QlikView Enterprise Solutions

QlikView 11 Version Control possibilities

- Team Foundation Server
- Tortoise SVN (SUBVersion)

Setup your demo environment

Version:	1.0
Date:	2012-04-02
Author(s)	THP

”A best practice is a technique or methodology that, through experience and research, has proven to reliably lead to a desired result.”

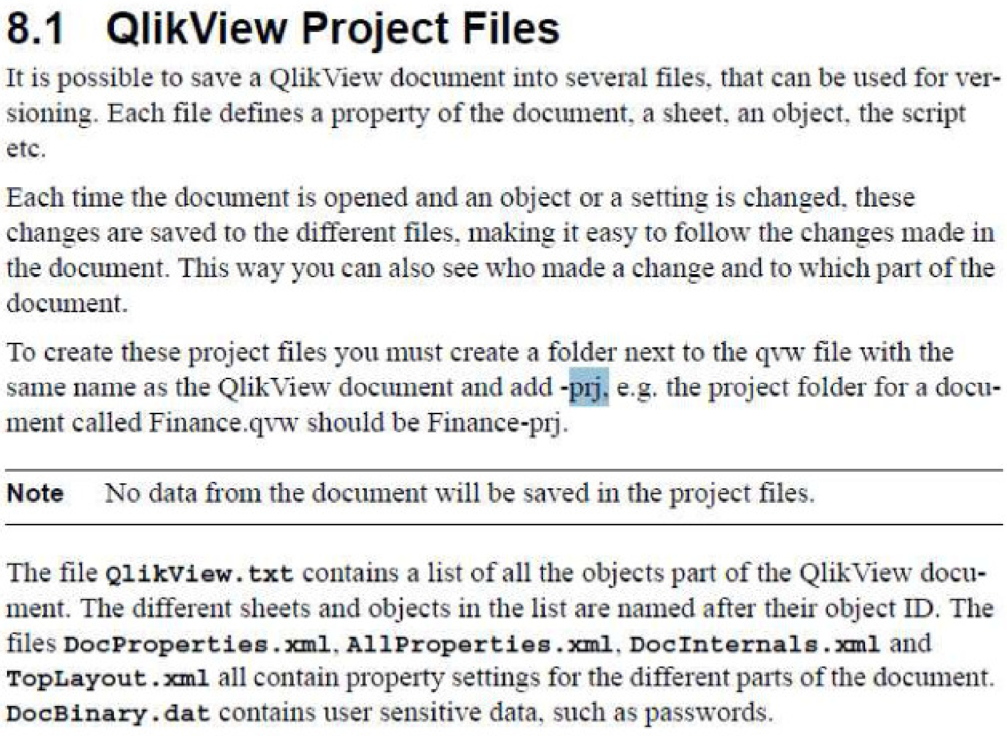
Contents

Introduction

Revision control, also known as version control, source control or software configuration Management (SCM), is the management of changes to documents, programs, and other Information stored as computer files. It is most commonly used in software development, where a team of people may change the same files.

As the development team of a QlikView Application grows, the need for SCM grows as well. This document describes how to use QV11 together with the Microsoft Team Foundation Server and the popular Open Source version control system SVN with the SVN-client TortoiseSVN. It will describe typical developer/multideveloper scenarios and how one can take advantages out of SCM in these situations.

To simplify work with SCM QV10 introduced the feature QlikView Project Files. This new Feature is described in the Qlikview Developer Reference Manual in section “8.1 QlikView Project Files” on page 59. See screenshot.



8.1 QlikView Project Files

It is possible to save a QlikView document into several files, that can be used for versioning. Each file defines a property of the document, a sheet, an object, the script etc.

Each time the document is opened and an object or a setting is changed, these changes are saved to the different files, making it easy to follow the changes made in the document. This way you can also see who made a change and to which part of the document.

To create these project files you must create a folder next to the qvw file with the same name as the QlikView document and add -prj, e.g. the project folder for a document called Finance.qvw should be Finance-prj.

Note No data from the document will be saved in the project files.

The file `QlikView.txt` contains a list of all the objects part of the QlikView document. The different sheets and objects in the list are named after their object ID. The files `DocProperties.xml`, `AllProperties.xml`, `DocInternals.xml` and `TopLayout.xml` all contain property settings for the different parts of the document. `DocBinary.dat` contains user sensitive data, such as passwords.

Read more:

http://en.wikipedia.org/wiki/Revision_control

General Approach

In computer software engineering, revision control is any practice that tracks and provides control over changes to source code. Software developers sometimes use revision control software to maintain documentation and configuration files as well as source code.

As teams design, develop and deploy software, it is common for multiple versions of the same software to be deployed in different sites and for the software's developers to be working simultaneously on updates. Bugs or features of the software are often only present in certain versions (because of the fixing of some problems and the introduction of others as the program develops). Therefore, for the purposes of locating and fixing bugs, it is vitally important to be able to retrieve and run different versions of the software to determine in which version(s) the problem occurs. It may also be necessary to develop two versions of the software concurrently (for instance, where one version has bugs fixed, but no new features (branch), while the other version is where new features are worked on (trunk).

At the simplest level, developers could simply retain multiple copies of the different versions of the program, and label them appropriately. This simple approach has been used on many large software projects. While this method can work, it is inefficient as many near-identical copies of the program have to be maintained. This requires a lot of self-discipline on the part of developers, and often leads to mistakes. Consequently, systems to automate some or all of the revision control process have been developed.

Moreover, in software development, legal and business practice and other environments, it has become increasingly common for a single document or snippet of code to be edited by a team, the members of which may be geographically dispersed and may pursue different and even contrary interests. Sophisticated revision control that tracks and accounts for ownership of changes to documents and code may be extremely helpful or even necessary in such situations.

Revision control may also track changes to configuration files, such as those typically stored in /etc or /usr/local/etc on Unix systems. This gives system administrators another way to easily track changes made and a way to roll back to earlier versions should the need arise.

Source-management models

Traditional revision control systems use a centralized model where all the revision control functions take place on a shared server. If two developers try to change the same file at the same time, without some method of managing access the developers may end up overwriting each other's work. Centralized revision control systems solve this problem in one of two different "source management models": file locking and version merging.

Atomic operations

Computer scientists speak of atomic operations if the system is left in a consistent state even if the operation is interrupted. The commit operation is usually the most critical in this sense. Commits are operations that tell the revision control system you want to make a group of changes final and available to all users. Not all revision control systems have atomic commits; notably, the widely-used CVS lacks this feature.

File locking

The simplest method of preventing "concurrent access" problems involves locking files so that only one developer at a time has write access to the central "repository" copies of those files. Once one developer "checks out" a file, others can read that file, but no one else may change that file until that developer "checks in" the updated version (or cancels the checkout).

File locking has both merits and drawbacks. It can provide some protection against difficult merge conflicts when a user is making radical changes to many sections of a large file (or group of files). However, if the files are left exclusively locked for too long, other developers may be tempted to bypass the revision control software and change the files locally, leading to more serious problems.

Version merging

Most version control systems allow multiple developers to edit the same file at the same time. The first developer to "check in" changes to the central repository always succeeds. The system may provide facilities to merge further changes into the central repository, and preserve the changes from the first developer when other developers check in.

Merging two files can be a very delicate operation, and usually possible only if the data structure is simple, as in text files. The result of a merger of two image files might not result in an image file at all. The second developer checking in code will need to take care with the merge, to make sure that the changes are compatible and that the merge operation does not introduce its own logic errors within the files. These problems limit the availability of automatic or semi-automatic merge operations mainly to simple text based documents, unless a specific merge plugin is available for the file types.

The concept of a reserved edit can provide an optional means to explicitly lock a file for exclusive write access, even when a merging capability exists.

Baselines, labels and tags

Most revision control tools will use only one of these similar terms (baseline, label, tag) to refer to the action of identifying a snapshot ("label the project") or the record of the snapshot ("try it with baseline X"). Typically only one of the terms baseline, label, or tag is used in documentation or discussion they can be considered synonyms.

In most projects some snapshots are more significant than others, such as those used to indicate published releases, branches, or milestones.

When both the term baseline and either of label or tag are used together in the same context, label and tag usually refer to the mechanism within the tool of identifying or making the record of the snapshot, and baseline indicates the increased significance of any given label or tag.

Most formal discussion of configuration management uses the term baseline.

Prerequisites

Specific Prerequisites for the following configuration

- Active Directory already configured (Possible to install without an AD)
- Microsoft .Net 4
- Microsoft® SQL Server® 2008 Express (useful but not required because the Team foundation Server Setup includes a SQL Server Express installation)
    - http://www.microsoft.com/download/en/details.aspx?displaylang=en&id=22973

Microsoft SQL Server 2008 Express with Tools is a free, easy-to-use version of the SQL Server Express data platform that includes the graphical management tool: SQL Server Management Studio (SMSS) Express. SQL Server 2008 Express provides rich features, data protection, and fast performance. It is ideal for small server applications and local data stores.

Free to download, free to deploy, and free to redistribute as an embedded part of an application, SQL Server 2008 Express with Tools is the fast and easy way to develop and manage data-driven applications.

For more information about SQL Server 2008 Express with Tools, including other versions and downloadable components now available, see Microsoft SQL Server Express.

For information about the different editions of SQL Server 2008, see the Editions page.

System requirements:

Supported operating systems: Windows Server 2003 Service Pack 2, Windows Server 2008, Windows Vista, Windows Vista Service Pack 1, Windows XP Service Pack 2, Windows XP Service Pack 3

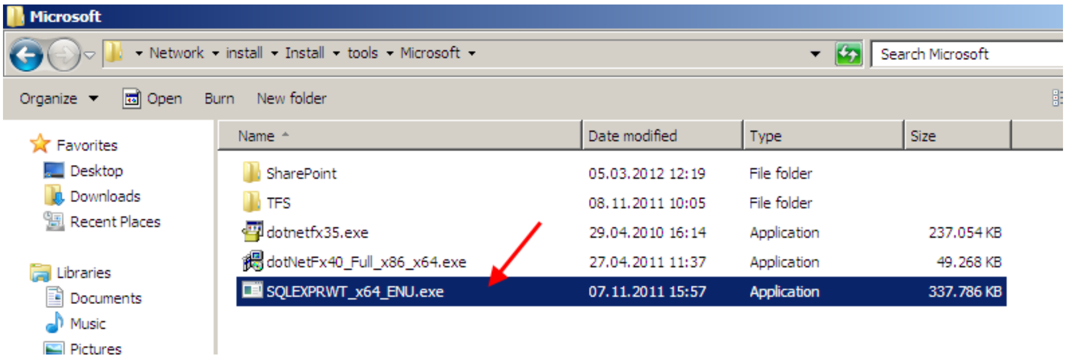
- 32-Bit Systems: Computer with Intel or compatible 1GHz or faster processor (2 GHz or faster is recommended. Only a single processor is supported)
- 64-Bit Systems: 1.4 GHz or higher processor (2 GHz or faster is recommended. Only a single processor is supported)
- Minimum of 512 MB of RAM (1 GB or more is recommended)
- 1 GB of free hard disk space

Team Foundation Server & QlikView

How to setup your environment

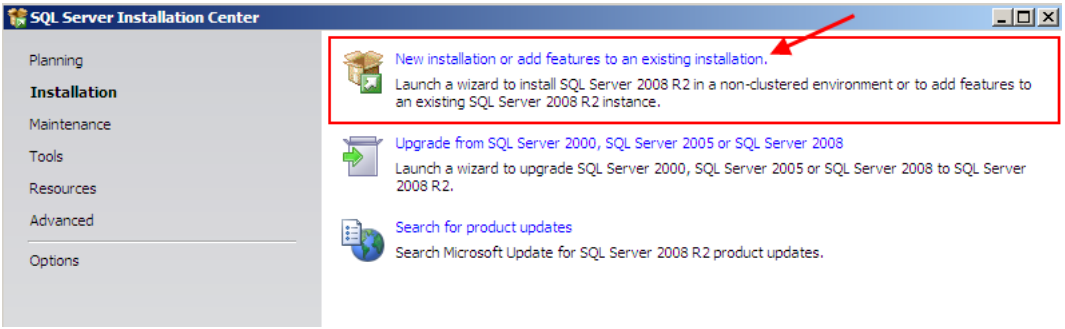
SQL Server Setup

1. Start the SQL Server setup



Name	Date modified	Type	Size
SharePoint	05.03.2012 12:19	File folder	
TFS	08.11.2011 10:05	File folder	
dotnetfx35.exe	29.04.2010 16:14	Application	237.054 KB
dotNetFx40_Full_x86_x64.exe	27.04.2011 11:37	Application	49.268 KB
SQLEXPRWT_x64_ENU.exe	07.11.2011 15:57	Application	337.786 KB

2. Select "New Installation"

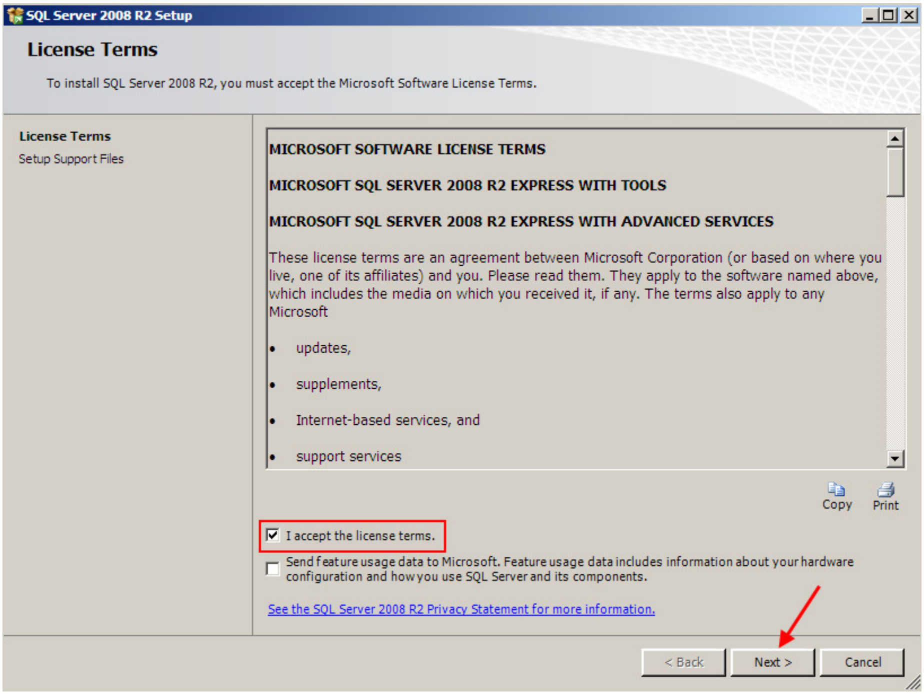


New installation or add features to an existing installation.
Launch a wizard to install SQL Server 2008 R2 in a non-clustered environment or to add features to an existing SQL Server 2008 R2 instance.

Upgrade from SQL Server 2000, SQL Server 2005 or SQL Server 2008
Launch a wizard to upgrade SQL Server 2000, SQL Server 2005 or SQL Server 2008 to SQL Server 2008 R2.

Search for product updates
Search Microsoft Update for SQL Server 2008 R2 product updates.

3. The SQL Server 2008 Setup



License Terms

To install SQL Server 2008 R2, you must accept the Microsoft Software License Terms.

License Terms
Setup Support Files

MICROSOFT SOFTWARE LICENSE TERMS

MICROSOFT SQL SERVER 2008 R2 EXPRESS WITH TOOLS

MICROSOFT SQL SERVER 2008 R2 EXPRESS WITH ADVANCED SERVICES

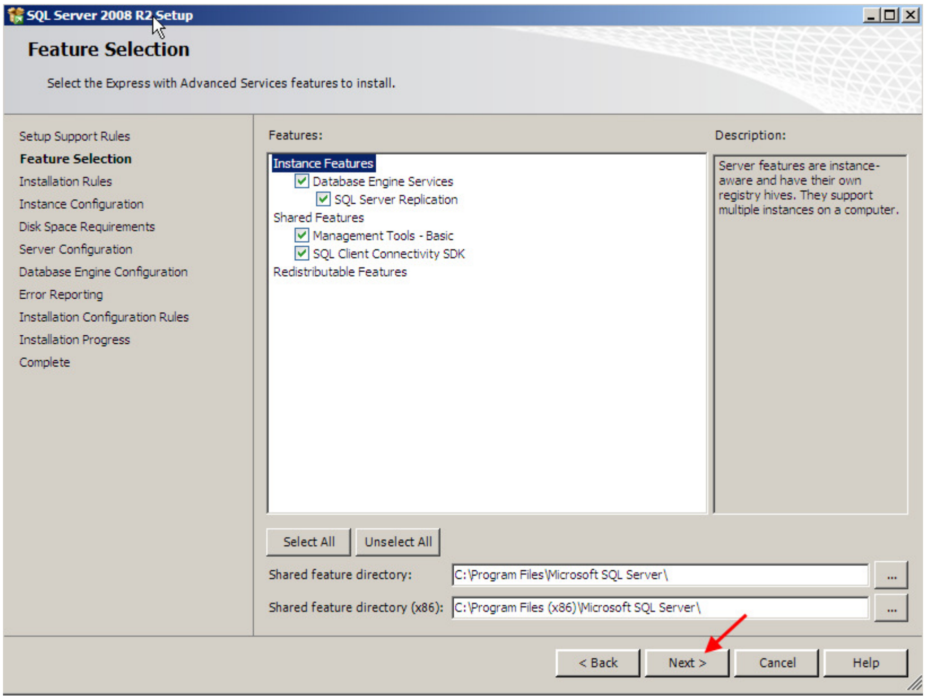
These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft

- updates,
- supplements,
- Internet-based services, and
- support services

☑ I accept the license terms.

□ Send feature usage data to Microsoft. Feature usage data includes information about your hardware configuration and how you use SQL Server and its components.

See the SQL Server 2008 R2 Privacy Statement for more information.



Feature Selection

Select the Express with Advanced Services features to install.

Setup Support Rules
Feature Selection
Installation Rules
Instance Configuration
Disk Space Requirements
Server Configuration
Database Engine Configuration
Error Reporting
Installation Configuration Rules
Installation Progress
Complete

Features:

Instance Features
- ☑ Database Engine Services
  - ☑ SQL Server Replication

Shared Features
- ☑ Management Tools - Basic
- ☑ SQL Client Connectivity SDK

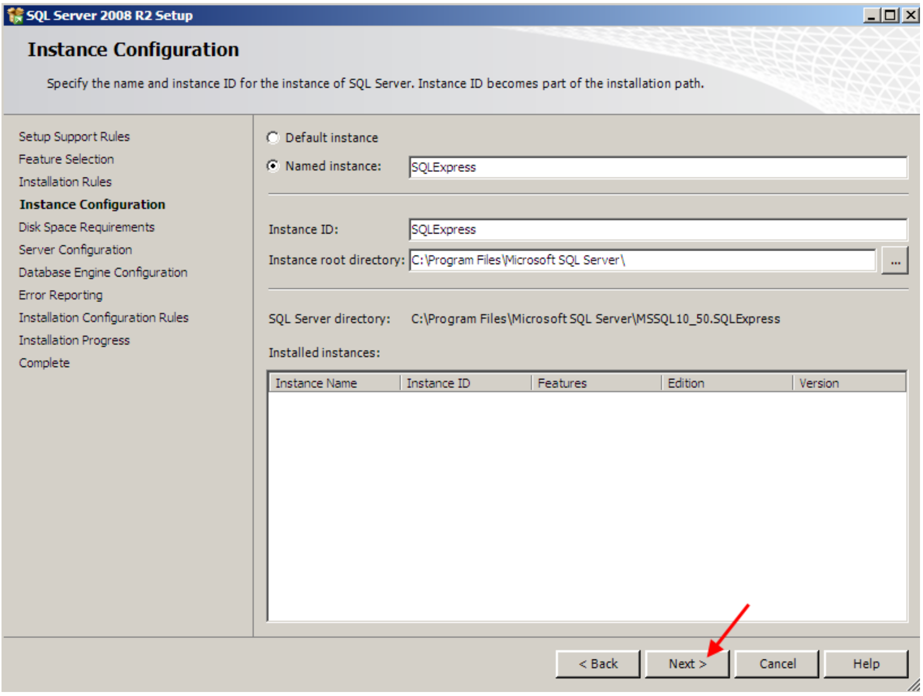
Redistributable Features

Description:

Server features are instance-aware and have their own registry hives. They support multiple instances on a computer.

Shared feature directory: C:\Program Files\Microsoft SQL Server\

Shared feature directory (x86): C:\Program Files (x86)\Microsoft SQL Server\



Instance Configuration

Specify the name and instance ID for the instance of SQL Server. Instance ID becomes part of the installation path.

○ Default instance

● Named instance: SQLExpress

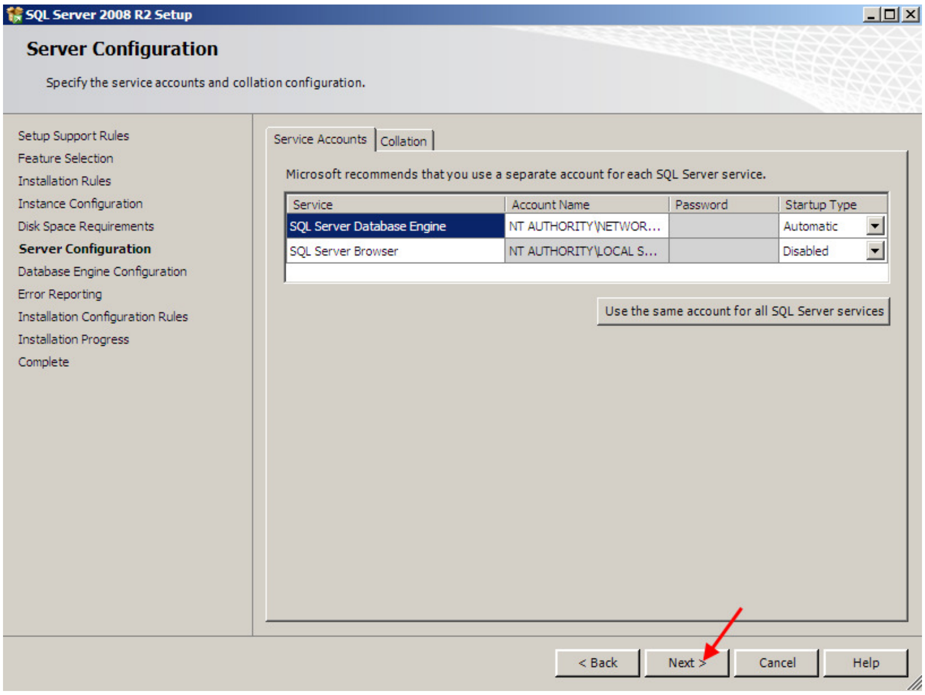
Instance ID: SQLExpress

Instance root directory: C:\Program Files\Microsoft SQL Server\

SQL Server directory: C:\Program Files\Microsoft SQL Server\MSSQL10_50.SQLExpress

Installed instances:

Instance Name	Instance ID	Features	Edition	Version

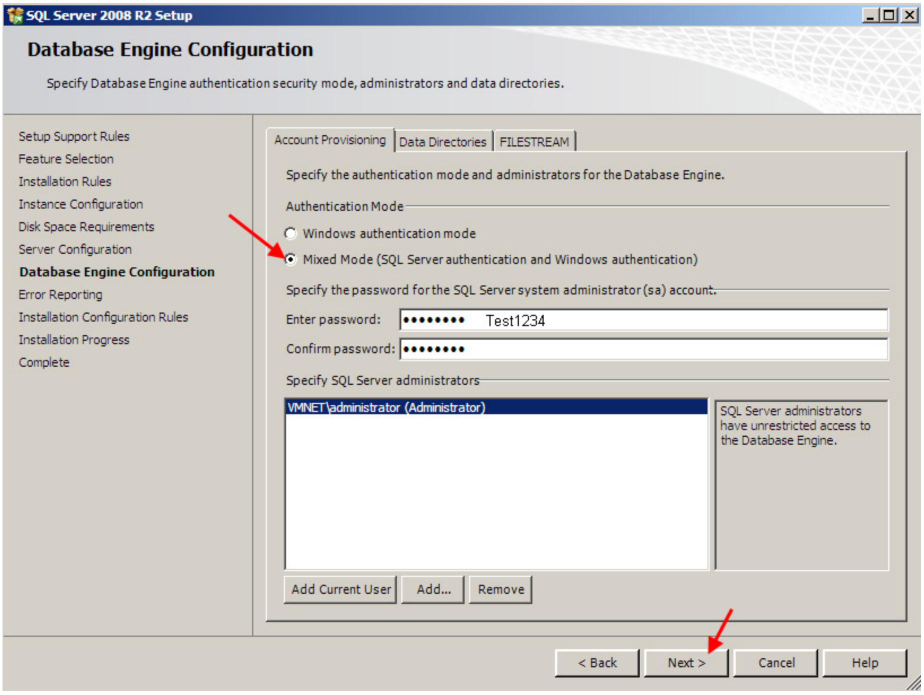


Server Configuration

Specify the service accounts and collation configuration.

