## Windows SVN GUI Client

TortoiseSVN (<u>http://tortoisesvn.tigris.org</u>) is a good Windows SVN client tool. Below is a short description how to get read/write access to OpenCores SVN server.

In these examples we pretend to have the following user information:

username: oc\_user

password: oc\_pw

## Read access (checkout)

With "checkout" you download a copy of a project from the OpenCores SVN server.

In this example we will download the "spi"-core just to demonstrate.

The TortoiseSVN functions are integrated into Windows file manager. Create a directory where you want to save the repositories (oc\_svn in this example).

Mark the directory and "right-click" to access the TortoiseSVN functions and then choose "SVN Checkout", see picture below:

🍩 Local Disk (C:)							
File Edit View Favorites Tools Help							
Search by Folders							
Address 🥪 C:\							
^	Name 🔺	Size	Туре	Date Modified			
System Tasks 🛛 🛞	🗀 cygwin		File Folder	2008-10-17 15:08			
Contraction of the second sector of	Cygwin_install		File Folder	2008-10-17 14:26			
this drive	Documents and Settings		File Folder	2008-08-18 09:21			
Add or remove	🚞 flexIm		File Folder	2008-08-18 12:44			
programs	🛅 hw_programs		File Folder	2008-09-05 08:18			
Search for files or			File Folder	2008-10-29 12:14			
folders	Pro Explore		File Folder	2008-10-29 11:14			
	Deput Search		File Folder	2008-08-18 10:35			
File and Folder Tasks 🚷 =	Care Care Care Care Care Care Care Care	-1	File Folder	2008-08-18 10:38			
	Sys Sharing and Security		File Folder	2008-08-18 09:18			
📑 Rename this folder	SVN Checkout		File Folder	2008-10-29 08:40			
👩 Move this folder	Virt TortoiseSVN		File Folder	2008-08-22 14:08			
Copy this folder	Ind	1 KB	RND File	2008-08-18 10:50			
Dublish this folder to	AU Send To	• 0 KB	MS-DOS Batch File	2008-08-18 09:14			
the Web	Bod Cut	- 1 KB	Configuration Settings	2008-08-18 09:09			
🛃 Share this folder		0 KB	System file	2008-08-18 09:14			
🛱 E-mail this folder's files	hibe	523 876 KB	System file	2008-10-29 11:16			
Delete this folder	IO. Create Shortcut	0 KB	System file	2008-08-18 09:14			
	MSI Delete	0 KB	System file	2008-08-18 09:14			
	NTL Rename	47 KB	MS-DOS Application	2006-02-28 13:00			
Other Places	Properties	- 245 KB	System file	2008-08-18 09:40			
	Im bad	786 432 KB	System file	2008-10-29 11:16			
🧕 My Computer							
A My Documents							

Then enter the text showed in the picture below:



URL of repository: http://opencores.org/ocsvn/spi/spi

Note that the project name must be specified twice (...../spi/spi)!

Checkout directory: C:\oc\_svn\spi

Click "OK" and then type in your OpenCores username and password.

If the "Checkout" succeeded you should get see the a window similar to picture below:

📽 http://19	92.168.100.145/ocsvn/spi - Check	cout - TortoiseSVN Finished!	
Action	Path		Mime typ 🔼
Added	C:\oc_svn\spi\rtl\verilog\spi_top.v		
Added	C:\oc_svn\spi\rtl\verilog\spi_clgen.v		
Added	C:\oc_svn\spi\rtl\verilog\timescale.v		
Added	C:\oc_svn\spi\rtl\verilog\spi_defines.v		
Added	C:\oc_svn\spi\rtl\verilog\spi_shift.v		
Added	C:\oc_svn\spi\doc C:\oc_svn\spi\doc		
Added	C:loc_svnlspildoclspilpar		
Added	C: (oc_svn(spi)doc(src C:)oc_svn(spi)doc)ersisdoc		
Added	Chocsvn(spitaucisrcispitauci		
Added	Choc_svn(spi)sim\rtl_sim		
Added	C:loc_svn\spi\sim\rtL_sim\rup		
Added	C:\oc_svn\spi\sim\rtl_sim\run\rtl.fl		
Added	C:\oc_syn\spi\sim\rtl_sim\run\sim.fl		
Added	C:\oc_svn\spi\sim\rtl_sim\run\run_sim		
Completed	At revision: 1		✓
<			
Adda dago			
Added:22			
			OK Cancel

## Write access (checkin)

With "checkin" you upload a new project into OpenCores SVN server.

After you have "checkout" a project you can then change files located in your local directory and then upload (commit) the changes back to OpenCores.

Note that you must be a maintainer of a project to be able to "checkin/commit" files.