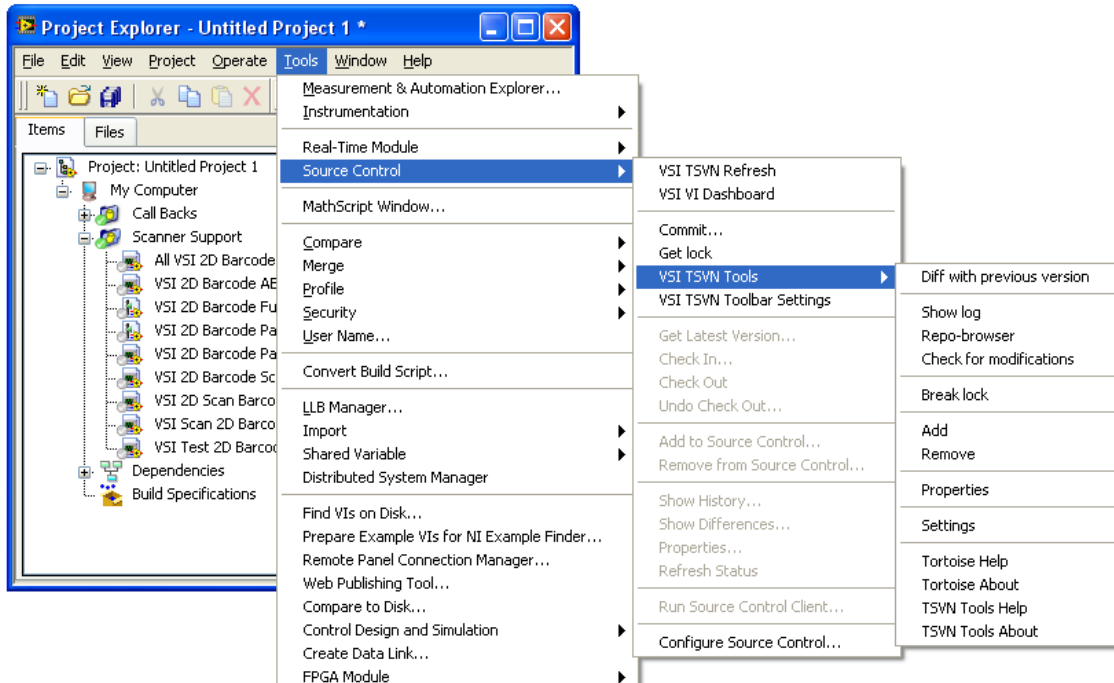
New Toolbar Icons:

- ✓ Opens the new VSI VI Dashboard
- ↻ Refreshes icon overlays of All or Visible items in the Project Explorer

These familiar icons are the same as the context menu icons in TortoiseSVN:

- 🔍 Diff with previous version
- 📄 Show log
- 🔍 Repo-browser
- ↻ Commit
- 🔒 Get lock
- 🔓 Release/Break lock
- ⊕ Add
- ✗ Delete