Microsoft recommends that you use a separate account for each SQL Server service.

Service	Account Name	Password	Startup Type
SQL Server Database Engine	NT AUTHORITY\NETWOR...		Automatic
SQL Server Browser	NT AUTHORITY\LOCAL S...		Disabled



SQL Server 2008 R2 Setup

Database Engine Configuration

Specify Database Engine authentication security mode, administrators and data directories.

Specify the authentication mode and administrators for the Database Engine.

Authentication Mode

○ Windows authentication mode

● Mixed Mode (SQL Server authentication and Windows authentication)

Specify the password for the SQL Server system administrator (sa) account.

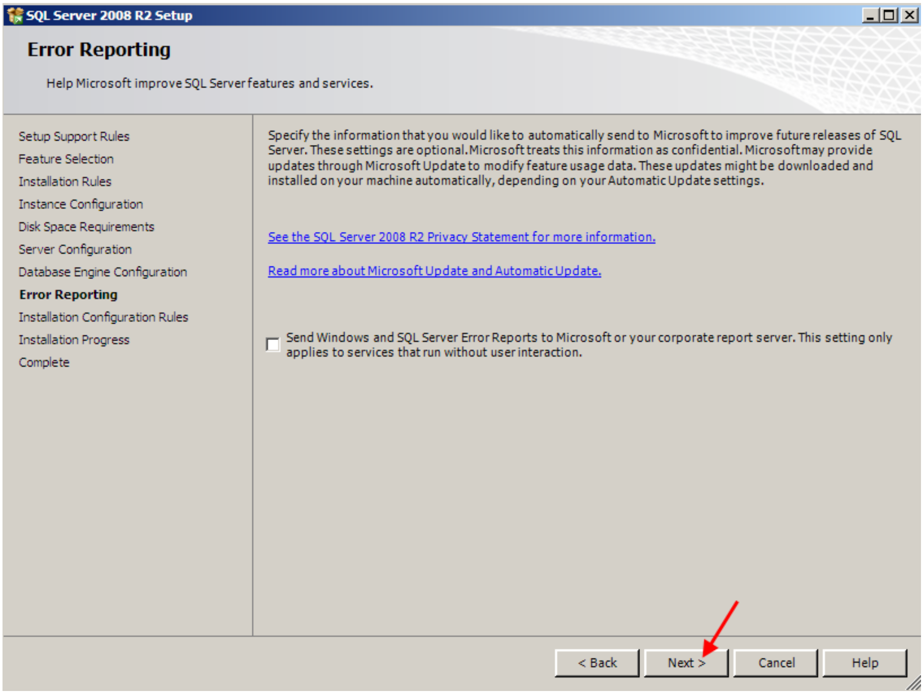
Enter password: •••••••• Test1234

Confirm password: ••••••••

Specify SQL Server administrators

VMNET\administrator (Administrator)

SQL Server administrators have unrestricted access to the Database Engine.



SQL Server 2008 R2 Setup

Error Reporting

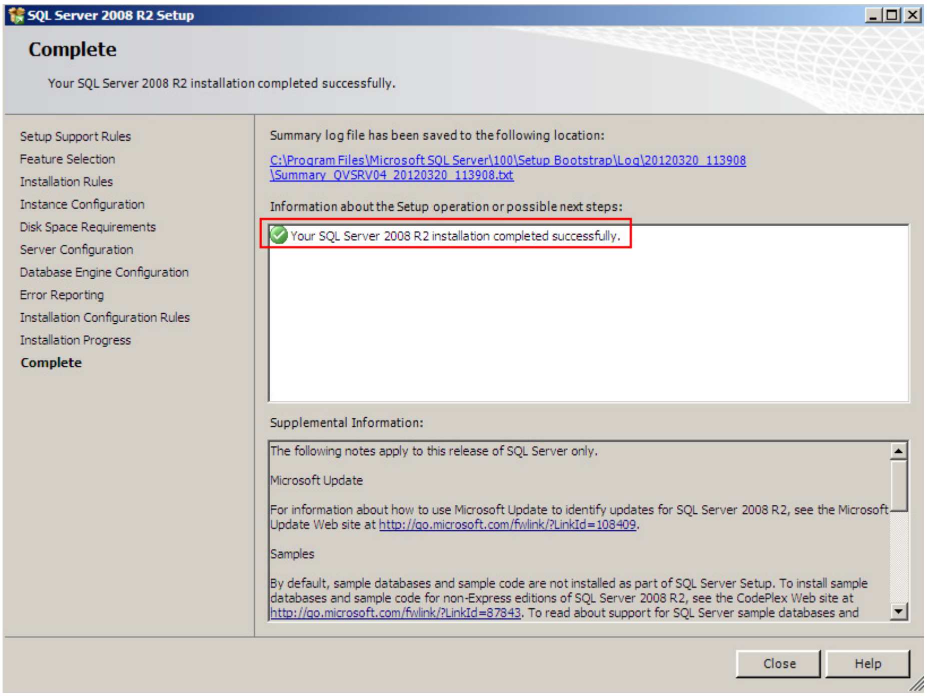
Help Microsoft improve SQL Server features and services.

Specify the information that you would like to automatically send to Microsoft to improve future releases of SQL Server. These settings are optional. Microsoft treats this information as confidential. Microsoft may provide updates through Microsoft Update to modify feature usage data. These updates might be downloaded and installed on your machine automatically, depending on your Automatic Update settings.

See the SQL Server 2008 R2 Privacy Statement for more information.

Read more about Microsoft Update and Automatic Update.

☐ Send Windows and SQL Server Error Reports to Microsoft or your corporate report server. This setting only applies to services that run without user interaction.



Complete

Your SQL Server 2008 R2 installation completed successfully.

Summary log file has been saved to the following location:

C:\Program Files\Microsoft SQL Server\100\Setup Bootstrap\Log\20120320_113908\Summary_QVSRV04_20120320_113908.txt

Information about the Setup operation or possible next steps:

✓ Your SQL Server 2008 R2 installation completed successfully.

Supplemental Information:

The following notes apply to this release of SQL Server only.

Microsoft Update

For information about how to use Microsoft Update to identify updates for SQL Server 2008 R2, see the Microsoft Update Web site at http://go.microsoft.com/fwlink/?LinkId=108409.

Samples

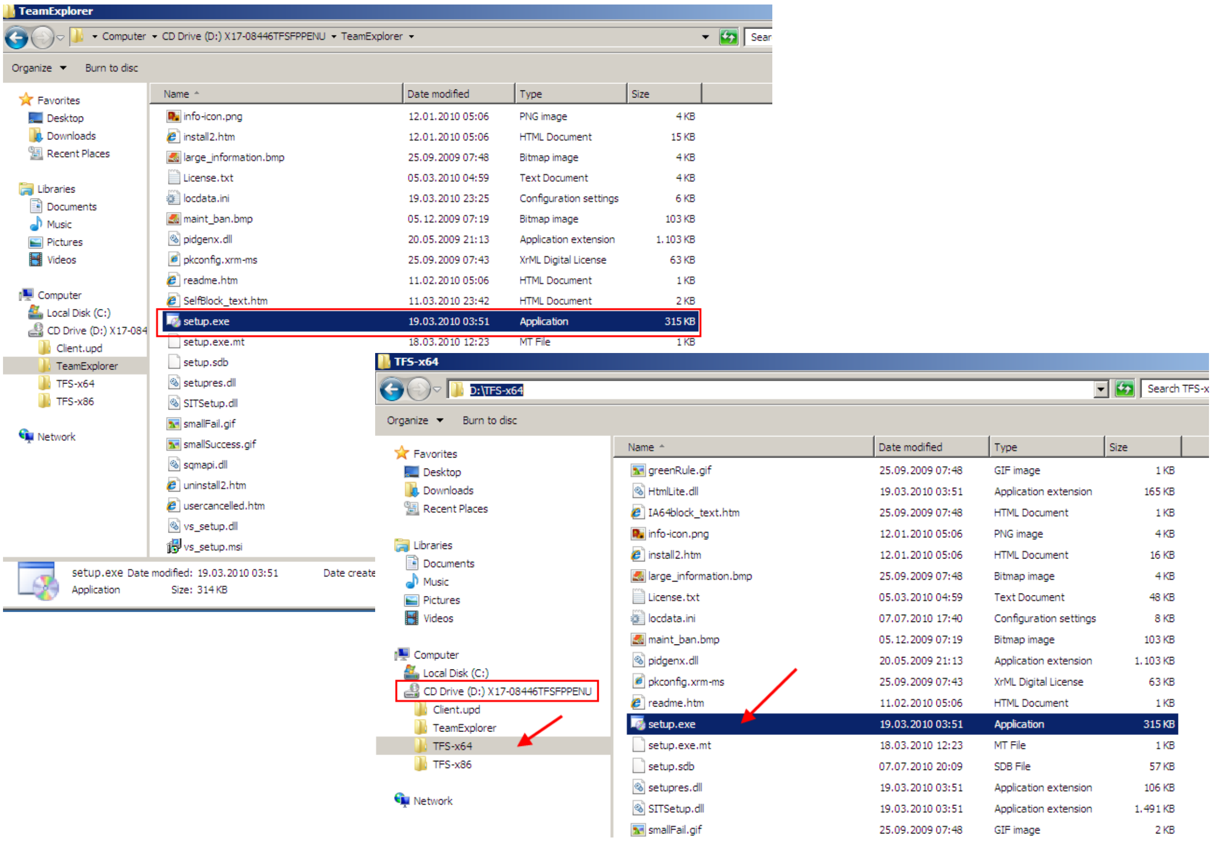
By default, sample databases and sample code are not installed as part of SQL Server Setup. To install sample databases and sample code for non-Express editions of SQL Server 2008 R2, see the CodePlex Web site at http://go.microsoft.com/fwlink/?LinkId=87843. To read about support for SQL Server sample databases and

Team Explorer & Team Foundation Server 2010 Setup

1. Download the TFS 2010 install package from the following Website.

   http://www.microsoft.com/download/en/details.aspx?id=15070

2. Mount the ISO Image as your DVD Rom and start the setup



Name	Date modified	Type	Size
info-icon.png	12.01.2010 05:06	PNG image	4 KB
install2.htm	12.01.2010 05:06	HTML Document	15 KB
large_information.bmp	25.09.2009 07:48	Bitmap image	4 KB
License.txt	05.03.2010 04:59	Text Document	4 KB
locdata.ini	19.03.2010 23:25	Configuration settings	6 KB
maint_ban.bmp	05.12.2009 07:19	Bitmap image	103 KB
pidgenx.dll	20.05.2009 21:13	Application extension	1.103 KB
pkconfig.xrm-ms	25.09.2009 07:43	XrML Digital License	63 KB
readme.htm	11.02.2010 05:06	HTML Document	1 KB
SelfBlock_text.htm	11.03.2010 23:42	HTML Document	2 KB
setup.exe	19.03.2010 03:51	Application	315 KB
setup.exe.mt	18.03.2010 12:23	MT File	1 KB
setup.sdb			
setupres.dll			
SITSetup.dll			
smallFail.gif			
smallSuccess.gif			
sqmapi.dll			
uninstall2.htm			
usercancelled.htm			
vs_setup.dll			
vs_setup.msi			

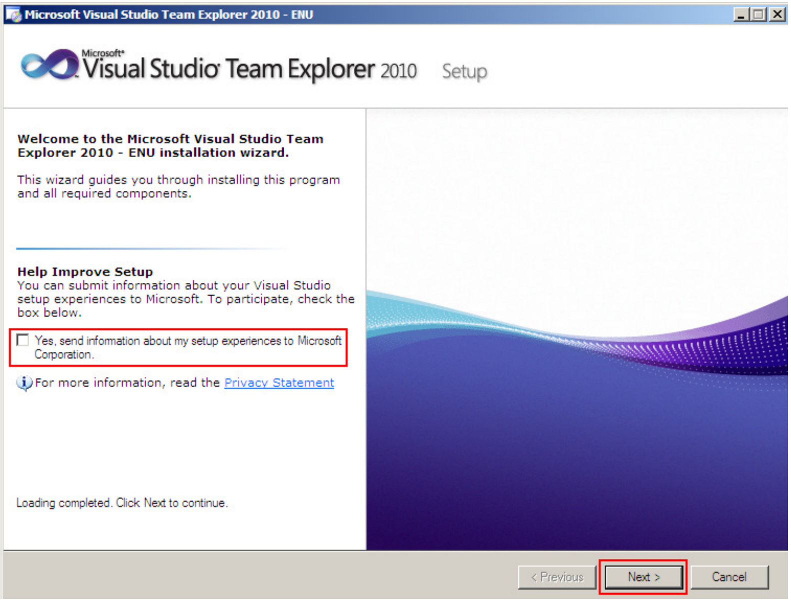
setup.exe Date modified: 19.03.2010 03:51 Date create
Application Size: 314 KB

Name	Date modified	Type	Size
greenRule.gif	25.09.2009 07:48	GIF image	1 KB
HtmlLite.dll	19.03.2010 03:51	Application extension	165 KB
IA64block_text.htm	25.09.2009 07:48	HTML Document	1 KB
info-icon.png	12.01.2010 05:06	PNG image	4 KB
install2.htm	12.01.2010 05:06	HTML Document	16 KB
large_information.bmp	25.09.2009 07:48	Bitmap image	4 KB
License.txt	05.03.2010 04:59	Text Document	48 KB
locdata.ini	07.07.2010 17:40	Configuration settings	8 KB
maint_ban.bmp	05.12.2009 07:19	Bitmap image	103 KB
pidgenx.dll	20.05.2009 21:13	Application extension	1.103 KB
pkconfig.xrm-ms	25.09.2009 07:43	XrML Digital License	63 KB
readme.htm	11.02.2010 05:06	HTML Document	1 KB
setup.exe	19.03.2010 03:51	Application	315 KB
setup.exe.mt	18.03.2010 12:23	MT File	1 KB
setup.sdb	07.07.2010 20:09	SDB File	57 KB
setupres.dll	19.03.2010 03:51	Application extension	106 KB
SITSetup.dll	19.03.2010 03:51	Application extension	1.491 KB
smallFail.gif	25.09.2009 07:48	GIF image	2 KB

Install the Team Explorer first then the TFS.

3. The Team Explorer & TFS Setup

The Team Explorer 2010


Microsoft Visual Studio Team Explorer 2010 - ENU
Microsoft® Visual Studio® Team Explorer 2010 Setup

Welcome to the Microsoft Visual Studio Team Explorer 2010 - ENU installation wizard.

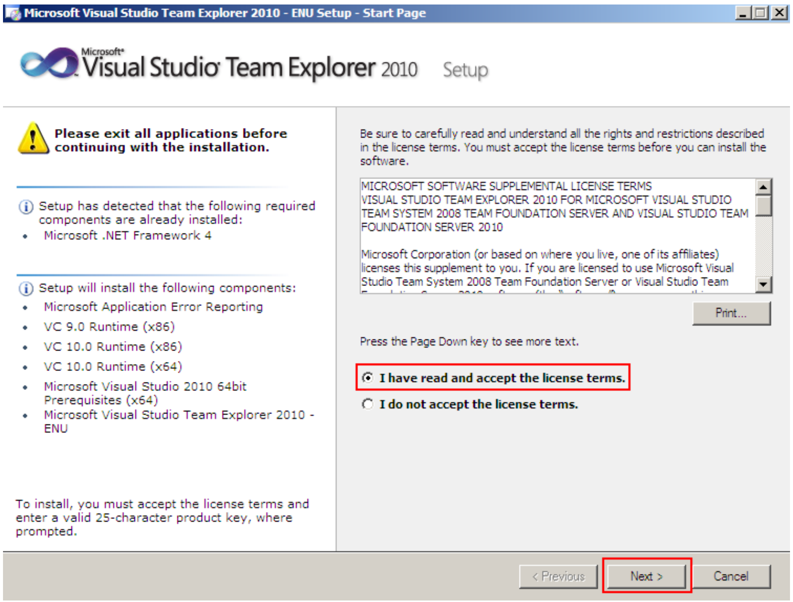
This wizard guides you through installing this program and all required components.

Help Improve Setup
You can submit information about your Visual Studio setup experiences to Microsoft. To participate, check the box below.

□ Yes, send information about my setup experiences to Microsoft Corporation.

For more information, read the Privacy Statement

Loading completed. Click Next to continue.


Microsoft Visual Studio Team Explorer 2010 - ENU Setup - Start Page
Microsoft® Visual Studio® Team Explorer 2010 Setup

Please exit all applications before continuing with the installation.

Setup has detected that the following required components are already installed:
- Microsoft .NET Framework 4

Setup will install the following components:
- Microsoft Application Error Reporting
- VC 9.0 Runtime (x86)
- VC 10.0 Runtime (x86)
- VC 10.0 Runtime (x64)
- Microsoft Visual Studio 2010 64bit Prerequisites (x64)
- Microsoft Visual Studio Team Explorer 2010 - ENU

To install, you must accept the license terms and enter a valid 25-character product key, where prompted.

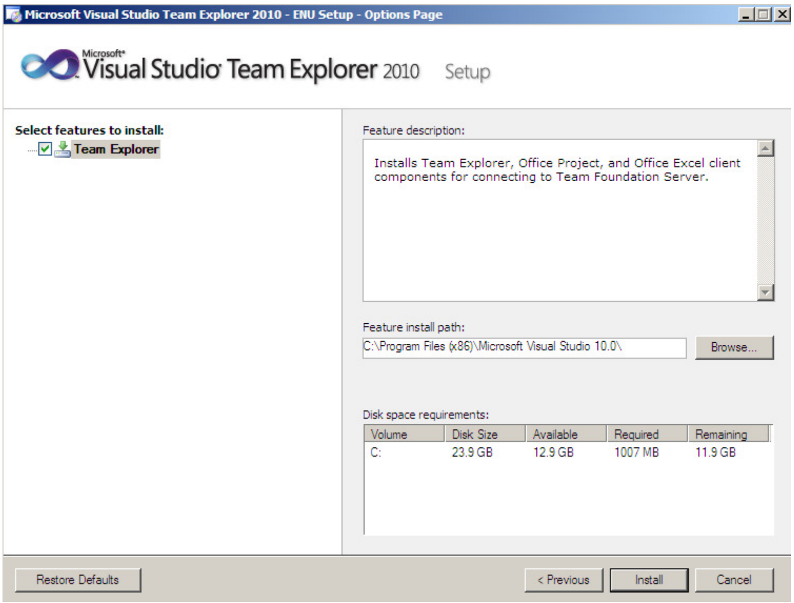
Be sure to carefully read and understand all the rights and restrictions described in the license terms. You must accept the license terms before you can install the software.

MICROSOFT SOFTWARE SUPPLEMENTAL LICENSE TERMS
VISUAL STUDIO TEAM EXPLORER 2010 FOR MICROSOFT VISUAL STUDIO TEAM SYSTEM 2008 TEAM FOUNDATION SERVER AND VISUAL STUDIO TEAM FOUNDATION SERVER 2010

Microsoft Corporation (or based on where you live, one of its affiliates) licenses this supplement to you. If you are licensed to use Microsoft Visual Studio Team System 2008 Team Foundation Server or Visual Studio Team

Press the Page Down key to see more text.

● I have read and accept the license terms.
○ I do not accept the license terms.



Microsoft Visual Studio Team Explorer 2010 - ENU Setup - Options Page

Visual Studio Team Explorer 2010 Setup

Select features to install:

☑ Team Explorer

Feature description:

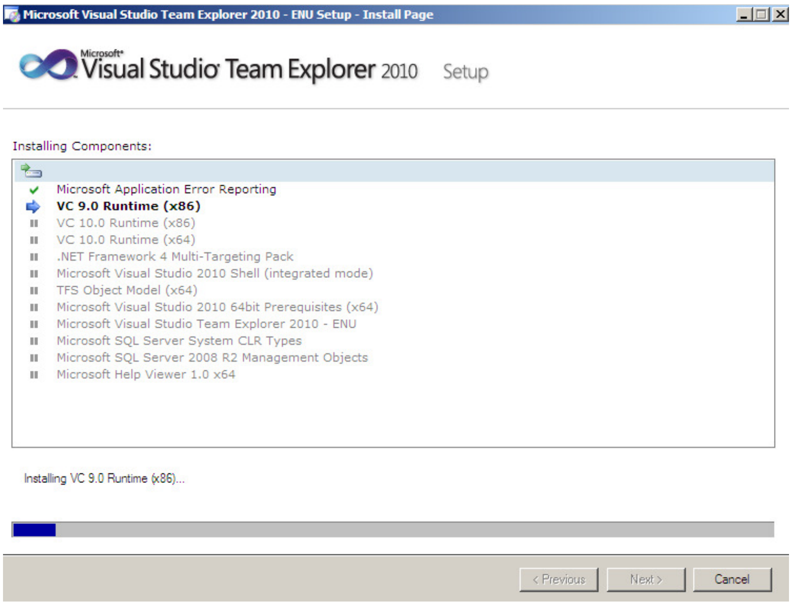
Installs Team Explorer, Office Project, and Office Excel client components for connecting to Team Foundation Server.

