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Version	Name	Date	Comment
0.0	Viewpoint Systems	12/7/2012	Original
0.1	E. Metzler	5/23/14	TSVN 1.8 updates

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 and questions to <u>tsvnsupport@viewpointusa.com</u>.

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File: Viewpoint TSVN Toolkit Installation Guide.docx

Viewpoint TSVN Toolkit Installation Guide

TortoiseSVN Source Control for LabVIEW®

1 Description

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 System Requirements

Operating System	Windows 7 or later
	32 or 64-bit
TortoiseSVN	1.8.x
	32 or 64-bit
LabVIEW	2012 or later (64-bit not yet
	supported)

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

2.1 TortoiseSVN 1.8

TSVN Toolbar uses TortoiseSVN to perform various operations. TortoiseSVN 1.8.x must be installed and any working copies must be updated to version 1.8 before being able to use the toolbar.

The latest version of TortoiseSVN can be downloaded from <u>http://tortoisesvn.net/downloads.html</u>.

The installed version of TortoiseSVN can be found in the TSVN About window by right-clicking any file or folder in Windows Explorer and choosing **TortoiseSVN >> About** from the context menu.



Figure 1 - TortoiseSVN Context Menu



Figure 2 - TortoiseSVN About

2.1.1 TortoiseSVN Help

If you are unfamiliar with TortoiseSVN, you can use the TortoiseSVN help in the context menu or online at http://tortoiseSVN, net/docs/release/TortoiseSVN en/tsvn-guick-start.html.

2.1.2 Upgrading Working Copies

If you are upgrading from TortoiseSVN 1.8 see the help on upgrading your working copies at <u>http://tortoisesvn.net/tsvn_1.8_releasenotes.html</u>.

3 Installing the Toolkit

3.1 VI Package Manager

VI Package Manager (free) is used to install the toolbar and can be downloaded from http://jki.net/vipm.

Open the latest Viewpoint TSVN Toolkit .vip file in VIPM or double click the .vip file. Select the LabVIEW version to install the toolbar in at the top of the VIPM window. Click the install (or upgrade) button.

🕖 JKI VIPM - Viewpoint TS	VN Toolkit	x
File Help		
Package Information Select an action	to perform on the package.	
12 2012 V	Viewpoint TSVN Toolkit Product Homepage	
Show in Palettes	Mewpoint TSVN Toolkit v1.8.1.8 by Viewpoint Systems, Inc Author: Eric Metzler Copyright: Copyright (c) 2014, Viewpoint Systems, Inc Compatible LabVIEW Versions: >= 2012. Compatible OS Versions: Windows.	
K Show Examples	Description: This set of tools allows developers to utilize SVN commands in the LabVIEW IDE via the Project Explorer conte menu and toolbar, File menu, and Tools menu. SVN status is also displayed in the Project Explorer using icon overlays similar to TortoiseSVN in Windows Explorer.	xt ≡
	The VI Dashboard features extend much of this functionality to include sorting and filtering of all VIs in memory and can perform other batch operations, such as adding copyright information to a VI and changing settings on multiple VIs at once.	J
	LabVIEW MUST be restarted after installing or upgrading this package.	
	This package requires TortoiseSVN 1.8.x be installed prior to installing the TSVN Toolkit. TortoiseSVN can be downloaded from http://tortoisesvn.net/downloads.html	
*Provise All Versions	Release Notes: Note: This is a beta release.	
	- SVN functions are now available on the palette under Addons/Viewpoint/SVN	

Figure 3: Install Screen

VI JKI VIPM - Viewpoint TSV	/N Toolkit				X			
File Help								
Package Information	Package Information							
Select an action t	o perform on the package.							
2012	Here is a list of tasks that VI	PM will perform. Cli	ck the checkbox to er	nable or disable the action o	on the item.			
	Product	Action	Status \/					
Install	Viewpoint TSVN Toolkit v 1.8.1.8	to be installed	user selected					
Show in Palettes								
Show Examples								
	Include Dependencies							
	Select / Deselect All							
*Browse All Versions		() ()	Help	Continue	Cancel			

Figure 4: Packages to Install

3.2 Connecting to LabVIEW

LabVIEW will get launched by VIPM. If VIPM cannot connect to LabVIEW, follow the VIPM Help to resolve the connection. The following link can help with resolving issues with connecting to LabVIEW in VIPM.

http://support.jki.net/entries/21447601-resolving-issues-with-vipm-connecting-to-labview

Once connected to LabVIEW, the license screen will be displayed.

s	*** ***
s	
	Connecting to LabVIEW 2012. Timeout: 112

Figure 5 - Connecting to LabVIEW

3.3 License Agreement

VI JKI VIPM - Viewpoint TS	VN Toolkit	X
File Help		
Package Information		
Select an action t	to perform on the package.	
2012 -	License Agreements You must accept the license(s) below to proceed.	
Install	Package Name License Agreement	
Show in Palettes	Viewpoint TSVN Toolkit v1.8.1.8 Viewpoint TSVN Toolkit v1.8.1.8 Copyright © 2014, Viewpoint Systems, Inc. All rights reserved. Redistribution and use in source and binary forms, with or without modification, is not permitted. THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; 	• E
*Browse All Versions	LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Yes, I accept these license Agreement(s) Install Packages No, I do not accept these license Agreement(s)	•

Figure 6: License Screen

3.4 Installation

If there is a problem with the install, click the **Error Details** button to find out more about the error.

VI VIPM - VSI TSVN Toolkit	August and	et a get	9445 AS	X
File Help				
Package Information				
Select an action to	o perform on the package.			
2012 -		Here a	are the results of the last action.	
	Product	Action	Status \/	
Install	X VSI TSVN Toolkit v1.7.0.28	Not installed	VIPM could not install the package viewpoint_tsvn_toolkit-1.7.0.	28.
Show in Palettes				
Show Examples				
	•		m	•
	Include Dependencies			
	Select / Deselect All			
*Browse All Versions			Help O Error Details	h

Figure 7 - Packages Not Installed

If the installation is successful, the installation complete screen will be shown.

VI JKI VIPM - Viewpoint TSV	/N Toolkit						
File Help							
Package Information							
Select an action t	o perform on the package.						
2012 🔹		Here a	re the results of t	he last action.			
	Product	Action	Status \/				
Install	✓ Viewpoint TSVN Toolkit v1.8.1.8	installed	No Errors				
🖳 Show in Palettes							
Show Examples							
	Include Dependencies						
	Select / Deselect All						
*Browse All Versions					V Finish		

Figure 8: Installation Complete

3.5 Restart LabVIEW

LabVIEW must be restarted after installing or upgrading the toolbar before changes will take effect.

4 Further Reading

See the **Viewpoint TSVN Toolkit Getting Started Guide** and **Viewpoint TSVN Toolkit User Guide** for information on using the Toolkit.