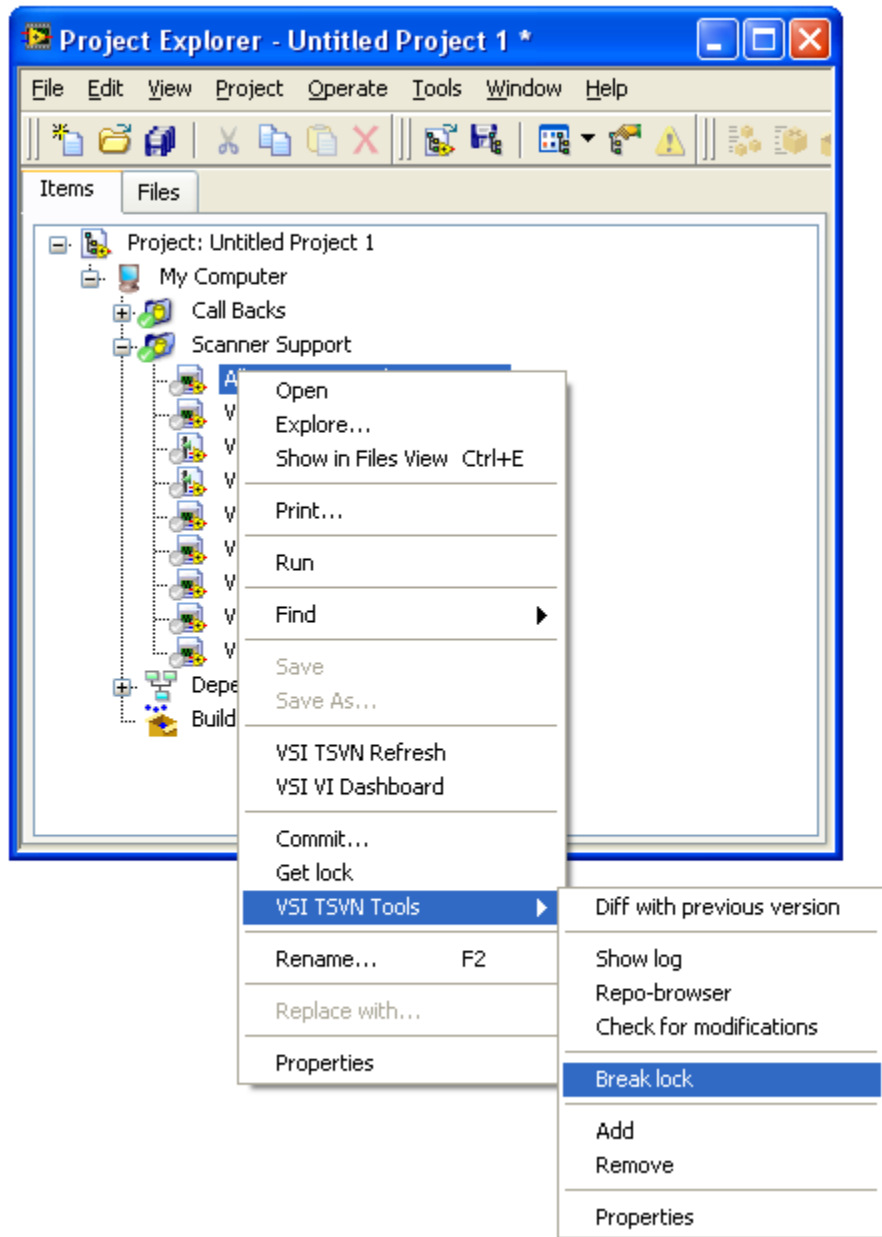
2.3 Access from the Project and VI Tools/Source Control Menu



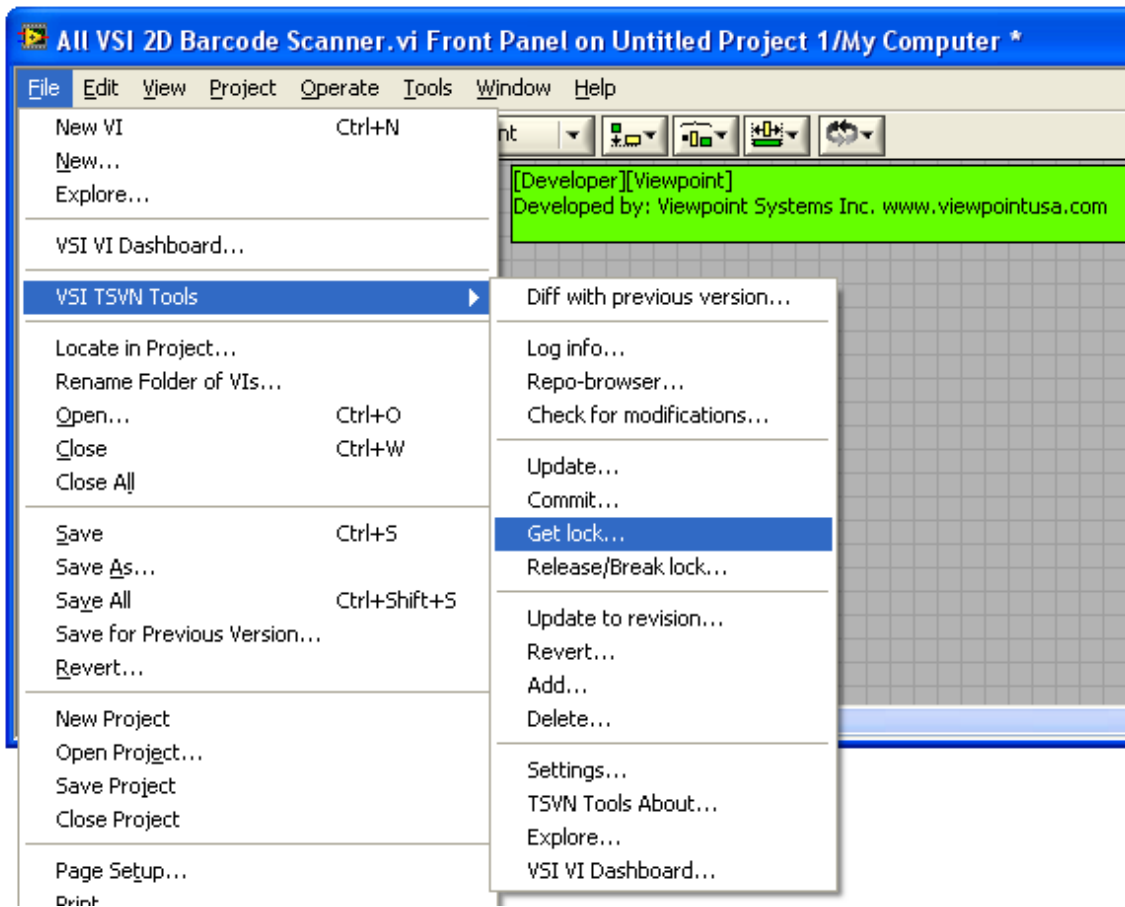
If using TortoiseSVN/Subversion with a different folder style, i.e. `_svn`, go to the VSI TSVN Toolbar Settings and update the SVN Hidden Folder Style option.