Feature install path:

C:\Program Files (x86)\Microsoft Visual Studio 10.0\

Disk space requirements:

Volume	Disk Size	Available	Required	Remaining
C:	23.9 GB	12.9 GB	1007 MB	11.9 GB



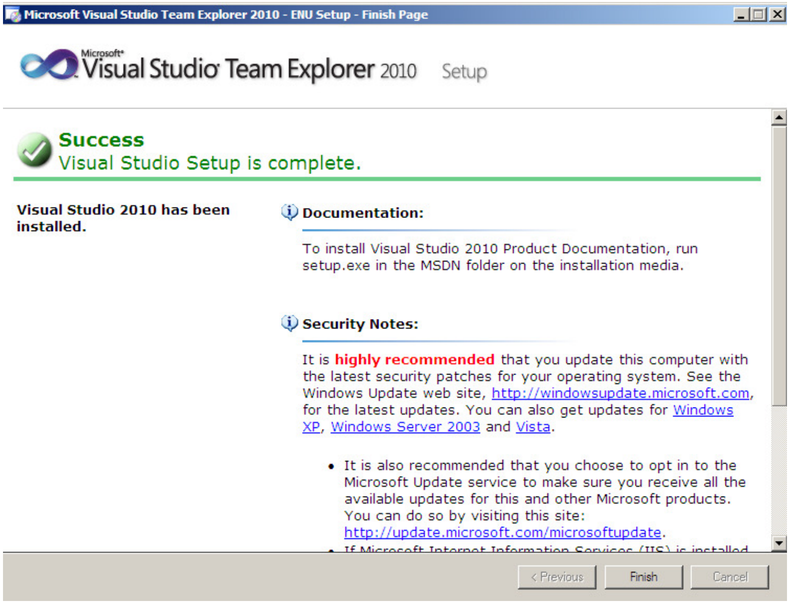
Microsoft Visual Studio Team Explorer 2010 - ENU Setup - Install Page

Visual Studio Team Explorer 2010 Setup

Installing Components:

- ✓ Microsoft Application Error Reporting
- **VC 9.0 Runtime (x86)**
- VC 10.0 Runtime (x86)
- VC 10.0 Runtime (x64)
- .NET Framework 4 Multi-Targeting Pack
- Microsoft Visual Studio 2010 Shell (integrated mode)
- TFS Object Model (x64)
- Microsoft Visual Studio 2010 64bit Prerequisites (x64)
- Microsoft Visual Studio Team Explorer 2010 - ENU
- Microsoft SQL Server System CLR Types
- Microsoft SQL Server 2008 R2 Management Objects
- Microsoft Help Viewer 1.0 x64

Installing VC 9.0 Runtime (x86)...



Microsoft Visual Studio Team Explorer 2010 - ENU Setup - Finish Page

Visual Studio Team Explorer 2010 Setup

Success

Visual Studio Setup is complete.

Visual Studio 2010 has been installed.

Documentation:

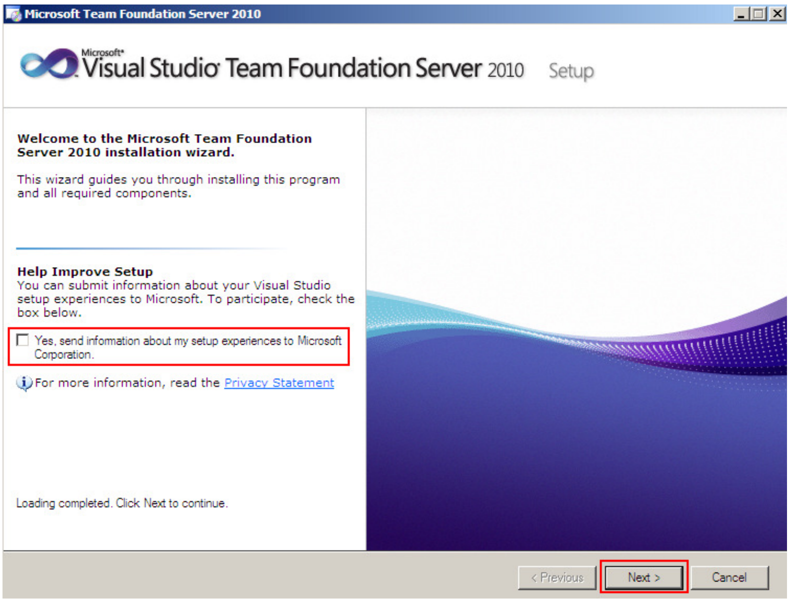
To install Visual Studio 2010 Product Documentation, run setup.exe in the MSDN folder on the installation media.

Security Notes:

It is **highly recommended** that you update this computer with the latest security patches for your operating system. See the Windows Update web site, http://windowsupdate.microsoft.com, for the latest updates. You can also get updates for Windows XP, Windows Server 2003 and Vista.

- It is also recommended that you choose to opt in to the Microsoft Update service to make sure you receive all the available updates for this and other Microsoft products. You can do so by visiting this site: http://update.microsoft.com/microsoftupdate.
- If Microsoft Internet Information Services (IIS) is installed

The TFS 2010



Microsoft Team Foundation Server 2010

Microsoft® Visual Studio® Team Foundation Server 2010 Setup

Welcome to the Microsoft Team Foundation Server 2010 installation wizard.

This wizard guides you through installing this program and all required components.

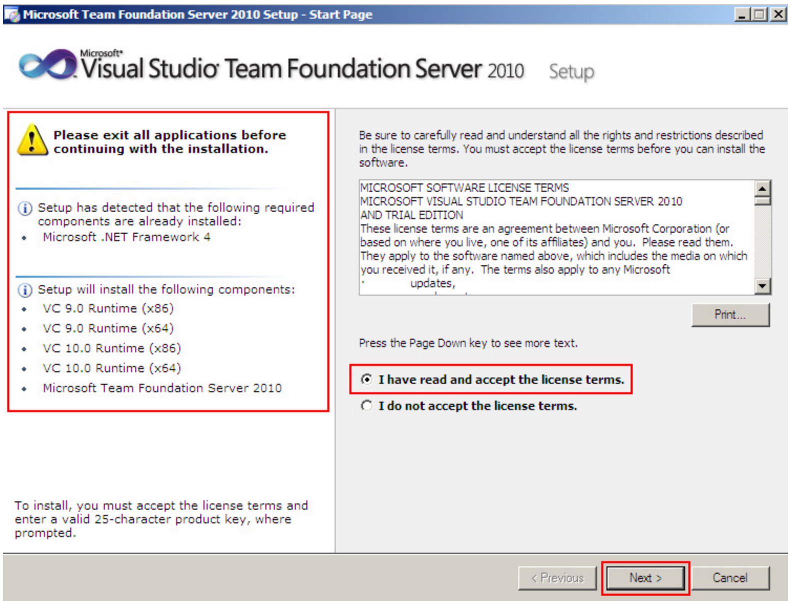
Help Improve Setup

You can submit information about your Visual Studio setup experiences to Microsoft. To participate, check the box below.

□ Yes, send information about my setup experiences to Microsoft Corporation.

For more information, read the Privacy Statement

Loading completed. Click Next to continue.



Microsoft Team Foundation Server 2010 Setup - Start Page

Microsoft® Visual Studio® Team Foundation Server 2010 Setup

Please exit all applications before continuing with the installation.

Setup has detected that the following required components are already installed:

- Microsoft .NET Framework 4

Setup will install the following components:

- VC 9.0 Runtime (x86)
- VC 9.0 Runtime (x64)
- VC 10.0 Runtime (x86)
- VC 10.0 Runtime (x64)
- Microsoft Team Foundation Server 2010

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· updates,

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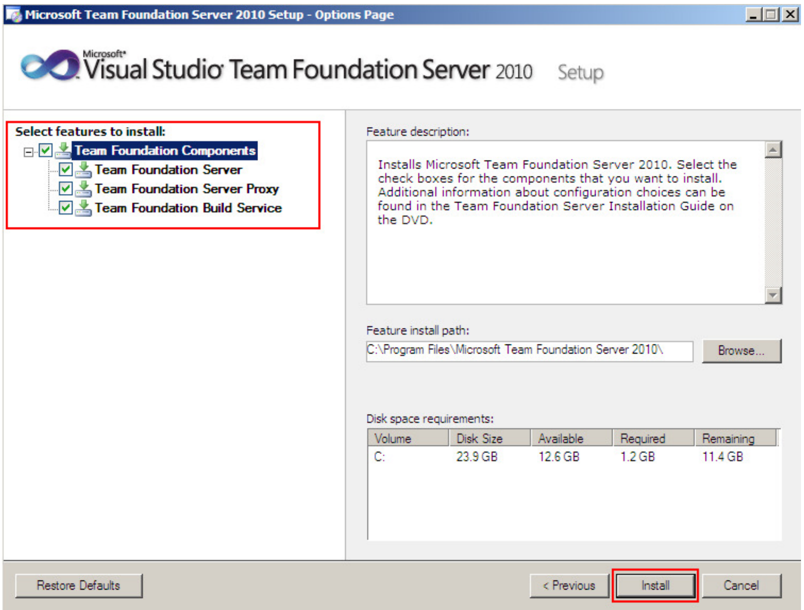
● **I have read and accept the license terms.**

○ **I do not accept the license terms.**



Microsoft Team Foundation Server 2010 Setup - Options Page

Microsoft® Visual Studio® Team Foundation Server 2010 Setup

Select features to install:

- ☑ Team Foundation Components
  - ☑ Team Foundation Server
  - ☑ Team Foundation Server Proxy
  - ☑ Team Foundation Build Service

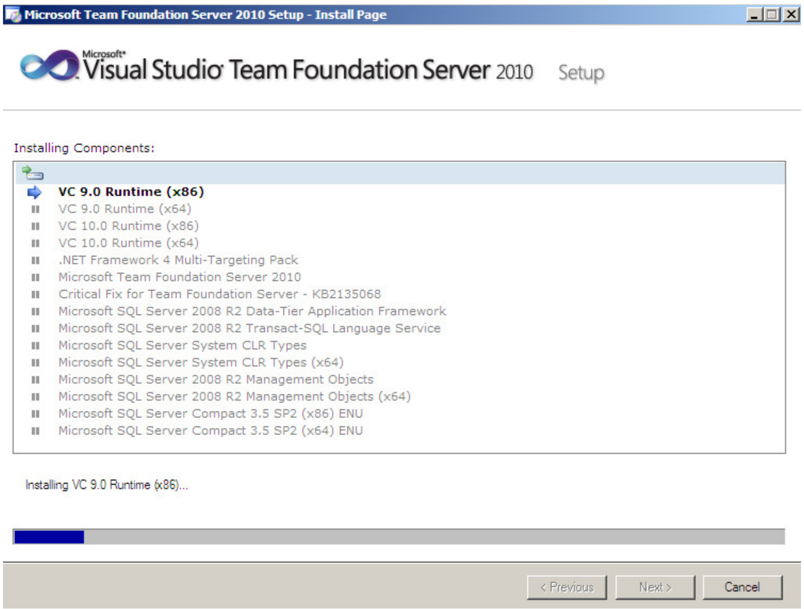
Feature description:

Installs Microsoft Team Foundation Server 2010. Select the check boxes for the components that you want to install. Additional information about configuration choices can be found in the Team Foundation Server Installation Guide on the DVD.

Feature install path: C:\Program Files\Microsoft Team Foundation Server 2010\

Disk space requirements:

Volume	Disk Size	Available	Required	Remaining
C:	23.9 GB	12.6 GB	1.2 GB	11.4 GB



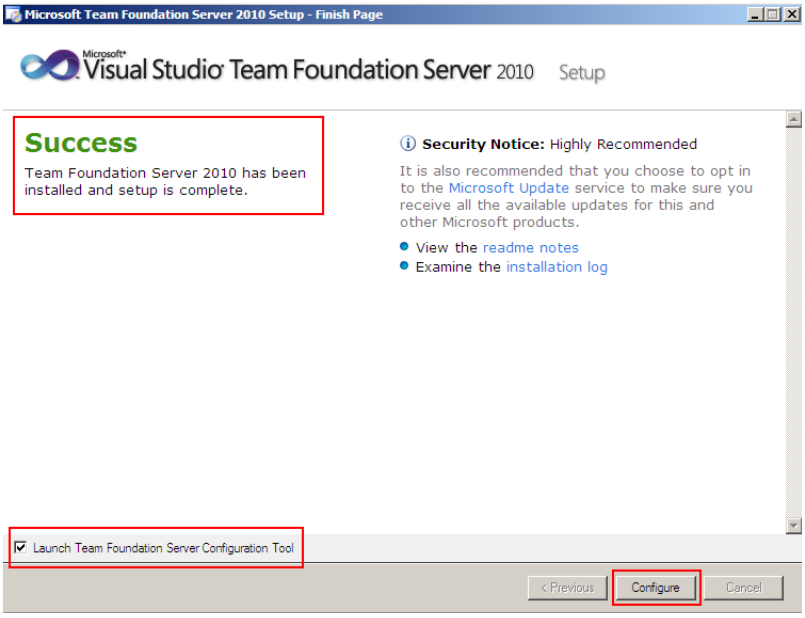
Microsoft Team Foundation Server 2010 Setup - Install Page

Microsoft® Visual Studio® Team Foundation Server 2010 Setup

Installing Components:

- **VC 9.0 Runtime (x86)**
- VC 9.0 Runtime (x64)
- VC 10.0 Runtime (x86)
- VC 10.0 Runtime (x64)
- .NET Framework 4 Multi-Targeting Pack
- Microsoft Team Foundation Server 2010
- Critical Fix for Team Foundation Server - KB2135068
- Microsoft SQL Server 2008 R2 Data-Tier Application Framework
- Microsoft SQL Server 2008 R2 Transact-SQL Language Service
- Microsoft SQL Server System CLR Types
- Microsoft SQL Server System CLR Types (x64)
- Microsoft SQL Server 2008 R2 Management Objects
- Microsoft SQL Server 2008 R2 Management Objects (x64)
- Microsoft SQL Server Compact 3.5 SP2 (x86) ENU
- Microsoft SQL Server Compact 3.5 SP2 (x64) ENU

Installing VC 9.0 Runtime (x86)...



Microsoft Team Foundation Server 2010 Setup - Finish Page

Microsoft® Visual Studio® Team Foundation Server 2010 Setup

Success

Team Foundation Server 2010 has been installed and setup is complete.

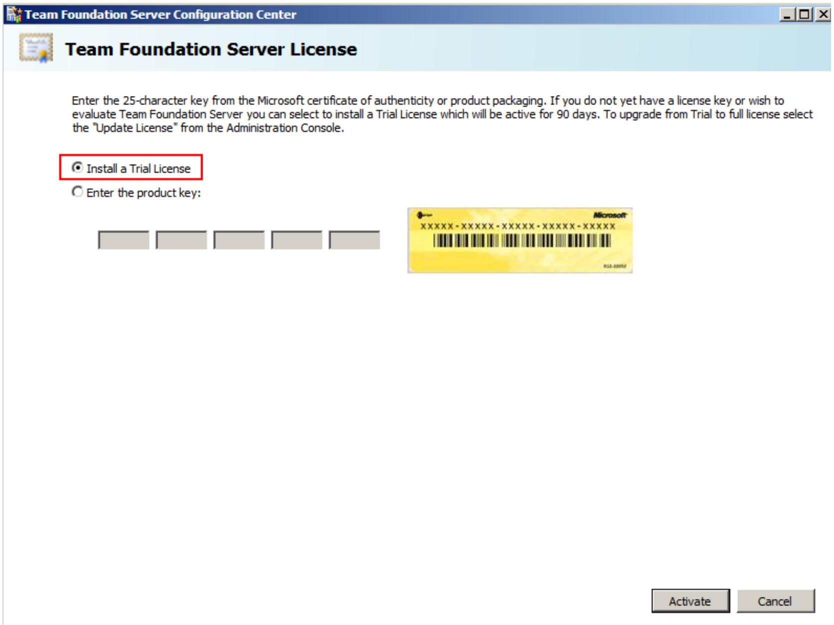
Security Notice: Highly Recommended

It is also recommended that you choose to opt in to the Microsoft Update service to make sure you receive all the available updates for this and other Microsoft products.

- View the readme notes
- Examine the installation log

☑ Launch Team Foundation Server Configuration Tool

4. The TFS Configuration



Team Foundation Server Configuration Center

Team Foundation Server License

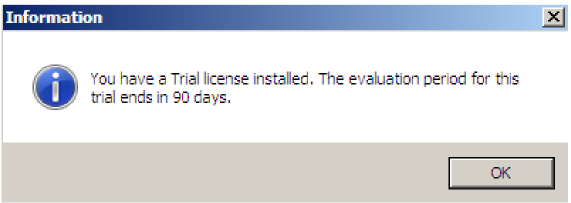
Enter the 25-character key from the Microsoft certificate of authenticity or product packaging. If you do not yet have a license key or wish to evaluate Team Foundation Server you can select to install a Trial License which will be active for 90 days. To upgrade from Trial to full license select the "Update License" from the Administration Console.

● Install a Trial License

○ Enter the product key:

In case you don't have a license, please select "Install a Trial License"

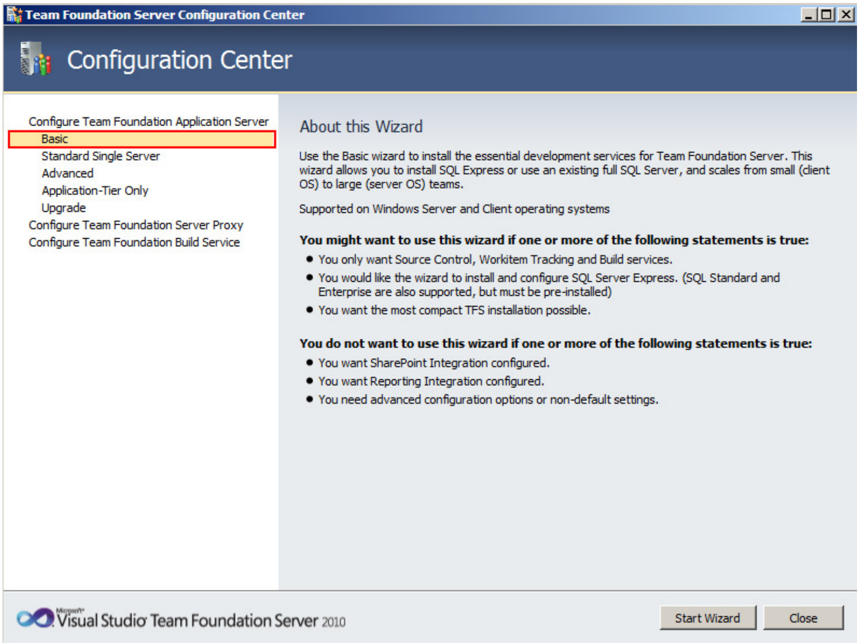
Your TFS 2010 Trial license is valid for 90 days:



Information

You have a Trial license installed. The evaluation period for this trial ends in 90 days.

The TFS 2010 as a Basic Setup



Team Foundation Server Configuration Center

Configuration Center

Configure Team Foundation Application Server
Basic
Standard Single Server
Advanced
Application-Tier Only
Upgrade
Configure Team Foundation Server Proxy
Configure Team Foundation Build Service

About this Wizard

Use the Basic wizard to install the essential development services for Team Foundation Server. This wizard allows you to install SQL Express or use an existing full SQL Server, and scales from small (client OS) to large (server OS) teams.

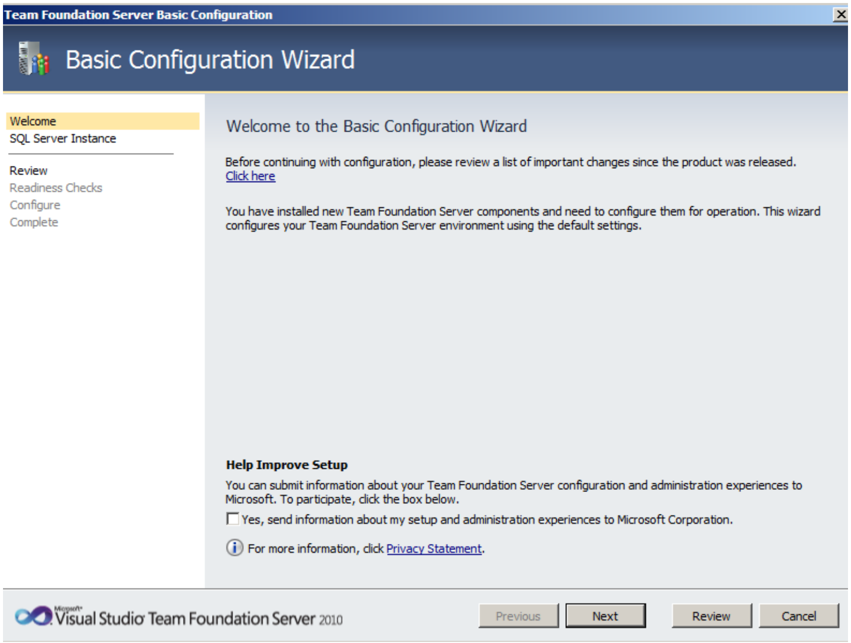
Supported on Windows Server and Client operating systems

You might want to use this wizard if one or more of the following statements is true:

- You only want Source Control, Workitem Tracking and Build services.
- You would like the wizard to install and configure SQL Server Express. (SQL Standard and Enterprise are also supported, but must be pre-installed)
- You want the most compact TFS installation possible.

You do not want to use this wizard if one or more of the following statements is true:

- You want SharePoint Integration configured.
- You want Reporting Integration configured.
- You need advanced configuration options or non-default settings.


Team Foundation Server Basic Configuration
Basic Configuration Wizard
Welcome
SQL Server Instance
Review
Readiness Checks
Configure
Complete
Visual Studio Team Foundation Server 2010
Previous
Next
Review
Cancel

Welcome to the Basic Configuration Wizard

Before continuing with configuration, please review a list of important changes since the product was released.
Click here

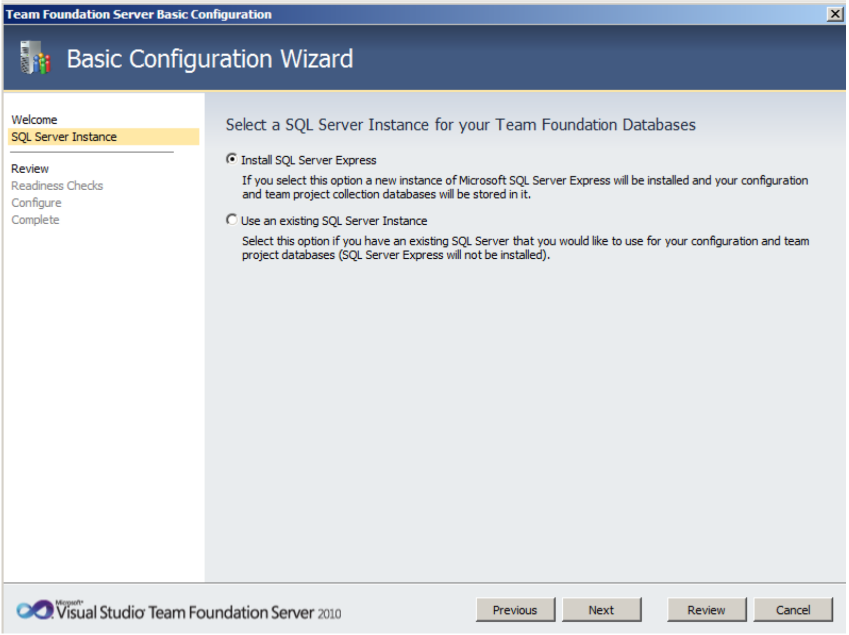
You have installed new Team Foundation Server components and need to configure them for operation. This wizard configures your Team Foundation Server environment using the default settings.

Help Improve Setup

You can submit information about your Team Foundation Server configuration and administration experiences to Microsoft. To participate, click the box below.

□ Yes, send information about my setup and administration experiences to Microsoft Corporation.

ⓘ For more information, click Privacy Statement.


Team Foundation Server Basic Configuration
Basic Configuration Wizard
Welcome
SQL Server Instance
Review
Readiness Checks
Configure
Complete
Visual Studio Team Foundation Server 2010
Previous
Next
Review
Cancel

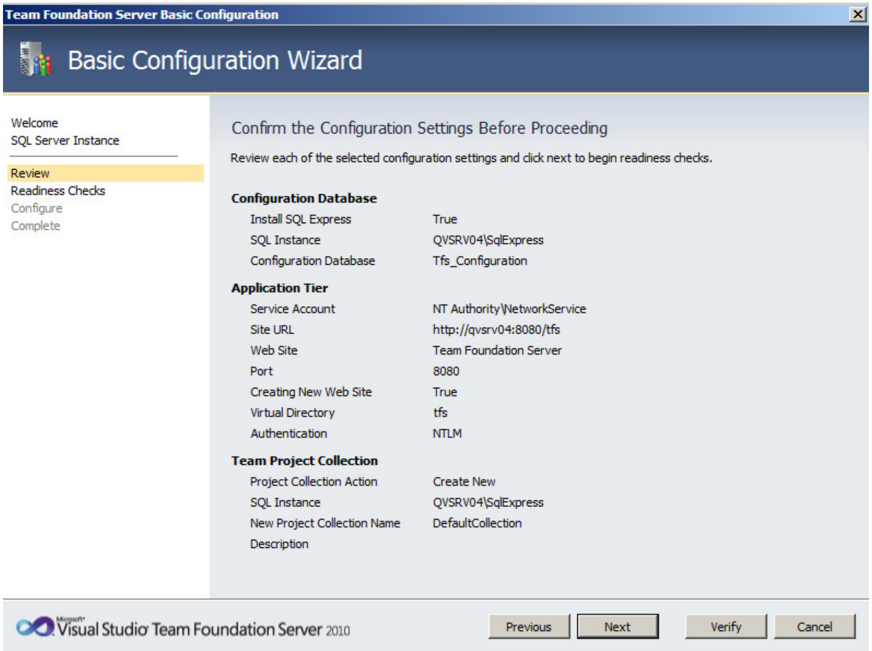
Select a SQL Server Instance for your Team Foundation Databases

● Install SQL Server Express

If you select this option a new instance of Microsoft SQL Server Express will be installed and your configuration and team project collection databases will be stored in it.

○ Use an existing SQL Server Instance

Select this option if you have an existing SQL Server that you would like to use for your configuration and team project databases (SQL Server Express will not be installed).


Team Foundation Server Basic Configuration
Basic Configuration Wizard
Welcome
SQL Server Instance
Review
Readiness Checks
Configure
Complete
Visual Studio Team Foundation Server 2010
Previous
Next
Verify
Cancel

Confirm the Configuration Settings Before Proceeding

Review each of the selected configuration settings and click next to begin readiness checks.

Configuration Database

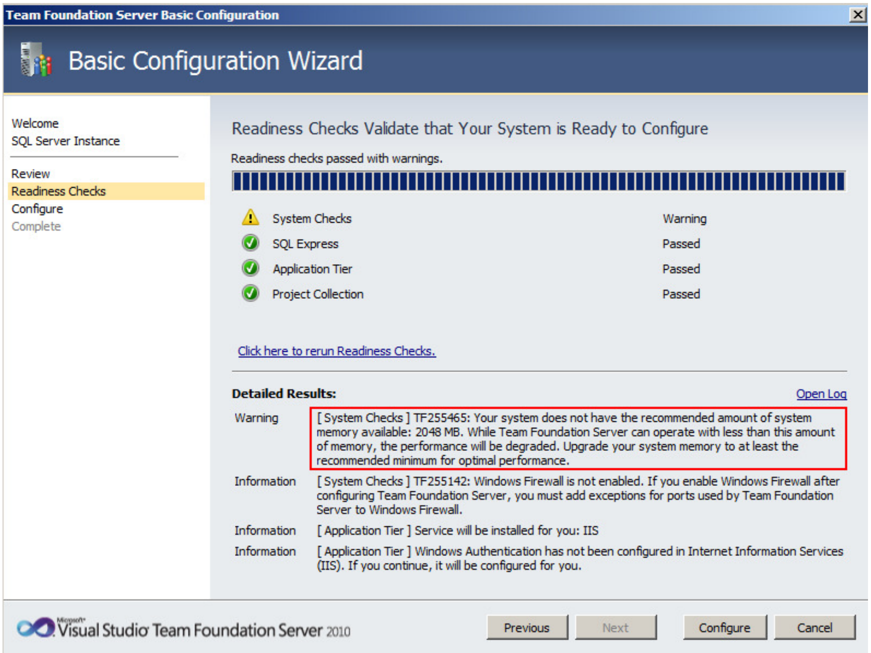
Install SQL Express	True
SQL Instance	QVSRV04\SqlExpress
Configuration Database	Tfs_Configuration

Application Tier

Service Account	NT Authority\NetworkService
Site URL	http://qvsrv04:8080/tfs
Web Site	Team Foundation Server
Port	8080
Creating New Web Site	True
Virtual Directory	tfs
Authentication	NTLM

Team Project Collection

Project Collection Action	Create New
SQL Instance	QVSRV04\SqlExpress
New Project Collection Name	DefaultCollection
Description	


Team Foundation Server Basic Configuration
Basic Configuration Wizard
Welcome
SQL Server Instance
Review
Readiness Checks
Configure
Complete
Visual Studio Team Foundation Server 2010
Previous
Next
Configure
Cancel

Readiness Checks Validate that Your System is Ready to Configure

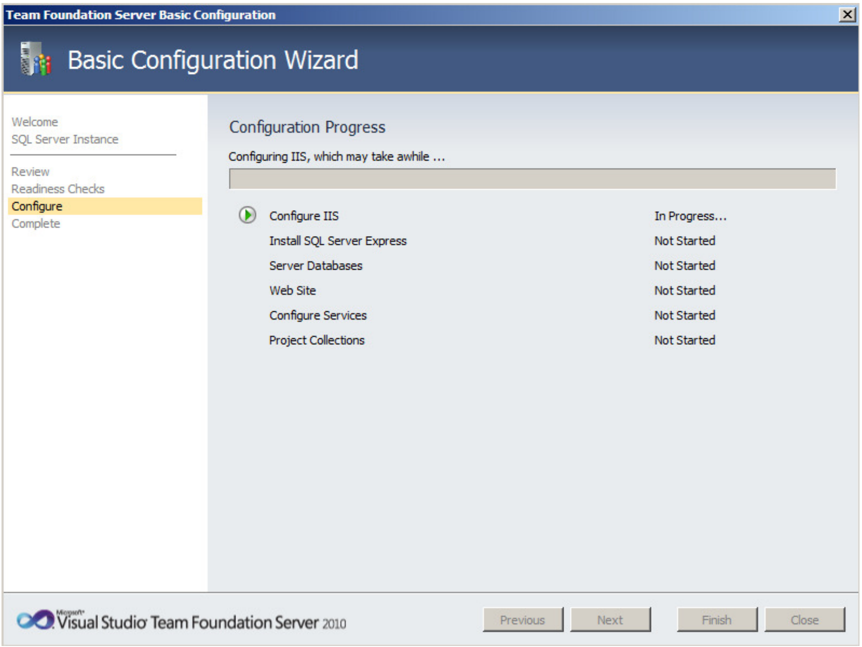
Readiness checks passed with warnings.

⚠ System Checks	Warning
✓ SQL Express	Passed
✓ Application Tier	Passed
✓ Project Collection	Passed

Click here to rerun Readiness Checks.

Detailed Results: Open Log

Warning	[System Checks] TF255465: Your system does not have the recommended amount of system memory available: 2048 MB. While Team Foundation Server can operate with less than this amount of memory, the performance will be degraded. Upgrade your system memory to at least the recommended minimum for optimal performance.
Information	[System Checks] TF255142: Windows Firewall is not enabled. If you enable Windows Firewall after configuring Team Foundation Server, you must add exceptions for ports used by Team Foundation Server to Windows Firewall.
Information	[Application Tier] Service will be installed for you: IIS
Information	[Application Tier] Windows Authentication has not been configured in Internet Information Services (IIS). If you continue, it will be configured for you.

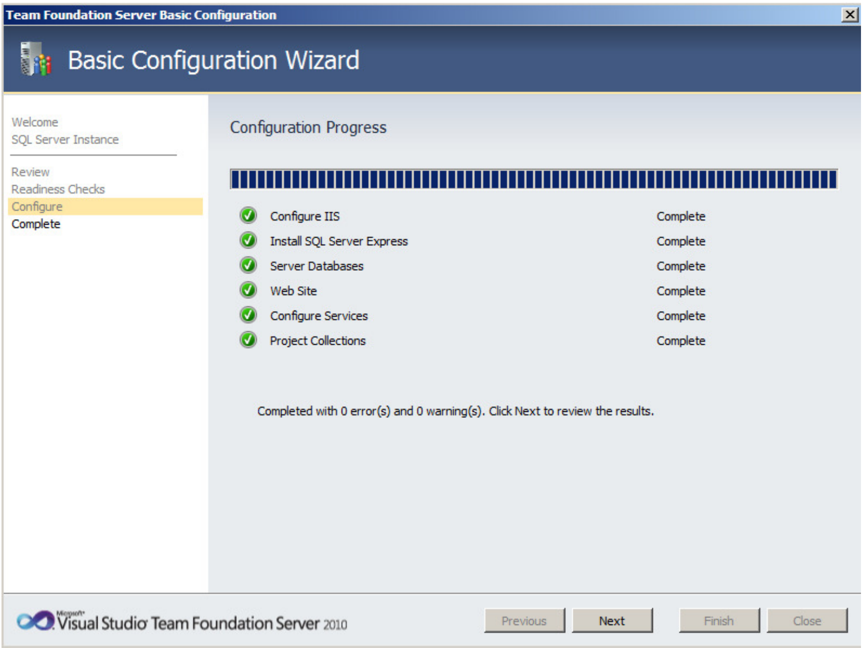


Team Foundation Server Basic Configuration
Basic Configuration Wizard
Welcome
SQL Server Instance
Review
Readiness Checks
Configure
Complete
Visual Studio Team Foundation Server 2010
Previous
Next
Finish
Close

Configuration Progress

Configuring IIS, which may take awhile ...

Configure IIS	In Progress...
Install SQL Server Express	Not Started
Server Databases	Not Started
Web Site	Not Started
Configure Services	Not Started
Project Collections	Not Started

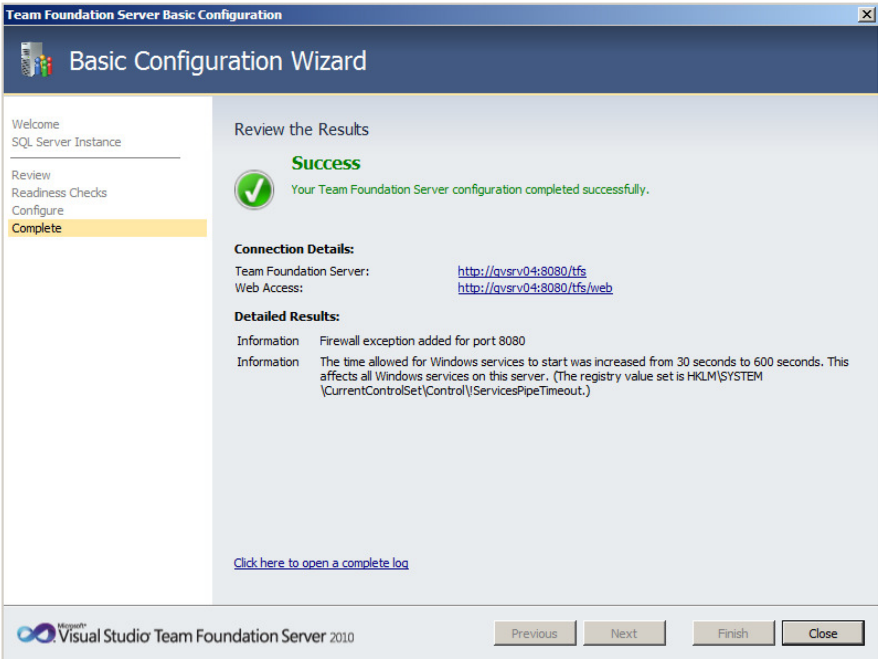


Team Foundation Server Basic Configuration
Basic Configuration Wizard
Welcome
SQL Server Instance
Review
Readiness Checks
Configure
Complete
Visual Studio Team Foundation Server 2010
Previous
Next
Finish
Close

Configuration Progress

✓ Configure IIS	Complete
✓ Install SQL Server Express	Complete
✓ Server Databases	Complete
✓ Web Site	Complete
✓ Configure Services	Complete
✓ Project Collections	Complete

Completed with 0 error(s) and 0 warning(s). Click Next to review the results.



Team Foundation Server Basic Configuration

Basic Configuration Wizard

Review the Results

Success

Your Team Foundation Server configuration completed successfully.

Connection Details:

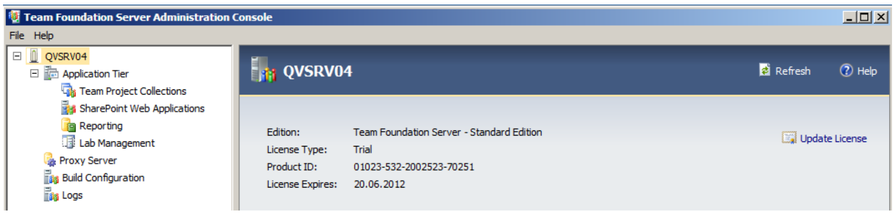
Team Foundation Server: http://qvsrv04:8080/tfs
Web Access: http://qvsrv04:8080/tfs/web

Detailed Results:

Information Firewall exception added for port 8080

Information The time allowed for Windows services to start was increased from 30 seconds to 600 seconds. This affects all Windows services on this server. (The registry value set is HKLM\SYSTEM \CurrentControlSet\Control\!ServicesPipeTimeout.)

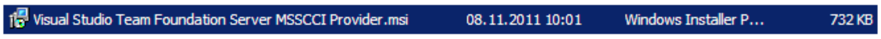
Click here to open a complete log



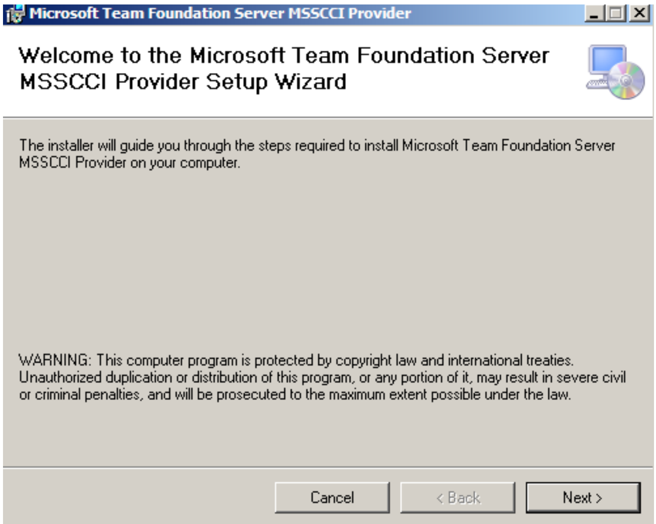
Team Foundation Server Administration Console

Edition: Team Foundation Server - Standard Edition
License Type: Trial
Product ID: 01023-532-2002523-70251
License Expires: 20.06.2012

After you have installed your TFS successfully, go ahead with the MSSCCI TFS Provider. You will find this MSI package in the same ZIP file as this document.



Visual Studio Team Foundation Server MSSCCI Provider.msi 08.11.2011 10:01 Windows Installer P... 732 KB

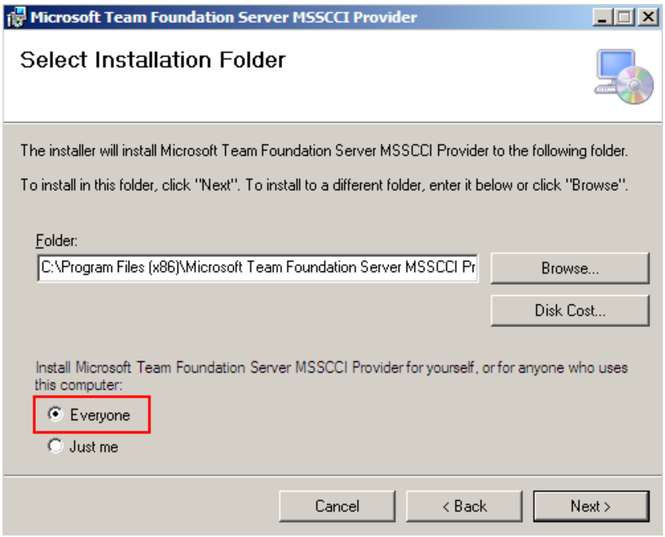


Microsoft Team Foundation Server MSSCCI Provider

Welcome to the Microsoft Team Foundation Server MSSCCI Provider Setup Wizard

The installer will guide you through the steps required to install Microsoft Team Foundation Server MSSCCI Provider on your computer.

WARNING: This computer program is protected by copyright law and international treaties. Unauthorized duplication or distribution of this program, or any portion of it, may result in severe civil or criminal penalties, and will be prosecuted to the maximum extent possible under the law.



Microsoft Team Foundation Server MSSCCI Provider

Select Installation Folder

The installer will install Microsoft Team Foundation Server MSSCCI Provider to the following folder.

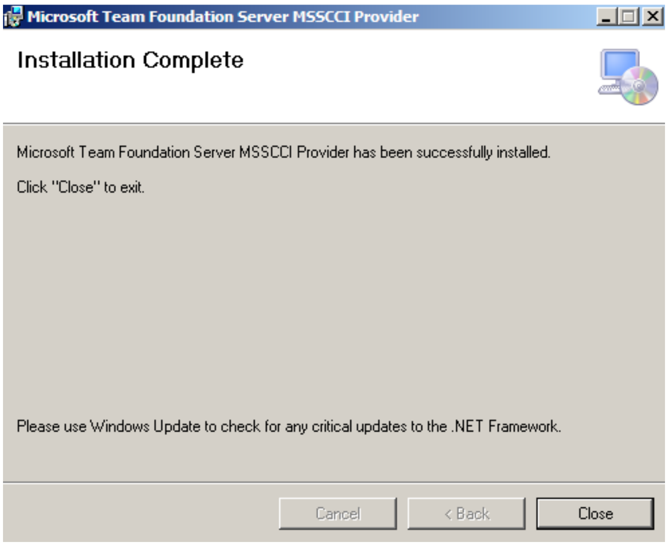
To install in this folder, click "Next". To install to a different folder, enter it below or click "Browse".

Folder: C:\Program Files (x86)\Microsoft Team Foundation Server MSSCCI Pr

Install Microsoft Team Foundation Server MSSCCI Provider for yourself, or for anyone who uses this computer:

● Everyone

○ Just me



Microsoft Team Foundation Server MSSCCI Provider

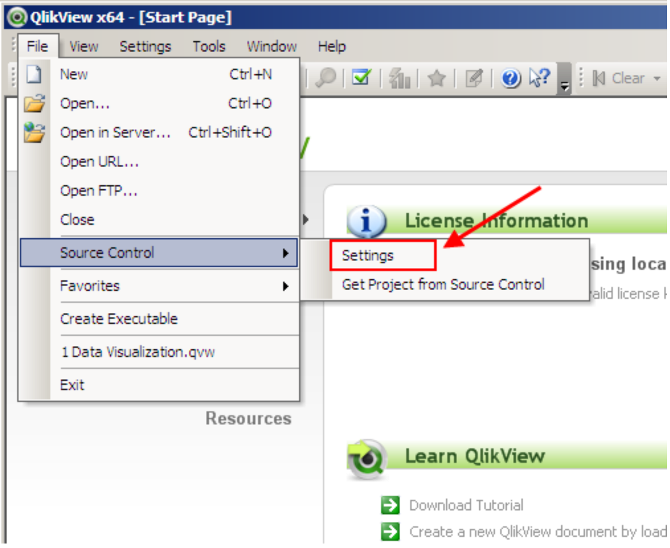
Installation Complete

Microsoft Team Foundation Server MSSCCI Provider has been successfully installed.

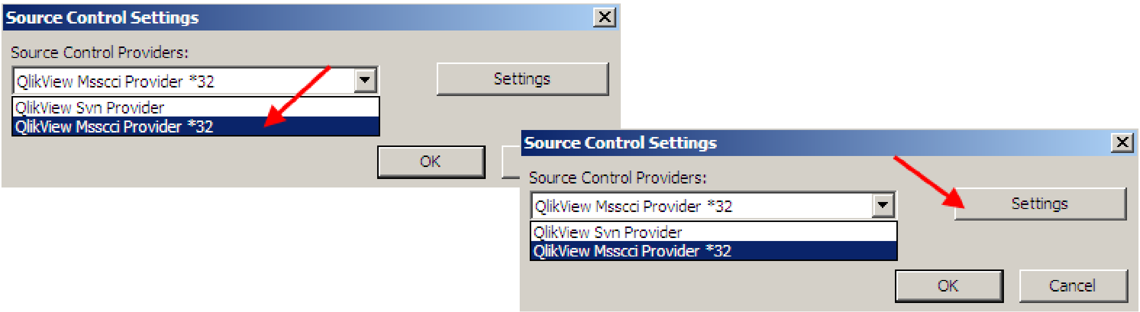
Click "Close" to exit.

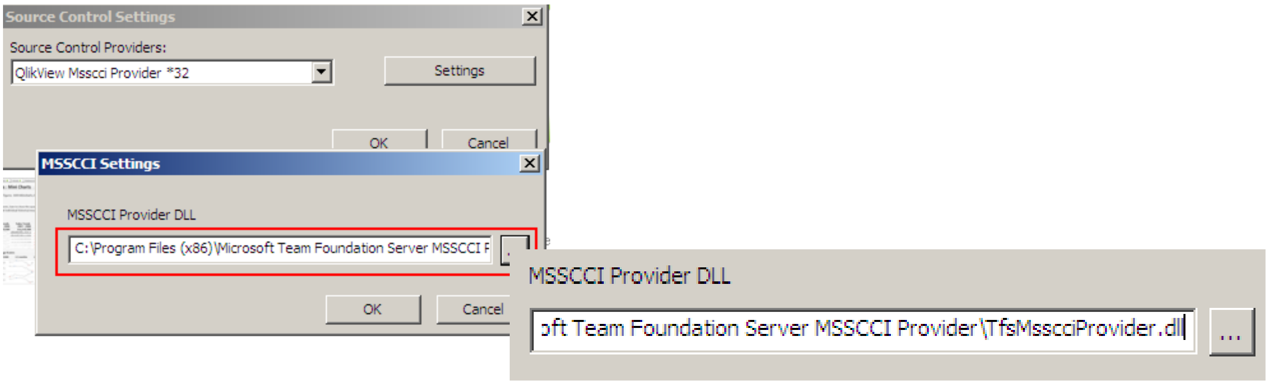
Please use Windows Update to check for any critical updates to the .NET Framework.