Settings can be found by navigating to `Tools>Source Control>VSI TSVN Toolbar Settings`.

Access from the Project Item Right Click Menu

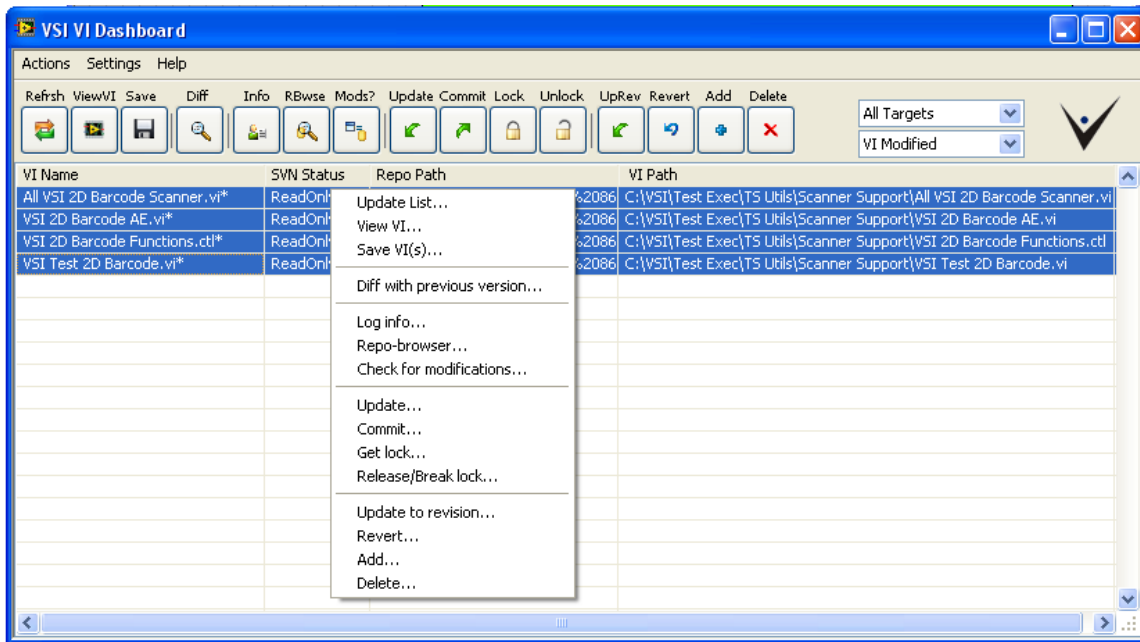


2.4 Access from the VI File Menu



2.5 Using the VSI VI Dashboard

The VSI VI Dashboard is a tool to manage multiple files at once. An action can be applied to a selected file list. For example, suppose several VIs have indirect changes arising from the rippling effect of a redefinition of enum, typedef clusters, and so on. With the Dashboard, you can select this list of changed VIs, and apply an action to all at one step. Use the button bar or right click menu interface.



The VSI VI Dashboard works with multiple SVN repositories and multiple LabVIEW targets. The visible list of VIs can be sorted and filtered. Use the usual click, ctrl-click, and shift-click selection techniques to choose the entries on which to apply the action.