How to configure QlikView to use your Team Foundation Server



Select your Provider. Let’s use the TFS

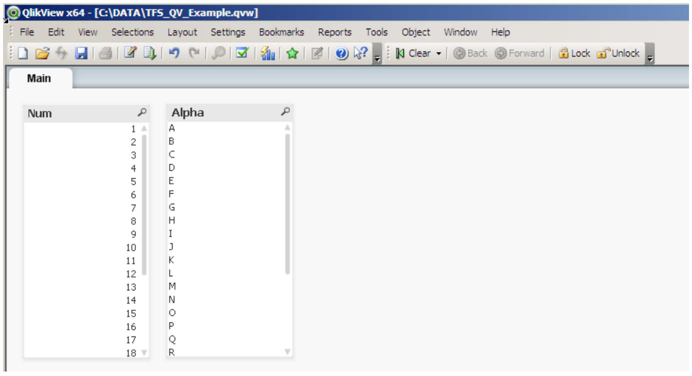

Source Control Settings
Source Control Providers:
QlikView Mssci Provider *32
QlikView Svn Provider
QlikView Mssci Provider *32
Settings
OK
Cancel



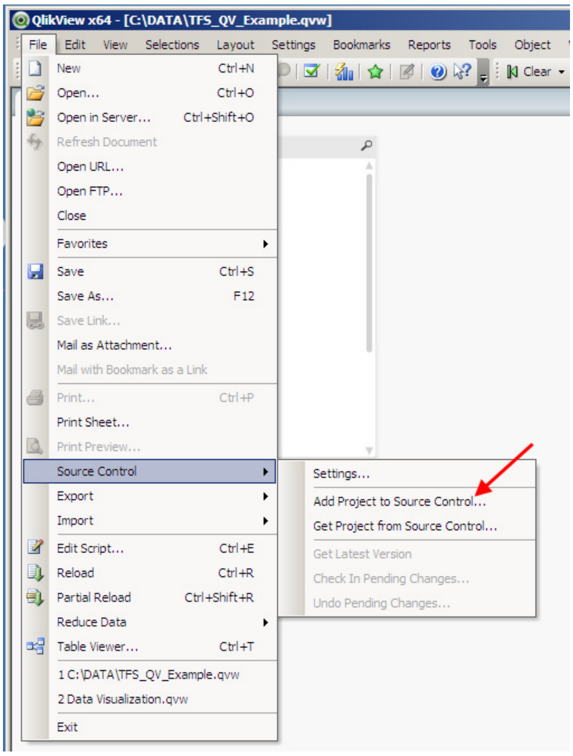
MSSCCI Provider DLL: C:\Program Files (x86)\Microsoft Team Foundation Server MSSCCI F

oft Team Foundation Server MSSCCI Provider\TfsMssccProvider.dll

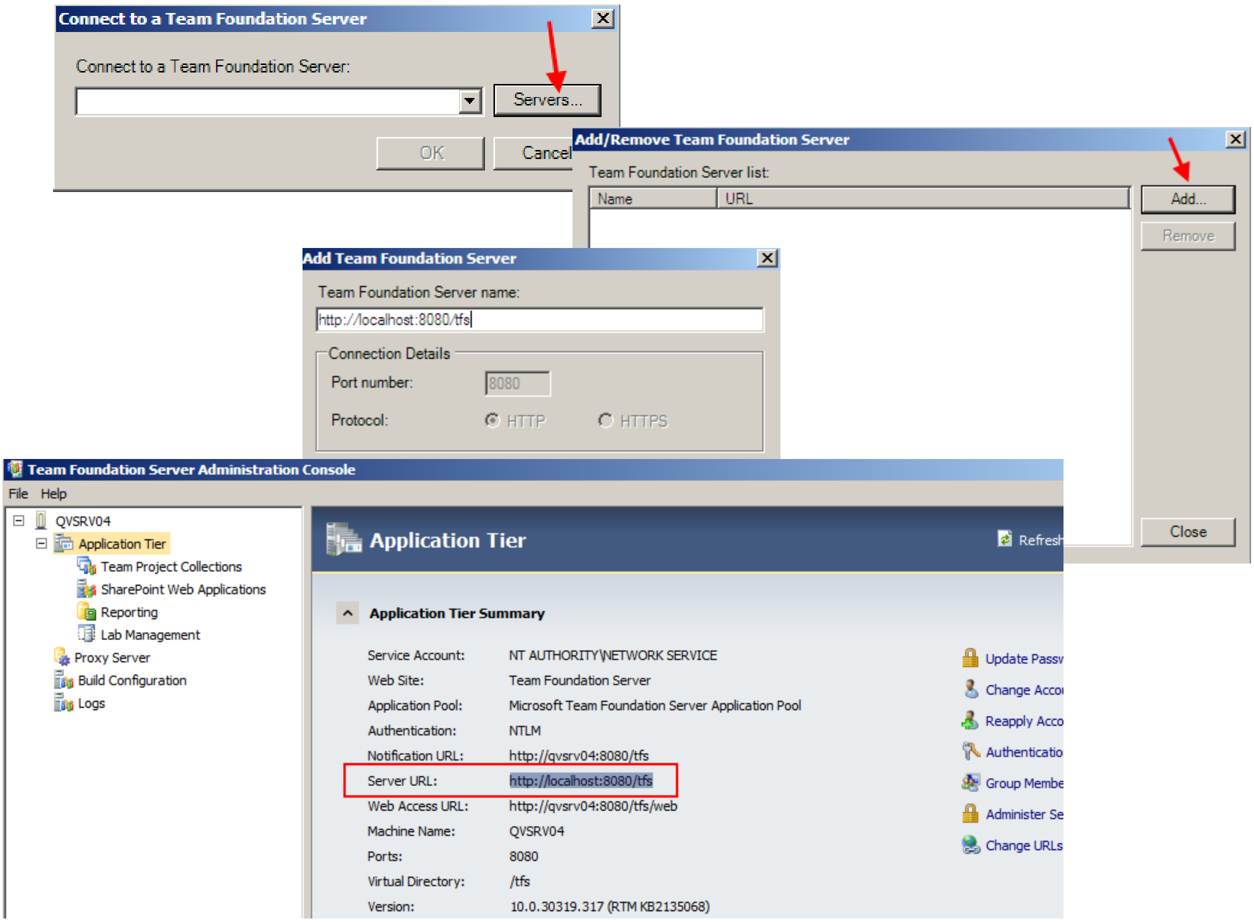
Now create a QVW application like this easy example. But any other QVW is possible to use of course as well.


QlikView x64 - [C:\DATA\TFS_QV_Example.qvw]
File Edit View Selections Layout Settings Bookmarks Reports Tools Object Window Help
Clear Back Forward Lock Unlock
Main
Num
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
Alpha
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R

Add your Project to Source Control which is in the first example your TFS 2010 environment:



If it is your first Project please add your TFS first



Team Foundation Server name: http://localhost:8080/tfs

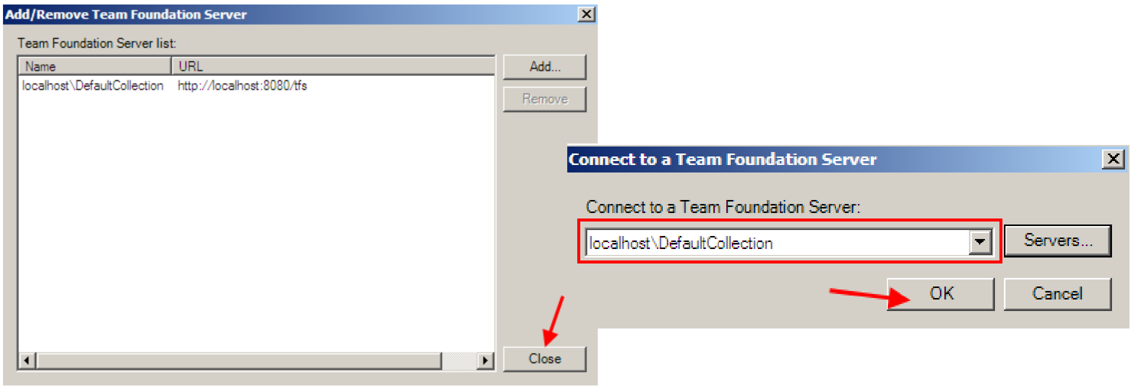
Port number: 8080

Protocol: ● HTTP ○ HTTPS

Service Account: NT AUTHORITY\NETWORK SERVICE
Web Site: Team Foundation Server
Application Pool: Microsoft Team Foundation Server Application Pool
Authentication: NTLM
Notification URL: http://qvsrv04:8080/tfs
Server URL: http://localhost:8080/tfs
Web Access URL: http://qvsrv04:8080/tfs/web
Machine Name: QVSRV04
Ports: 8080
Virtual Directory: /tfs
Version: 10.0.30319.317 (RTM KB2135068)

Use your TFS settings as in your TFS Administration Console above.

Your QlikView context Menu should now look like this:



Add/Remove Team Foundation Server

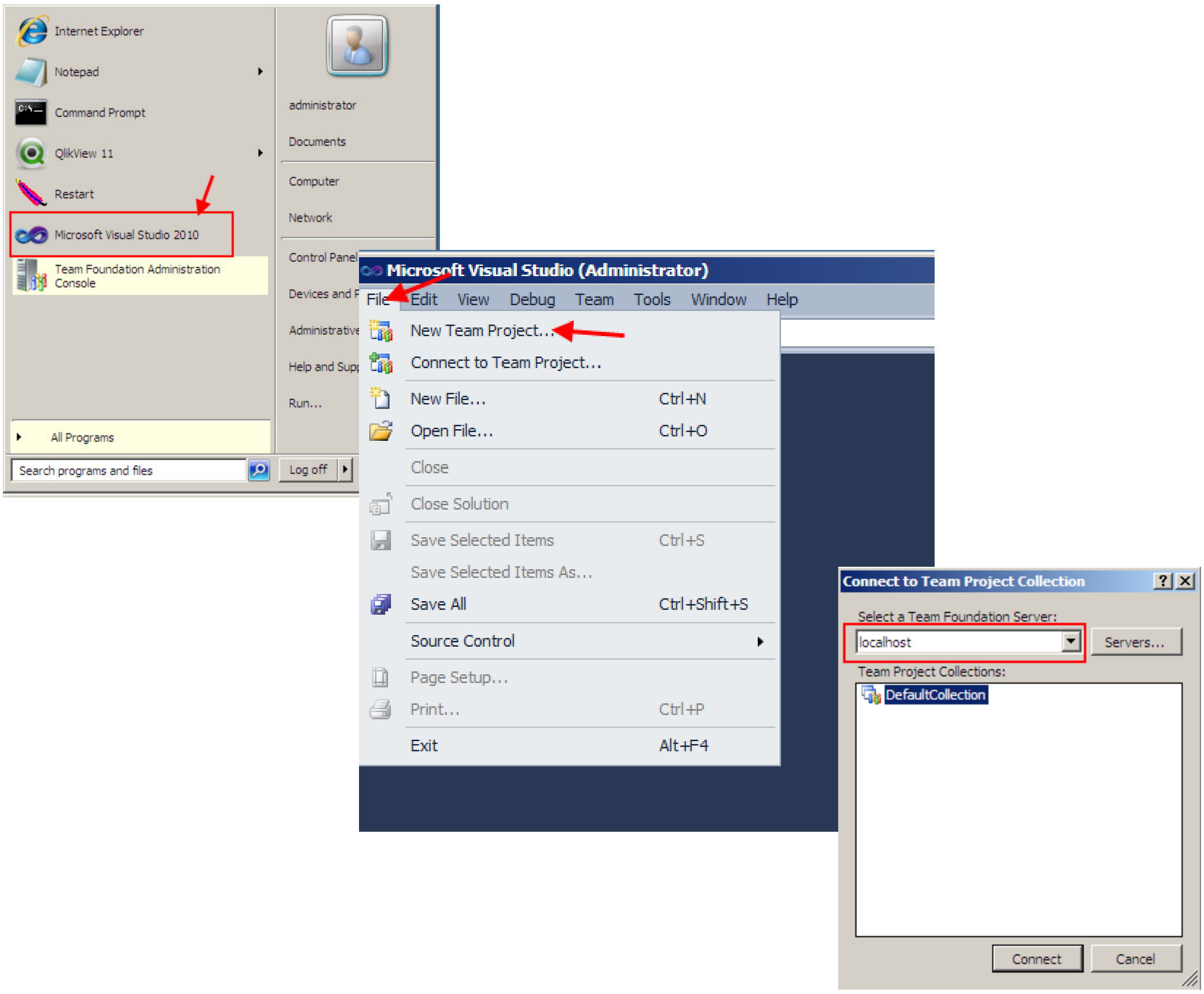
Team Foundation Server list:

Name	URL
localhost\DefaultCollection	http://localhost:8080/tfs

Connect to a Team Foundation Server

Connect to a Team Foundation Server: localhost\DefaultCollection

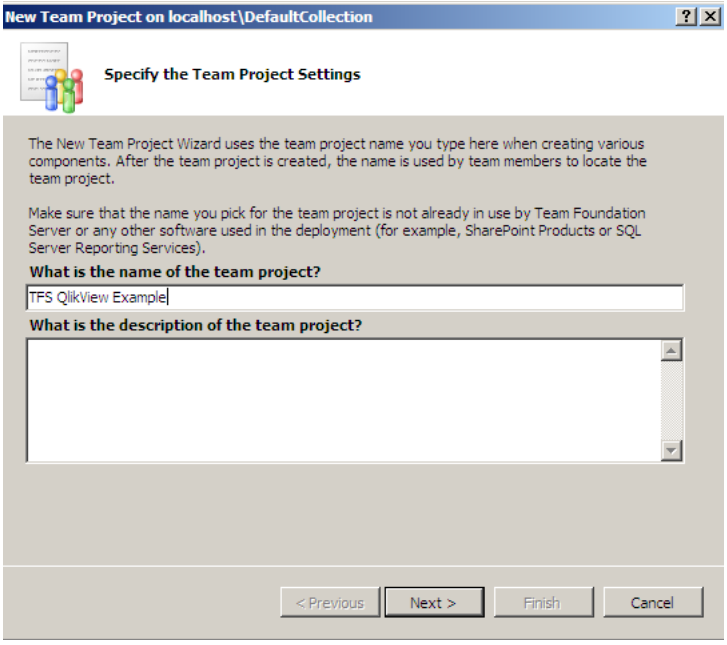
Start your Visual Studio 2010



Connect to Team Project Collection

Select a Team Foundation Server: localhost

Team Project Collections: DefaultCollection



Specify the Team Project Settings

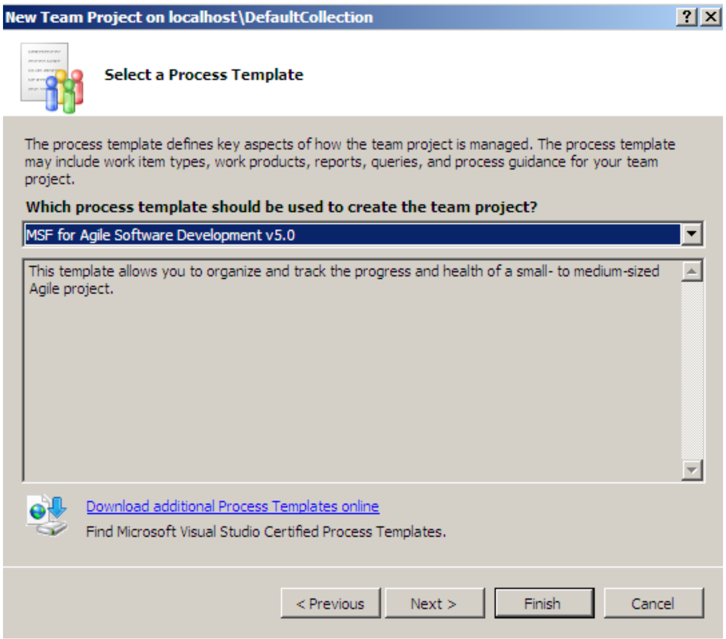
The New Team Project Wizard uses the team project name you type here when creating various components. After the team project is created, the name is used by team members to locate the team project.

Make sure that the name you pick for the team project is not already in use by Team Foundation Server or any other software used in the deployment (for example, SharePoint Products or SQL Server Reporting Services).

What is the name of the team project?

TFS QlikView Example

What is the description of the team project?



Select a Process Template

The process template defines key aspects of how the team project is managed. The process template may include work item types, work products, reports, queries, and process guidance for your team project.

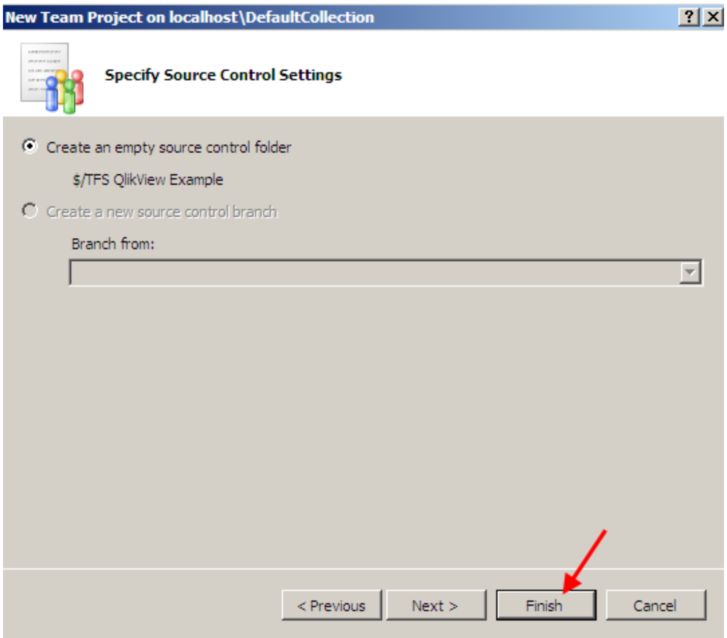
Which process template should be used to create the team project?

MSF for Agile Software Development v5.0

This template allows you to organize and track the progress and health of a small- to medium-sized Agile project.

Download additional Process Templates online

Find Microsoft Visual Studio Certified Process Templates.


New Team Project on localhost\DefaultCollection

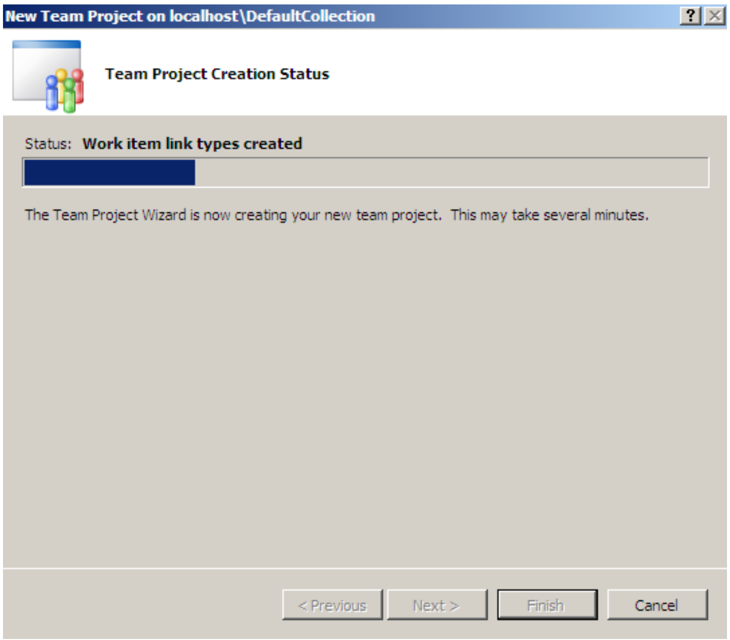
Specify Source Control Settings

● Create an empty source control folder

$/TFS QlikView Example

○ Create a new source control branch

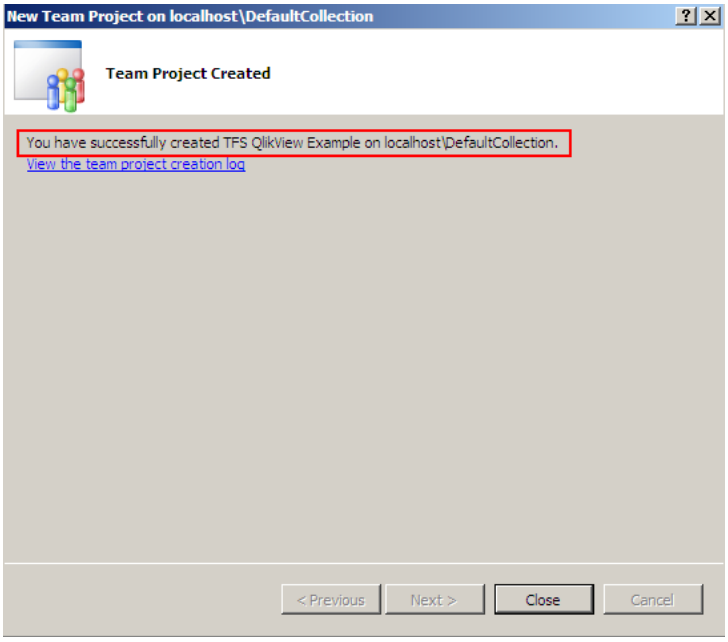
Branch from:


New Team Project on localhost\DefaultCollection

Team Project Creation Status

Status: **Work item link types created**

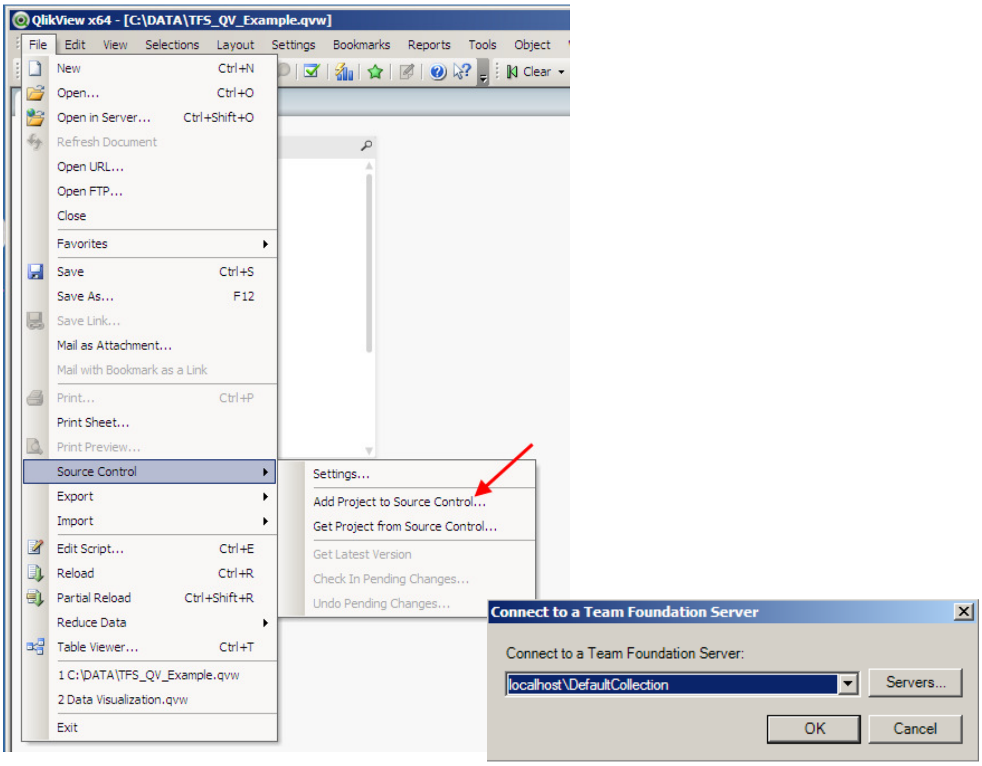
The Team Project Wizard is now creating your new team project. This may take several minutes.



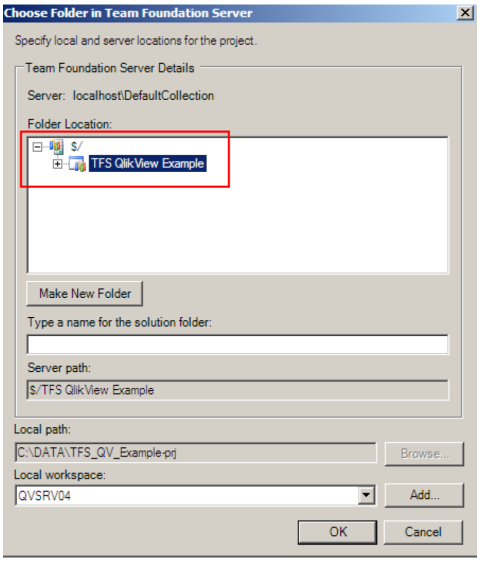
New Team Project on localhost\DefaultCollection
Team Project Created
View the team project creation log
< Previous
Next >
Close
Cancel

You have successfully created TFS QlikView Example on localhost\DefaultCollection.

Go back to QlikView



Connect to a Team Foundation Server: localhost\DefaultCollection



Choose Folder in Team Foundation Server

Specify local and server locations for the project.

Team Foundation Server Details

Server: localhost\DefaultCollection

Folder Location:

- $/
  - TFS QlikView Example

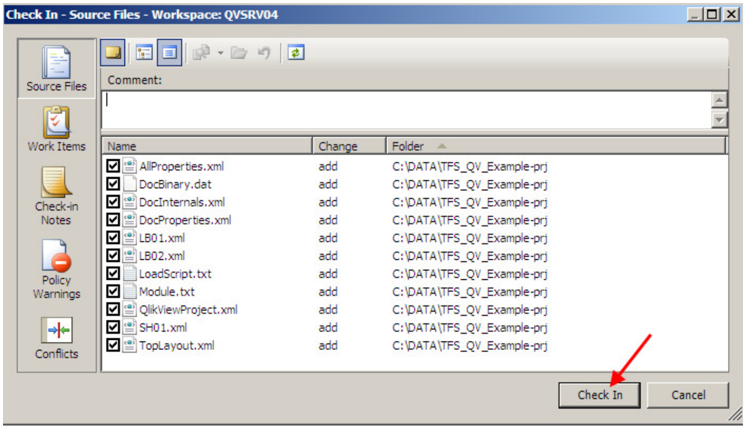
Type a name for the solution folder:

Server path: $/TFS QlikView Example

Local path: C:\DATA\TFS_QV_Example-prj

Local workspace: QVSRV04

Now you should be able to check in your QVW Project for the first time.

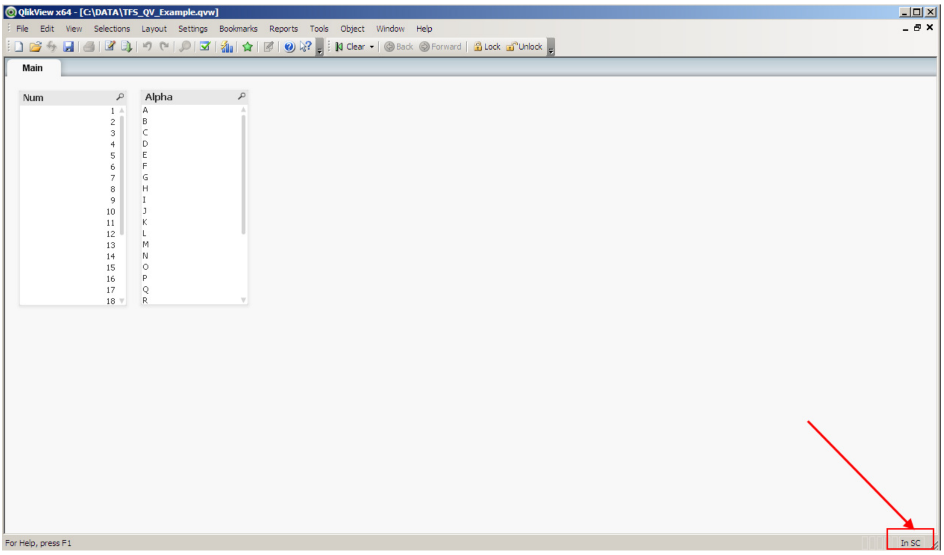


Check In - Source Files - Workspace: QVSRV04

Comment:

Name	Change	Folder
☑ AllProperties.xml	add	C:\DATA\TFS_QV_Example-prj
☑ DocBinary.dat	add	C:\DATA\TFS_QV_Example-prj
☑ DocInternals.xml	add	C:\DATA\TFS_QV_Example-prj
☑ DocProperties.xml	add	C:\DATA\TFS_QV_Example-prj
☑ LB01.xml	add	C:\DATA\TFS_QV_Example-prj
☑ LB02.xml	add	C:\DATA\TFS_QV_Example-prj
☑ LoadScript.txt	add	C:\DATA\TFS_QV_Example-prj
☑ Module.txt	add	C:\DATA\TFS_QV_Example-prj
☑ QlikViewProject.xml	add	C:\DATA\TFS_QV_Example-prj
☑ SH01.xml	add	C:\DATA\TFS_QV_Example-prj
☑ TopLayout.xml	add	C:\DATA\TFS_QV_Example-prj

Now you can see that your QV Project is under Source control



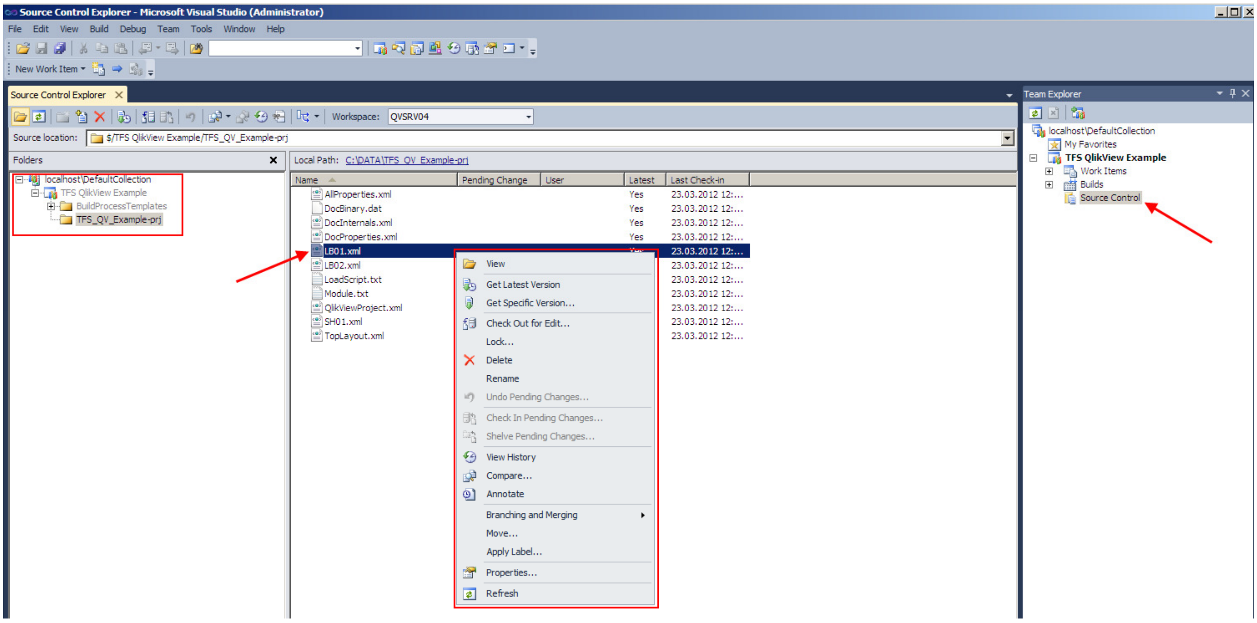
QlikView x64 - [C:\DATA\TFS_QV_Example.qvw]

Num	Alpha
1	A
2	B
3	C
4	D
5	E
6	F
7	G
8	H
9	I
10	J
11	K
12	L
13	M
14	N
15	O
16	P
17	Q
18	R

For Help, press F1

In SC

And you can use your TFS environment for different options like comparing different version, locking files to prevent another user to check in a change while you are working with it etc.



Workspace: QVSRV04

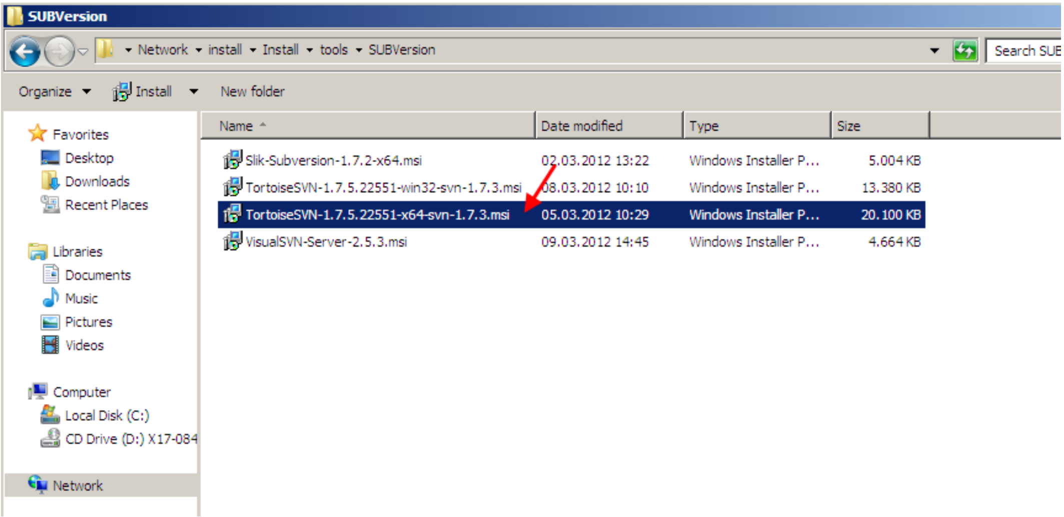
Source location: $/TFS QlikView Example/TFS_QV_Example-prj

Local Path: C:\DATA\TFS_QV_Example-prj

Name	Pending Change	User	Latest	Last Check-in
AllProperties.xml			Yes	23.03.2012 12:...
DocBinary.dat			Yes	23.03.2012 12:...
DocInternals.xml			Yes	23.03.2012 12:...
DocProperties.xml			Yes	23.03.2012 12:...
LB01.xml			Yes	23.03.2012 12:...
LB02.xml				23.03.2012 12:...
LoadScript.txt				23.03.2012 12:...
Module.txt				23.03.2012 12:...
QlikViewProject.xml				23.03.2012 12:...
SH01.xml				23.03.2012 12:...
TopLayout.xml				23.03.2012 12:...

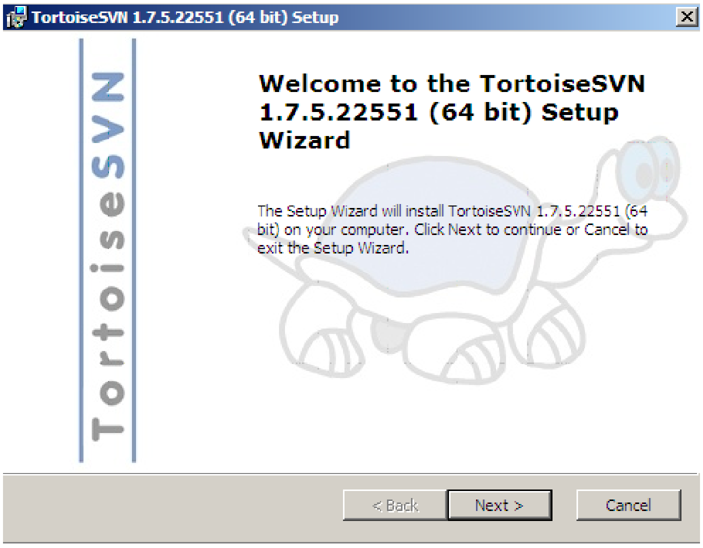
TortoiseSVN & Visual SVN Server Installation with QlikView 11

Start to install the TortoiseSVN



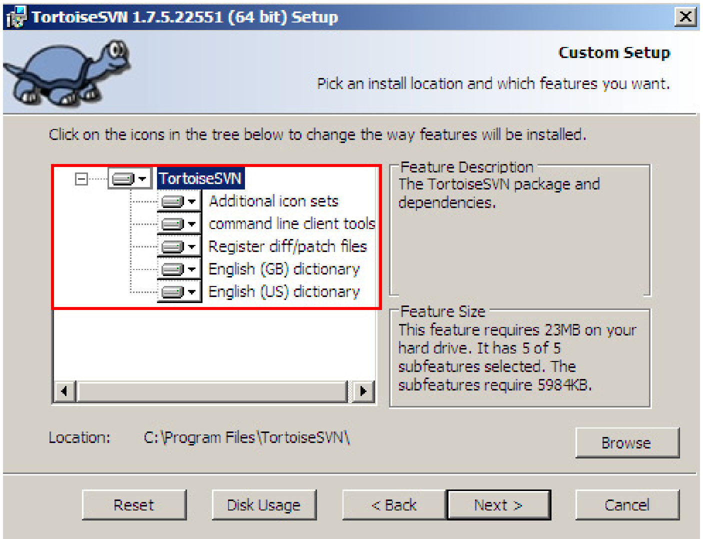
Name	Date modified	Type	Size
Slik-Subversion-1.7.2-x64.msi	02.03.2012 13:22	Windows Installer P...	5.004 KB
TortoiseSVN-1.7.5.22551-win32-svn-1.7.3.msi	08.03.2012 10:10	Windows Installer P...	13.380 KB
TortoiseSVN-1.7.5.22551-x64-svn-1.7.3.msi	05.03.2012 10:29	Windows Installer P...	20.100 KB
VisualSVN-Server-2.5.3.msi	09.03.2012 14:45	Windows Installer P...	4.664 KB

Download the 32 & 64bit files here http://tortoisesvn.net/downloads.html



Welcome to the TortoiseSVN 1.7.5.22551 (64 bit) Setup Wizard

The Setup Wizard will install TortoiseSVN 1.7.5.22551 (64 bit) on your computer. Click Next to continue or Cancel to exit the Setup Wizard.



TortoiseSVN 1.7.5.22551 (64 bit) Setup

Custom Setup

Pick an install location and which features you want.

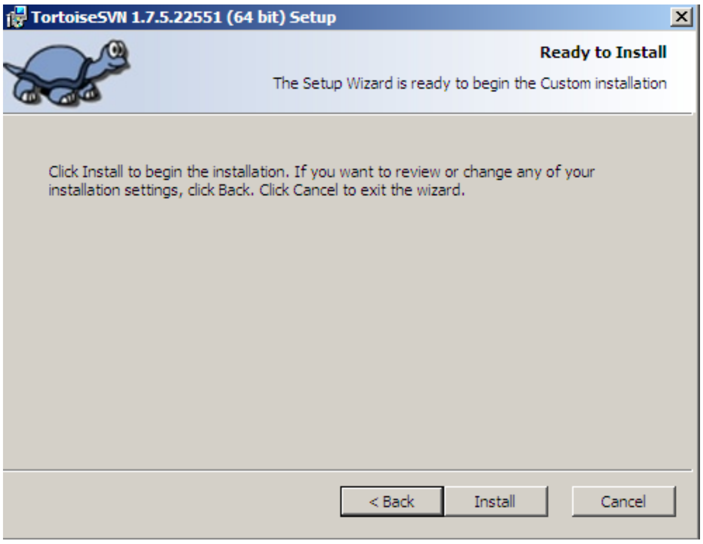
Click on the icons in the tree below to change the way features will be installed.

- TortoiseSVN
  - Additional icon sets
  - command line client tools
  - Register diff/patch files
  - English (GB) dictionary
  - English (US) dictionary

Feature Description
The TortoiseSVN package and dependencies.

Feature Size
This feature requires 23MB on your hard drive. It has 5 of 5 subfeatures selected. The subfeatures require 5984KB.

Location: C:\Program Files\TortoiseSVN\

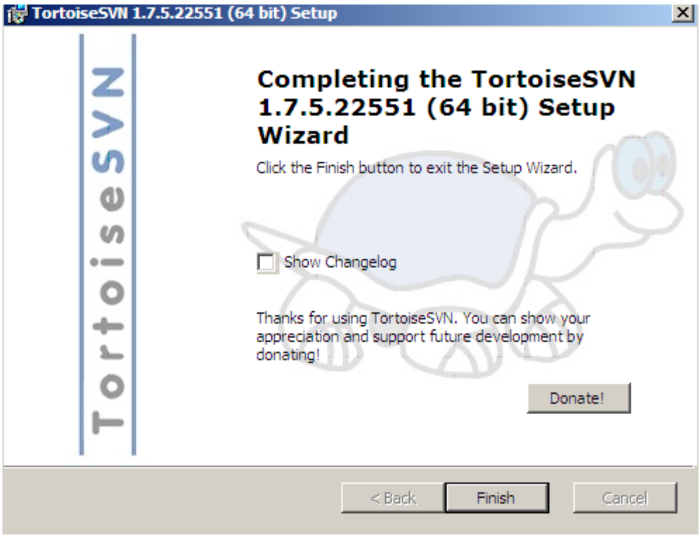


TortoiseSVN 1.7.5.22551 (64 bit) Setup

Ready to Install

The Setup Wizard is ready to begin the Custom installation

Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.



TortoiseSVN 1.7.5.22551 (64 bit) Setup

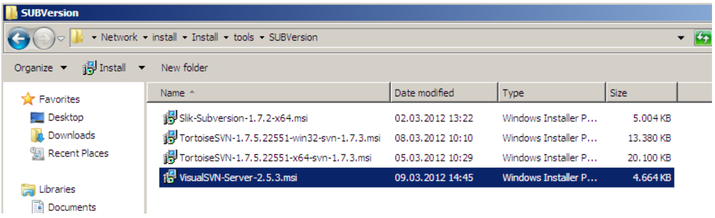
Completing the TortoiseSVN 1.7.5.22551 (64 bit) Setup Wizard

Click the Finish button to exit the Setup Wizard.

□ Show Changelog

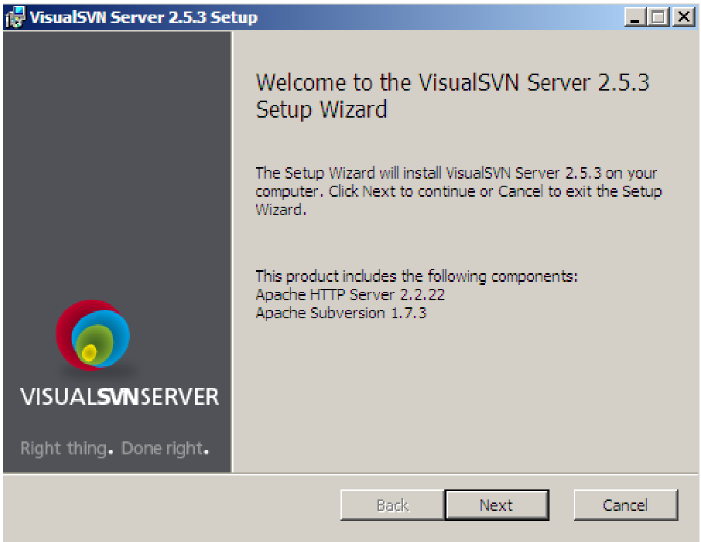
Thanks for using TortoiseSVN. You can show your appreciation and support future development by donating!

Start to install VisualSVN Server



Name	Date modified	Type	Size
Slik-Subversion-1.7.2-x64.msi	02.03.2012 13:22	Windows Installer P...	5.004 KB
TortoiseSVN-1.7.5.22551-win32-svn-1.7.3.msi	08.03.2012 10:10	Windows Installer P...	13.380 KB
TortoiseSVN-1.7.5.22551-x64-svn-1.7.3.msi	05.03.2012 10:29	Windows Installer P...	20.100 KB
VisualSVN-Server-2.5.3.msi	09.03.2012 14:45	Windows Installer P...	4.664 KB

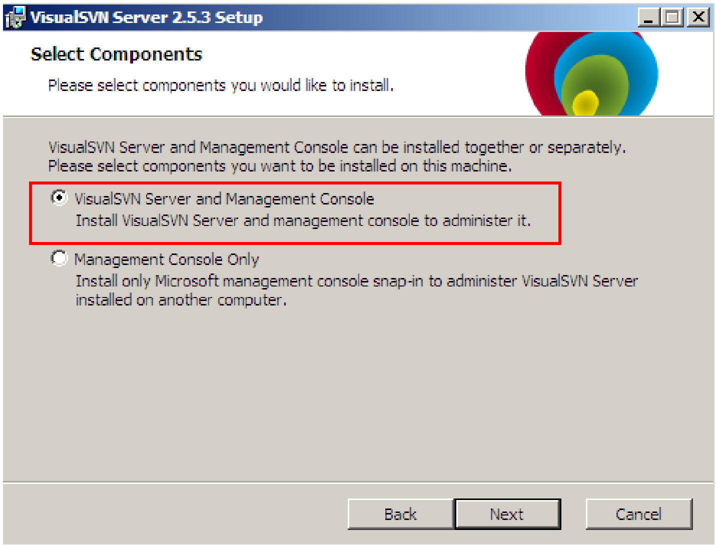
Download the 32 & 64bit files here http://www.visualsvn.com/server/download/



Welcome to the VisualSVN Server 2.5.3 Setup Wizard

The Setup Wizard will install VisualSVN Server 2.5.3 on your computer. Click Next to continue or Cancel to exit the Setup Wizard.

This product includes the following components:
Apache HTTP Server 2.2.22
Apache Subversion 1.7.3



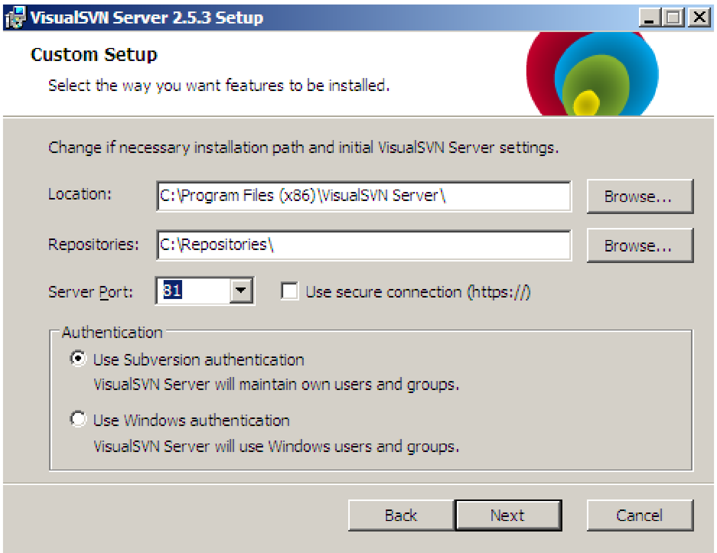
Select Components

Please select components you would like to install.

VisualSVN Server and Management Console can be installed together or separately. Please select components you want to be installed on this machine.

● VisualSVN Server and Management Console
Install VisualSVN Server and management console to administer it.

○ Management Console Only
Install only Microsoft management console snap-in to administer VisualSVN Server installed on another computer.



VisualSVN Server 2.5.3 Setup

Custom Setup

Select the way you want features to be installed.

Change if necessary installation path and initial VisualSVN Server settings.

Location: C:\Program Files (x86)\VisualSVN Server\

Repositories: C:\Repositories\

Server Port: 81

☐ Use secure connection (https://)

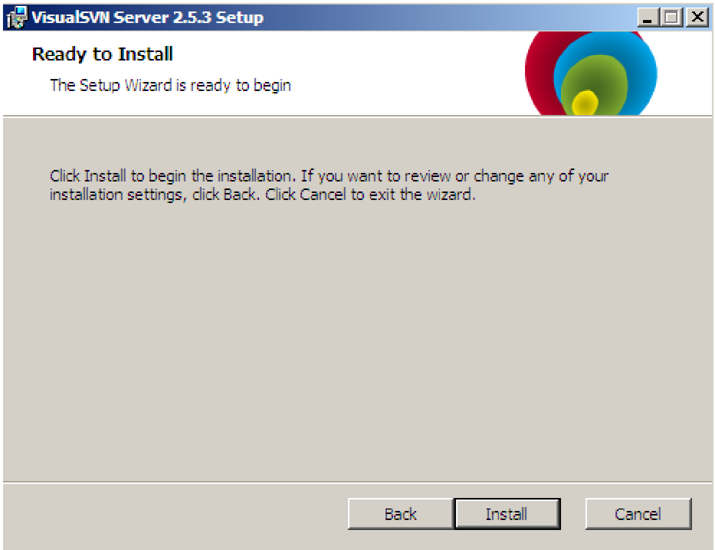
Authentication

● Use Subversion authentication

VisualSVN Server will maintain own users and groups.

○ Use Windows authentication

VisualSVN Server will use Windows users and groups.

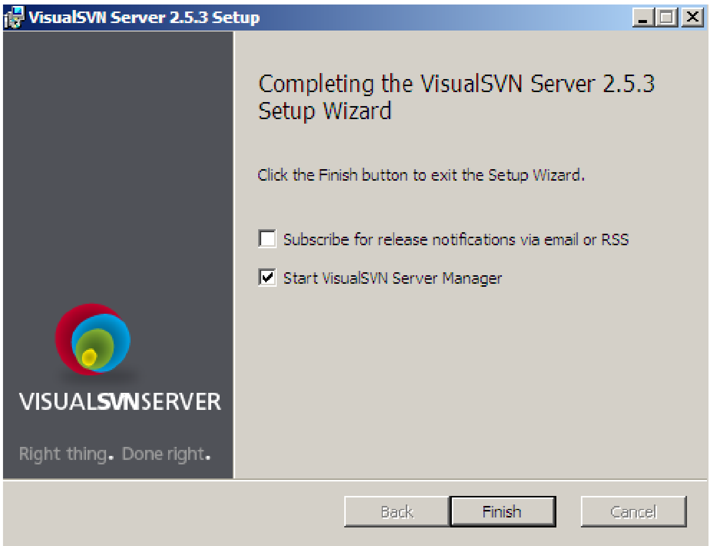


VisualSVN Server 2.5.3 Setup

Ready to Install

The Setup Wizard is ready to begin

Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.



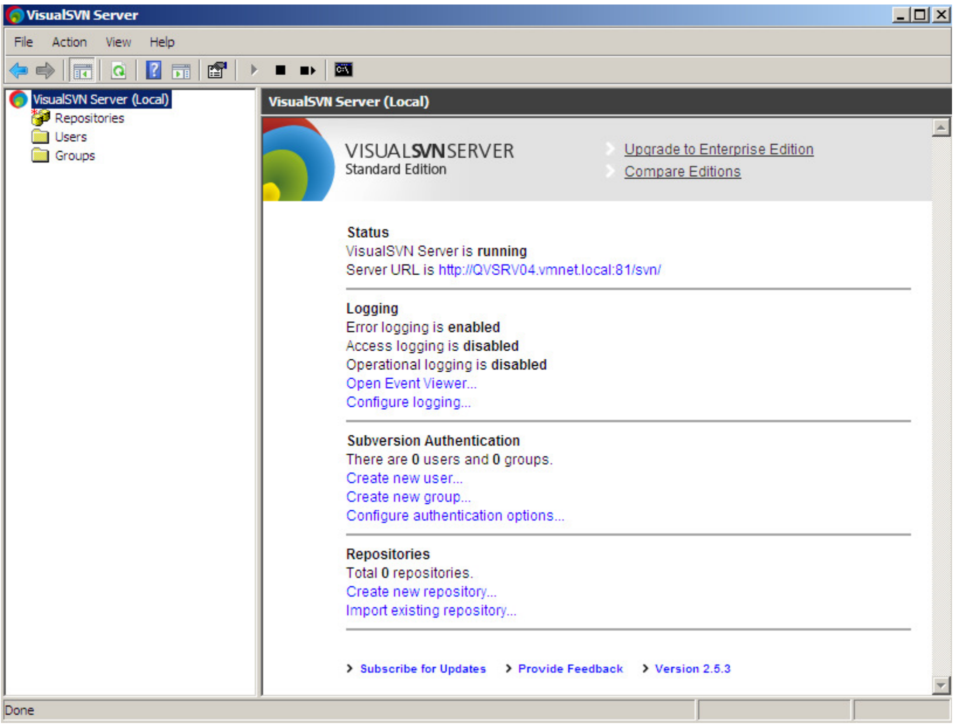
VisualSVN Server 2.5.3 Setup

Completing the VisualSVN Server 2.5.3 Setup Wizard

Click the Finish button to exit the Setup Wizard.

☐ Subscribe for release notifications via email or RSS

☑ Start VisualSVN Server Manager



VisualSVN Server (Local)

Status
VisualSVN Server is **running**
Server URL is http://QVSRV04.vmnet.local:81/svn/

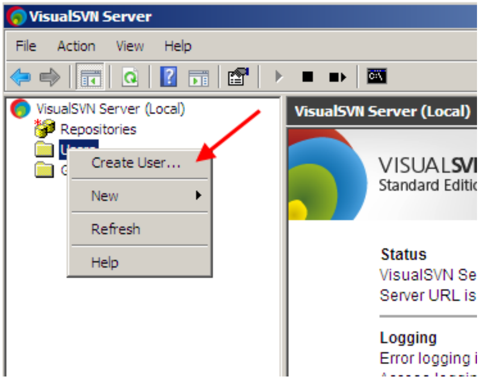
Logging
Error logging is **enabled**
Access logging is **disabled**
Operational logging is **disabled**
Open Event Viewer...
Configure logging...

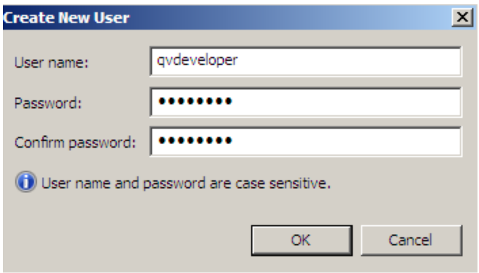
Subversion Authentication
There are **0** users and **0** groups.
Create new user...
Create new group...
Configure authentication options...

Repositories
Total **0** repositories.
Create new repository...
Import existing repository...

VisualSVN Server Configuration

Create a User

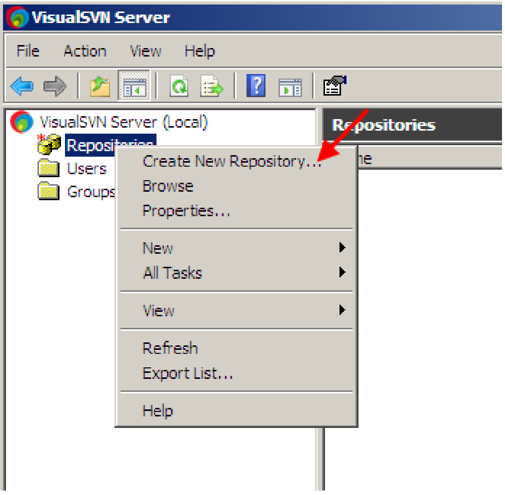


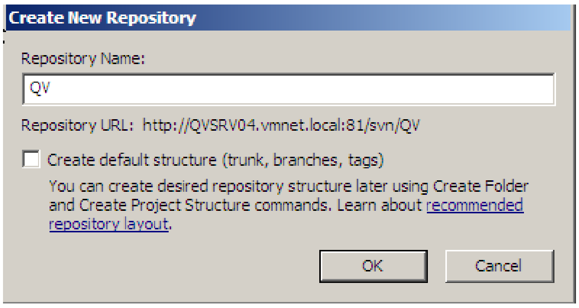


User name: qvdeveloper
Password: ••••••••
Confirm password: ••••••••

User name and password are case sensitive.

PW: Test1234





Create New Repository

Repository Name:

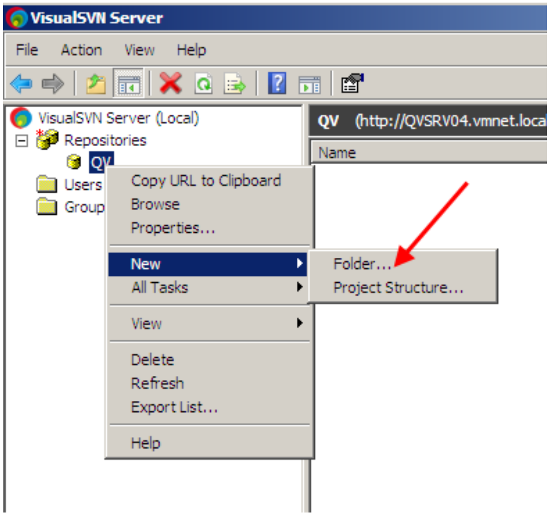
QV

Repository URL: http://QVSRV04.vmnet.local:81/svn/QV

☐ Create default structure (trunk, branches, tags)

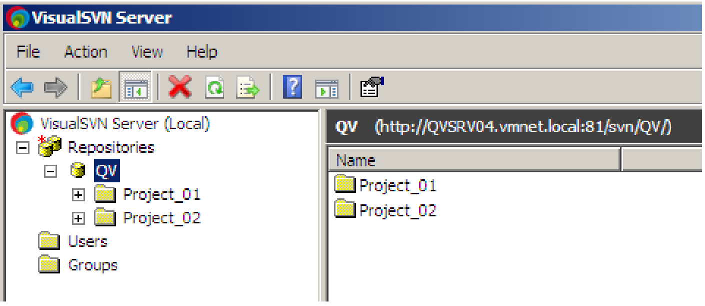
You can create desired repository structure later using Create Folder and Create Project Structure commands. Learn about recommended repository layout.

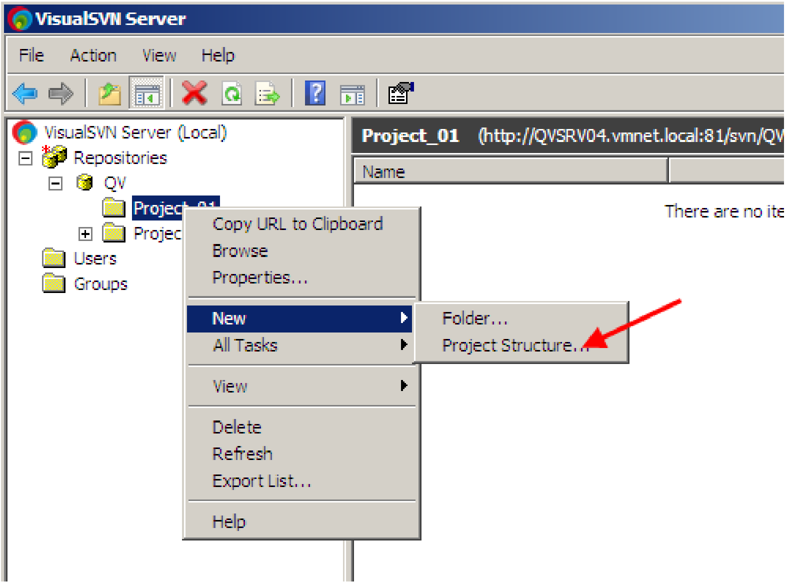
OK Cancel

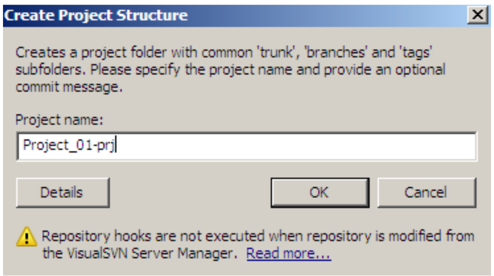


Create a Folder structure like your Source Documents Folder structure.

For Example like this:



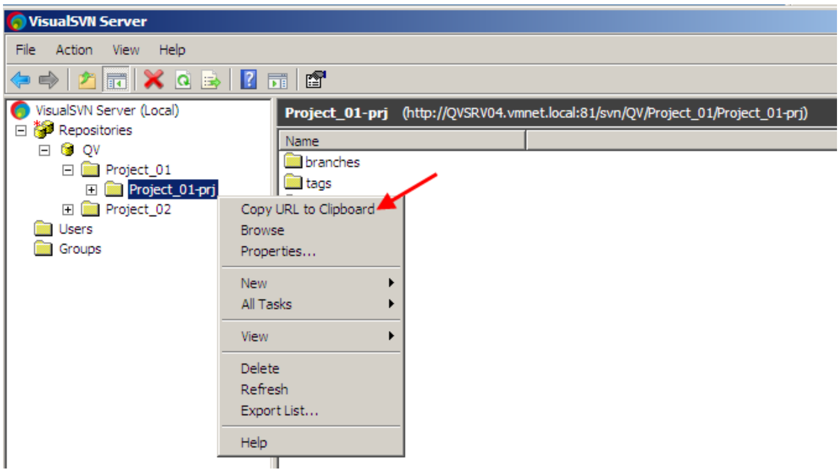


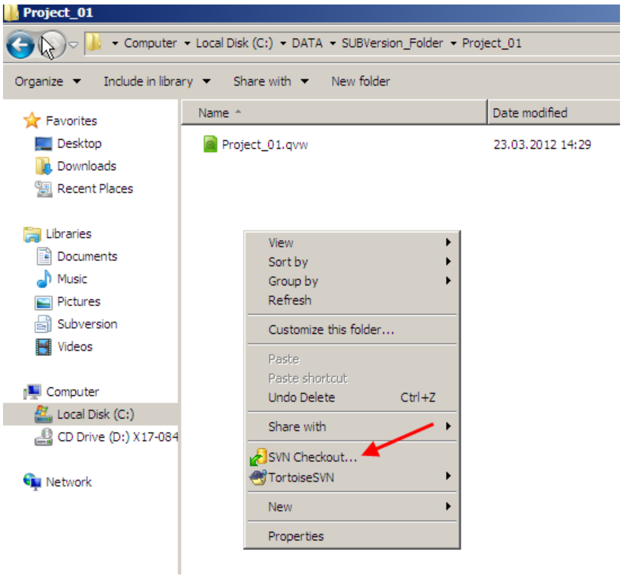

Create Project Structure

Creates a project folder with common 'trunk', 'branches' and 'tags' subfolders. Please specify the project name and provide an optional commit message.

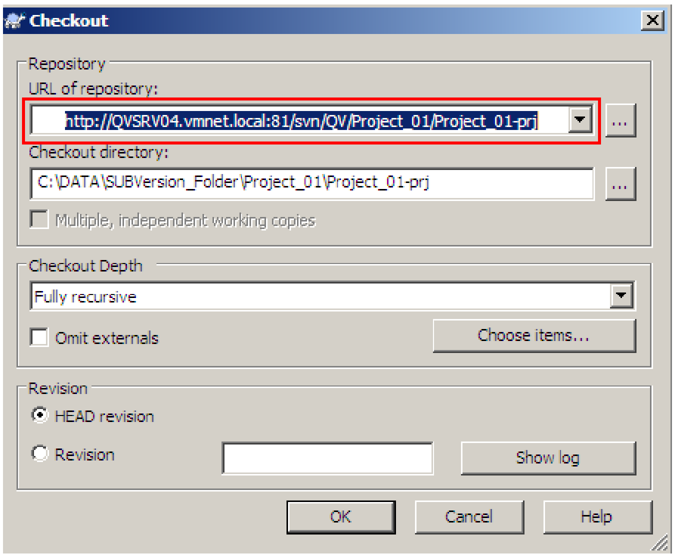
Project name: Project_01-prj

Repository hooks are not executed when repository is modified from the VisualSVN Server Manager. Read more...





Name	Date modified
Project_01.qvw	23.03.2012 14:29



URL of repository: http://QVSRV04.vmnet.local:81/svn/QV/Project_01/Project_01-prj

Checkout directory: C:\DATA\SUBVersion_Folder\Project_01\Project_01-prj

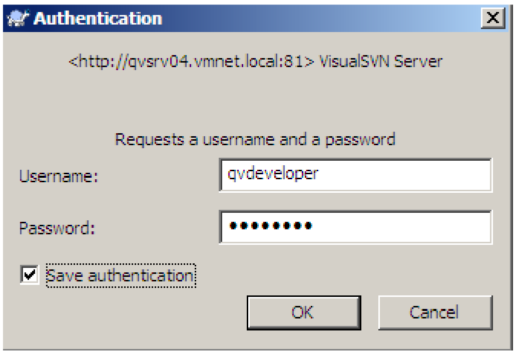
□ Multiple, independent working copies

Fully recursive

□ Omit externals

● HEAD revision

○ Revision



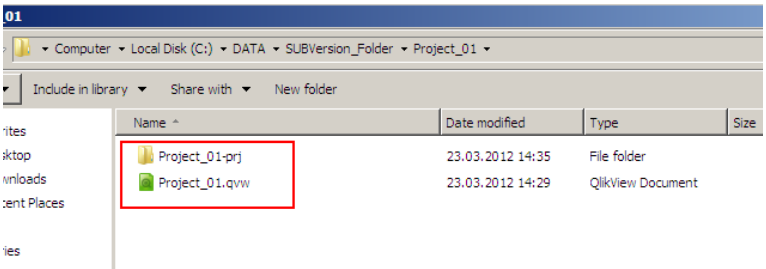
<http://qvsrv04.vmnet.local:81> VisualSVN Server

Requests a username and a password

Username: qvdeveloper

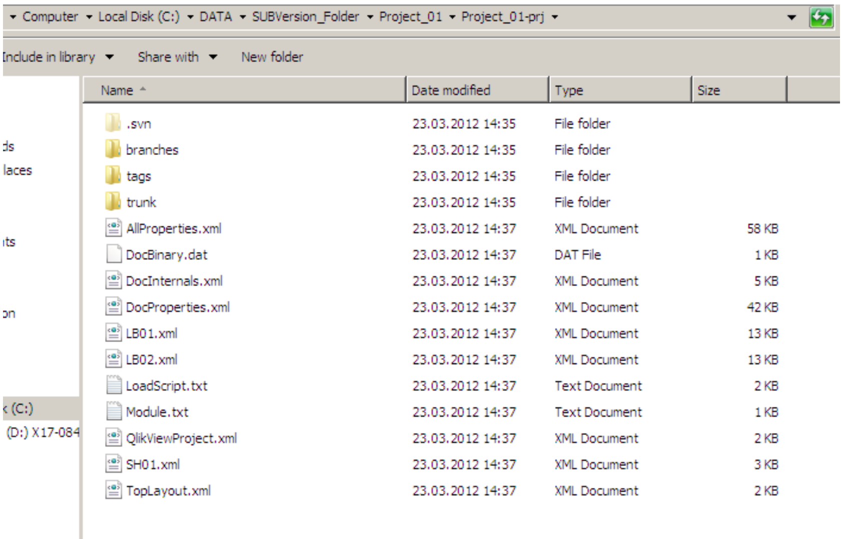
Password: ••••••••

☑ Save authentication



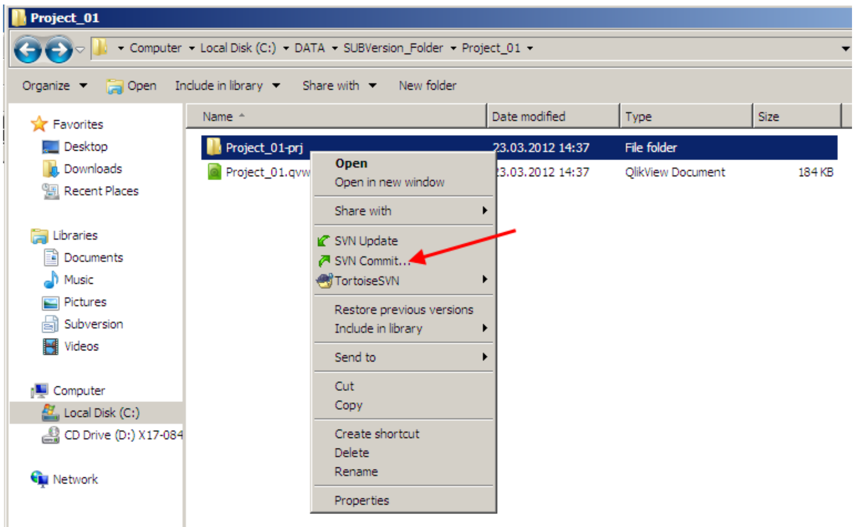
Name	Date modified	Type	Size
Project_01-prj	23.03.2012 14:35	File folder	
Project_01.qvw	23.03.2012 14:29	QlikView Document	

Open and save your QVW file once to get your XML structure exported

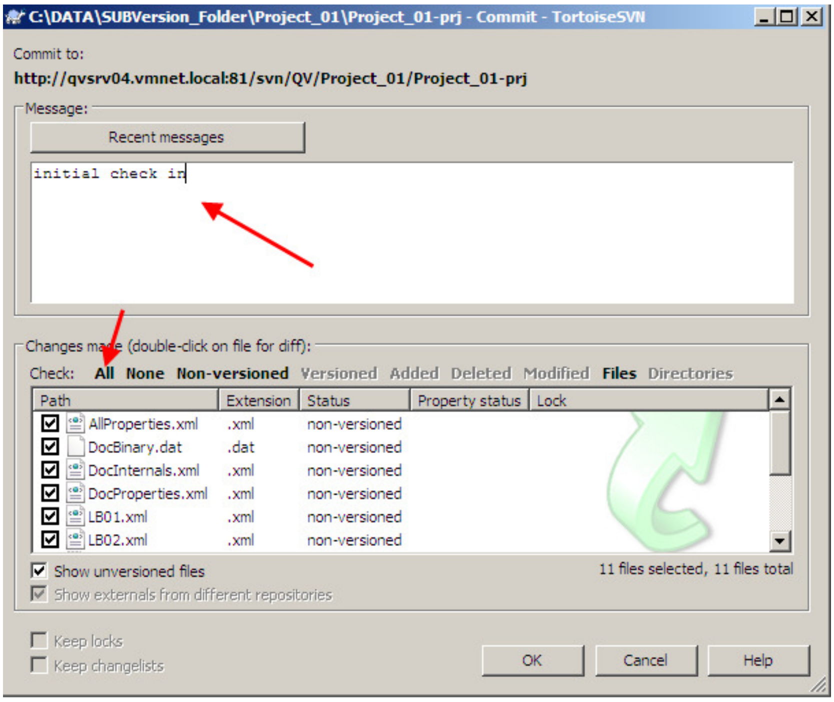


Computer ▸ Local Disk (C:) ▸ DATA ▸ SUBVersion_Folder ▸ Project_01 ▸ Project_01-prj
Include in library ▾
Share with ▾
New folder
ds
laces
ts
on
(C:)
(D:) X17-084

Name	Date modified	Type	Size
.svn	23.03.2012 14:35	File folder	
branches	23.03.2012 14:35	File folder	
tags	23.03.2012 14:35	File folder	
trunk	23.03.2012 14:35	File folder	
AllProperties.xml	23.03.2012 14:37	XML Document	58 KB
DocBinary.dat	23.03.2012 14:37	DAT File	1 KB
DocInternals.xml	23.03.2012 14:37	XML Document	5 KB
DocProperties.xml	23.03.2012 14:37	XML Document	42 KB
LB01.xml	23.03.2012 14:37	XML Document	13 KB
LB02.xml	23.03.2012 14:37	XML Document	13 KB
LoadScript.txt	23.03.2012 14:37	Text Document	2 KB
Module.txt	23.03.2012 14:37	Text Document	1 KB
QlikViewProject.xml	23.03.2012 14:37	XML Document	2 KB
SH01.xml	23.03.2012 14:37	XML Document	3 KB
TopLayout.xml	23.03.2012 14:37	XML Document	2 KB



Name	Date modified	Type	Size
Project_01-prj	23.03.2012 14:37	File folder	
Project_01.qvw	23.03.2012 14:37	QlikView Document	184 KB



C:\DATA\SUBVersion_Folder\Project_01\Project_01-prj - Commit - TortoiseSVN

Commit to:

http://qvsrv04.vmnet.local:81/svn/QV/Project_01/Project_01-prj

Message:

Recent messages

```
initial check in
```

Changes made (double-click on file for diff):

Check: **All** **None** **Non-versioned** Versioned Added Deleted Modified **Files** Directories

	Path	Extension	Status	Property status	Lock
☑	AllProperties.xml	.xml	non-versioned		
☑	DocBinary.dat	.dat	non-versioned		
☑	DocInternals.xml	.xml	non-versioned		
☑	DocProperties.xml	.xml	non-versioned		
☑	LB01.xml	.xml	non-versioned		
☑	LB02.xml	.xml	non-versioned		

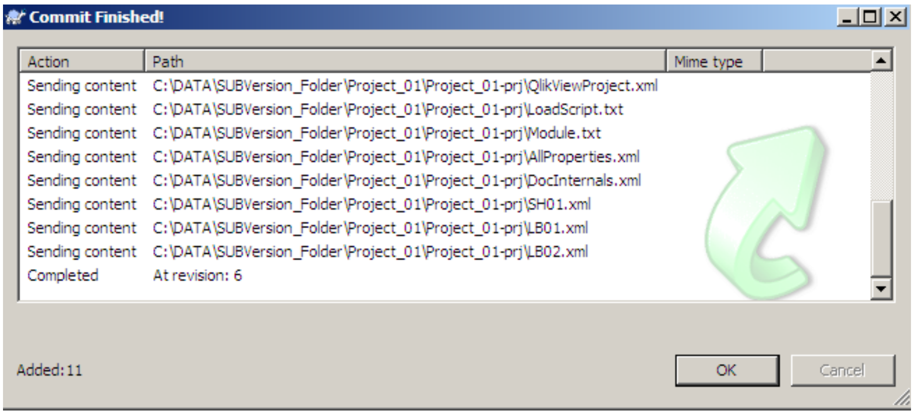
☑ Show unversioned files

11 files selected, 11 files total

☑ Show externals from different repositories

☐ Keep locks

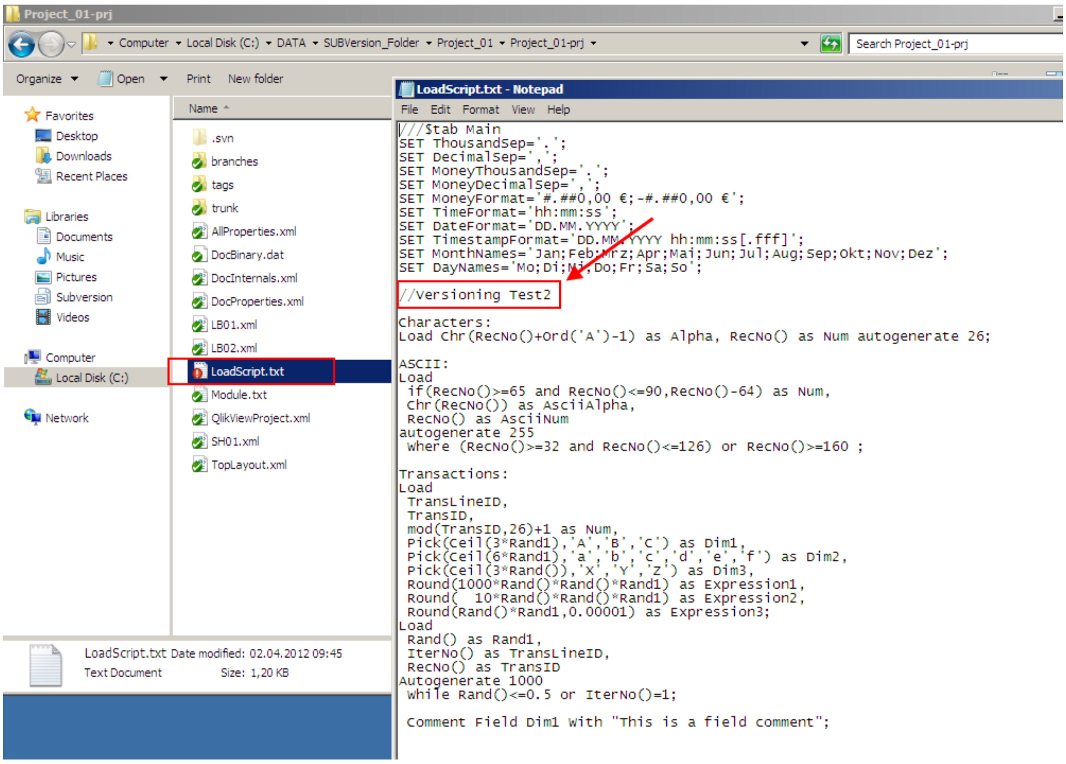
☐ Keep changelists



Action	Path	Mime type
Sending content	C:\DATA\SUBVersion_Folder\Project_01\Project_01-prj\QlikViewProject.xml	
Sending content	C:\DATA\SUBVersion_Folder\Project_01\Project_01-prj\LoadScript.txt	
Sending content	C:\DATA\SUBVersion_Folder\Project_01\Project_01-prj\Module.txt	
Sending content	C:\DATA\SUBVersion_Folder\Project_01\Project_01-prj\AllProperties.xml	
Sending content	C:\DATA\SUBVersion_Folder\Project_01\Project_01-prj\DocInternals.xml	
Sending content	C:\DATA\SUBVersion_Folder\Project_01\Project_01-prj\SH01.xml	
Sending content	C:\DATA\SUBVersion_Folder\Project_01\Project_01-prj\LB01.xml	
Sending content	C:\DATA\SUBVersion_Folder\Project_01\Project_01-prj\LB02.xml	
Completed	At revision: 6	

Added: 11

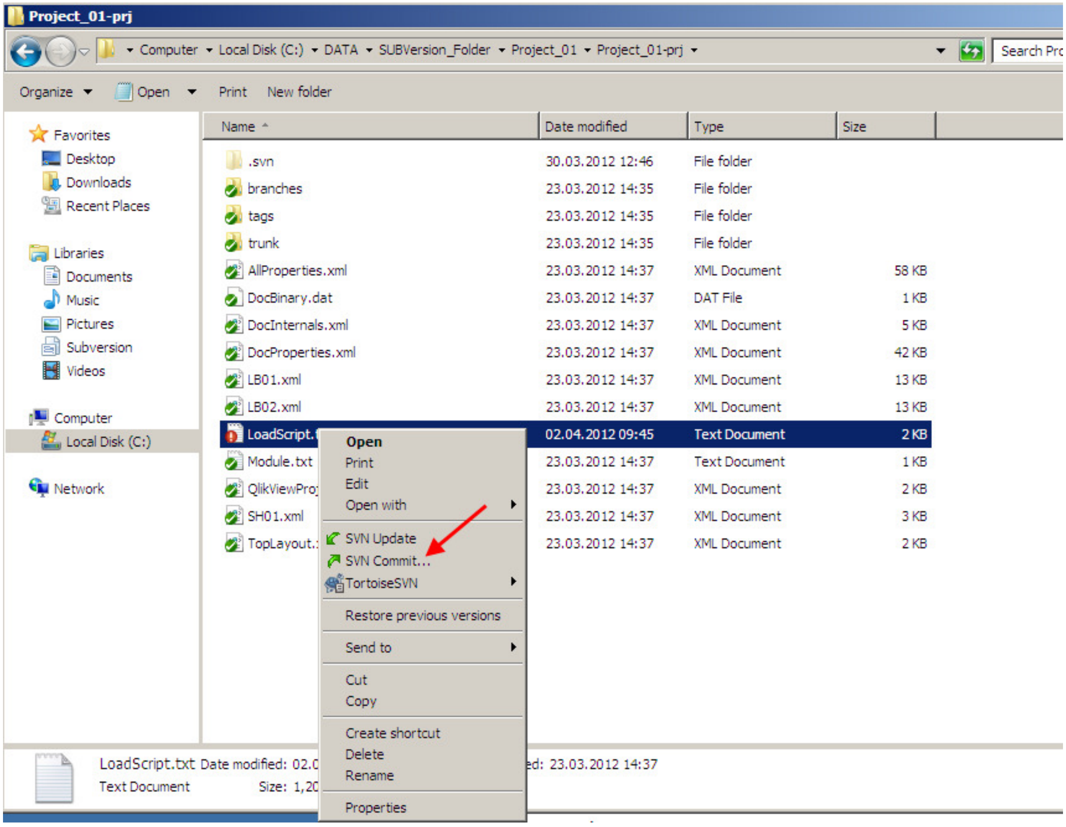
Reboot the Machine otherwise you won’t see those green checks for every file which is in source control:



LoadScript.txt Date modified: 02.04.2012 09:45
Text Document Size: 1,20 KB

```
///$tab Main
SET ThousandSep='.';
SET DecimalSep=',';
SET MoneyThousandSep='.';
SET MoneyDecimalSep=',';
SET MoneyFormat='#.##0,00 €;-#.##0,00 €';
SET TimeFormat='hh:mm:ss';
SET DateFormat='DD.MM.YYYY';
SET TimestampFormat='DD.MM.YYYY hh:mm:ss[.fff]';
SET MonthNames='Jan;Feb;Mrz;Apr;Mai;Jun;Jul;Aug;Sep;Okt;Nov;Dez';
SET DayNames='Mo;Di;Mi;Do;Fr;Sa;So';

//Versioning Test2

Characters:
Load Chr(RecNo()+Ord('A')-1) as Alpha, RecNo() as Num autogenerate 26;

ASCII:
Load
 if(RecNo()>=65 and RecNo()<=90,RecNo()-64) as Num,
 Chr(RecNo()) as AsciiAlpha,
 RecNo() as AsciiNum
autogenerate 255
 Where (RecNo()>=32 and RecNo()<=126) or RecNo()>=160 ;

Transactions:
Load
 TransLineID,
 TransID,
 mod(TransID,26)+1 as Num,
 Pick(Ceil(3*Rand1),'A','B','C') as Dim1,
 Pick(Ceil(6*Rand1),'a','b','c','d','e','f') as Dim2,
 Pick(Ceil(3*Rand()),'X','Y','Z') as Dim3,
 Round(1000*Rand()*Rand()*Rand1) as Expression1,
 Round(  10*Rand()*Rand()*Rand1) as Expression2,
 Round(Rand()*Rand1,0.00001) as Expression3;
Load
 Rand() as Rand1,
 IterNo() as TransLineID,
 RecNo() as TransID
Autogenerate 1000
 While Rand()<=0.5 or IterNo()=1;

 Comment Field Dim1 With "This is a field comment";
```

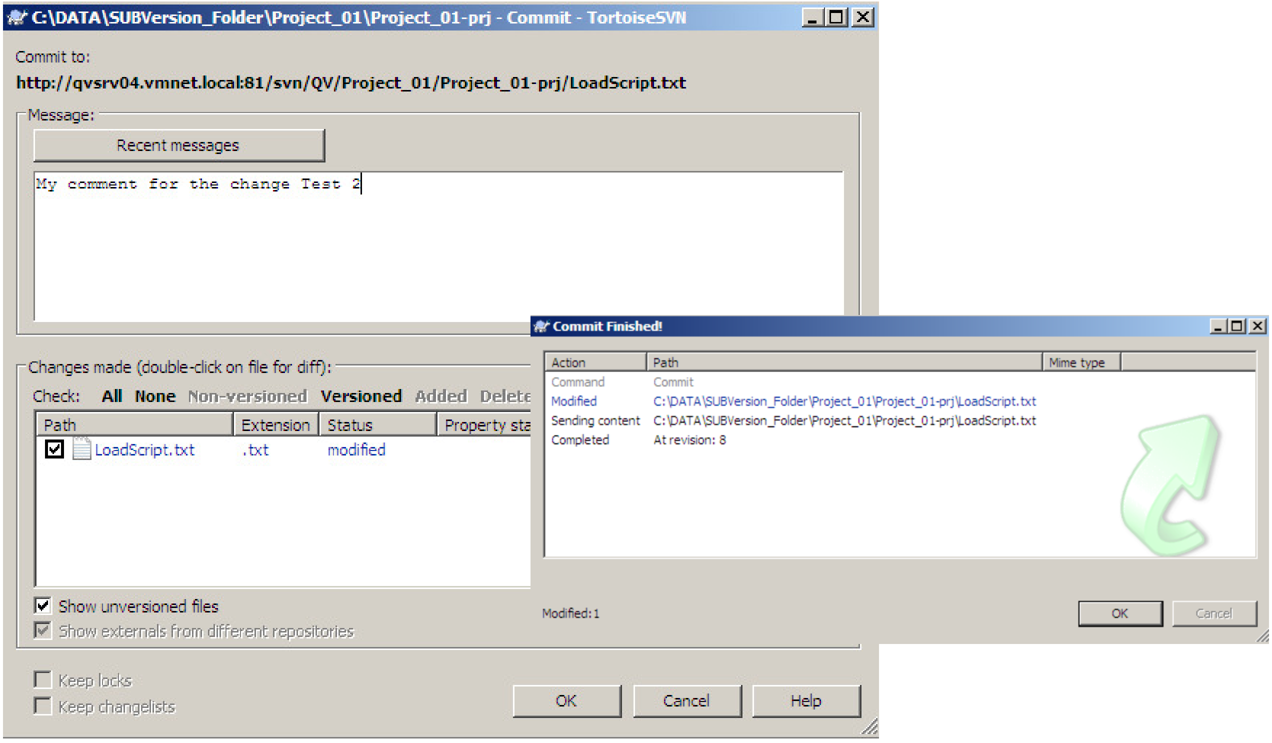
As a first Test edit the LoadScript.txt for example and save the file. You should have a red sign in front of your filename.



Name	Date modified	Type	Size
.svn	30.03.2012 12:46	File folder	
branches	23.03.2012 14:35	File folder	
tags	23.03.2012 14:35	File folder	
trunk	23.03.2012 14:35	File folder	
AllProperties.xml	23.03.2012 14:37	XML Document	58 KB
DocBinary.dat	23.03.2012 14:37	DAT File	1 KB
DocInternals.xml	23.03.2012 14:37	XML Document	5 KB
DocProperties.xml	23.03.2012 14:37	XML Document	42 KB
LB01.xml	23.03.2012 14:37	XML Document	13 KB
LB02.xml	23.03.2012 14:37	XML Document	13 KB
LoadScript.t	02.04.2012 09:45	Text Document	2 KB
Module.txt	23.03.2012 14:37	Text Document	1 KB
QlikViewProj	23.03.2012 14:37	XML Document	2 KB
SH01.xml	23.03.2012 14:37	XML Document	3 KB
TopLayout.	23.03.2012 14:37	XML Document	2 KB

LoadScript.txt Date modified: 02.0 ... ed: 23.03.2012 14:37
Text Document Size: 1,20

Commit your change


C:\DATA\SUBVersion_Folder\Project_01\Project_01-prj - Commit - TortoiseSVN

Commit to:
http://qvsrv04.vmnet.local:81/svn/QV/Project_01/Project_01-prj/LoadScript.txt

Message:

Recent messages

```
My comment for the change Test 2
```

Changes made (double-click on file for diff):

Check: **All** **None** Non-versioned **Versioned** Added Delete

Path	Extension	Status	Property sta
☑ LoadScript.txt	.txt	modified	

☑ Show unversioned files
☑ Show externals from different repositories

☐ Keep locks
☐ Keep changelists

OK Cancel Help

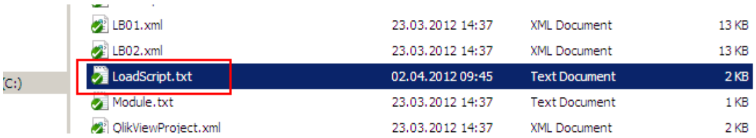
Commit Finished!

Action	Path	Mime type
Command	Commit	
Modified	C:\DATA\SUBVersion_Folder\Project_01\Project_01-prj\LoadScript.txt	
Sending content	C:\DATA\SUBVersion_Folder\Project_01\Project_01-prj\LoadScript.txt	
Completed	At revision: 8	

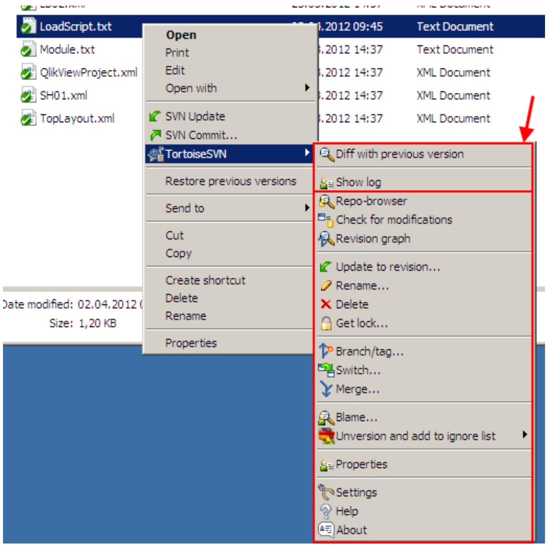
Modified:1

OK Cancel

Your file is now again checked in with the latest content

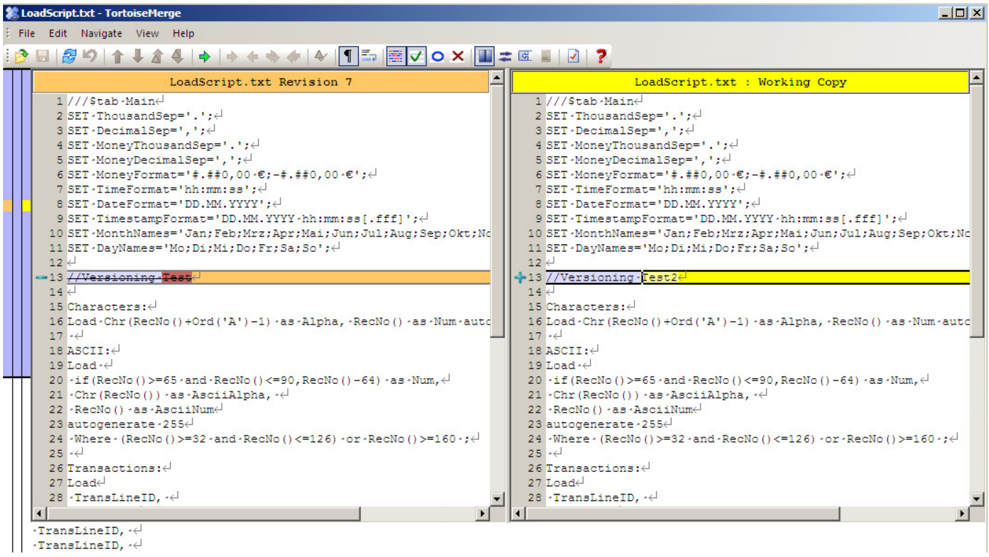

LB01.xml	23.03.2012 14:37	XML Document	13 KB
LB02.xml	23.03.2012 14:37	XML Document	13 KB
LoadScript.txt	02.04.2012 09:45	Text Document	2 KB
Module.txt	23.03.2012 14:37	Text Document	1 KB
QlikViewProject.xml	23.03.2012 14:37	XML Document	2 KB

With Tortoise SVN there are now several options to use:



For example the selected two ones above:

Diff with previous version:

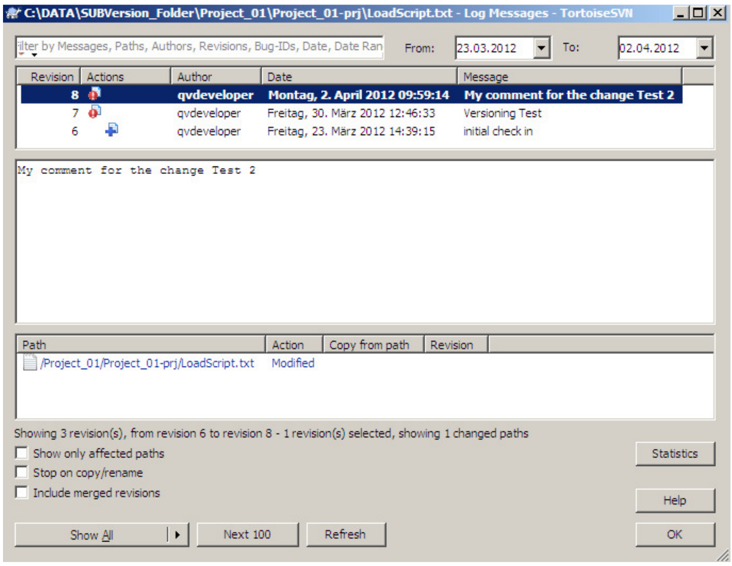

LoadScript.txt - TortoiseMerge
File Edit Navigate View Help
LoadScript.txt Revision 7
LoadScript.txt : Working Copy

```
///$tab Main
SET ThousandSep='.';
SET DecimalSep=',';
SET MoneyThousandSep='.';
SET MoneyDecimalSep=',';
SET MoneyFormat='#.##0,00 €;-#.##0,00 €';
SET TimeFormat='hh:mm:ss';
SET DateFormat='DD.MM.YYYY';
SET TimestampFormat='DD.MM.YYYY hh:mm:ss[.fff]';
SET MonthNames='Jan;Feb;Mrz;Apr;Mai;Jun;Jul;Aug;Sep;Okt;No
SET DayNames='Mo;Di;Mi;Do;Fr;Sa;So';

//Versioning Test

Characters:
Load Chr(RecNo()+Ord('A')-1) as Alpha, RecNo() as Num autc
 
ASCII:
Load 
 if(RecNo()>=65 and RecNo()<=90,RecNo()-64) as Num,
 Chr(RecNo()) as AsciiAlpha, 
 RecNo() as AsciiNum
autogenerate 255
 Where (RecNo()>=32 and RecNo()<=126) or RecNo()>=160 ;
 
Transactions:
Load
 TransLineID, 
```

```
///$tab Main
SET ThousandSep='.';
SET DecimalSep=',';
SET MoneyThousandSep='.';
SET MoneyDecimalSep=',';
SET MoneyFormat='#.##0,00 €;-#.##0,00 €';
SET TimeFormat='hh:mm:ss';
SET DateFormat='DD.MM.YYYY';
SET TimestampFormat='DD.MM.YYYY hh:mm:ss[.fff]';
SET MonthNames='Jan;Feb;Mrz;Apr;Mai;Jun;Jul;Aug;Sep;Okt;No
SET DayNames='Mo;Di;Mi;Do;Fr;Sa;So';

//Versioning Test2

Characters:
Load Chr(RecNo()+Ord('A')-1) as Alpha, RecNo() as Num autc
 
ASCII:
Load 
 if(RecNo()>=65 and RecNo()<=90,RecNo()-64) as Num,
 Chr(RecNo()) as AsciiAlpha, 
 RecNo() as AsciiNum
autogenerate 255
 Where (RecNo()>=32 and RecNo()<=126) or RecNo()>=160 ;
 
Transactions:
Load
 TransLineID, 
```

```
 TransLineID, 
 TransLineID, 
```

Or show the log:


C:\DATA\SUBVersion_Folder\Project_01\Project_01-prj\LoadScript.txt - Log Messages - TortoiseSVN

ilter by Messages, Paths, Authors, Revisions, Bug-IDs, Date, Date Ran

From: 23.03.2012 To: 02.04.2012

Revision	Actions	Author	Date	Message
8		qvdeveloper	Montag, 2. April 2012 09:59:14	My comment for the change Test 2
7		qvdeveloper	Freitag, 30. März 2012 12:46:33	Versioning Test
6		qvdeveloper	Freitag, 23. März 2012 14:39:15	initial check in

My comment for the change Test 2

Path	Action	Copy from path	Revision
/Project_01/Project_01-prj/LoadScript.txt	Modified		

Showing 3 revision(s), from revision 6 to revision 8 - 1 revision(s) selected, showing 1 changed paths

☐ Show only affected paths

☐ Stop on copy/rename

☐ Include merged revisions