



Visual Team Foundation Client

Development environment

Change set

| Version | Modifier | Modified |
|---------|----------|------------|
| v1.0 | vtfcpm | 2011.12.14 |



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1. Introduction

This document contains information for developers about development environment and configuration settings.



2. Prerequisites

This chapter contains pre requirements of developing VTFC.

2.1 Hardware requirements

- Computer that has a 1.6GHz or faster processor
- 1 GB (32 Bit) or 2 GB (64 Bit) RAM (Add 512 MB if running in a virtual machine)
- 3GB of available hard disk space
- 5400 RPM hard disk drive
- DirectX 9 capable video card running at 1024 x 768 or higher-resolution display
- DVD-ROM Drive

2.2 Software requirements

Supported operation systems

- Windows XP (x86) with Service Pack 3 - all editions except Starter Edition
- Windows Vista (x86 & x64) with Service Pack 2 - all editions except Starter Edition
- Windows 7 (x86 & x64)
- Windows Server 2003 (x86 & x64) with Service Pack 2
- Windows Server 2003 R2 (x86 & x64)
- Windows Server 2008 (x86 & x64) with Service Pack 2
- Windows Server 2008 R2 (x64)

Applications:

- Visual Studio C# 2010 Express Edition



3. Settings

1. Download source code from CodePlex: <http://vtfc.codeplex.com/SourceControl/list/changesets>
2. Extract file in your local file system, under c:\Sources\VTFC directory
3. Install c:\Sources\VTFC\Tools\MSBuild.Community.Tasks.msi
4. Install SandcastleInstaller.exe from c:\Sources\VTFC\Tools\SHFBGuidedInstallation_1930.zip
 - a. Sandcastle should be installed to c:\Sources\Sandcastle\,
 - b. or you should edit c:\Sources\VTFC\Build\sandcastle.config configuration file.
5. Open your environment variables path and add the “c:\Program Files\HTML Help Workshop”
6. Open source: c:\Sources\VTFC\Source\VTFC.sln



4. Introduce structure of source

| Directory path | Description |
|-------------------------|--|
| c:\Sources\VTFC\Build\ | Contains msbuild targets and commands. |
| c:\Sources\VTFC\Docs\ | Project documents. |
| c:\Sources\VTFC\Images\ | Used images and icons. |
| c:\Sources\VTFC\Inc\ | Contains common AssemblyInfo and the strong key. |
| c:\Sources\VTFC\Source\ | All sources. |
| c:\Sources\VTFC\Tools\ | Foreign tool applications. |



5. Create a build

To build VTFC, follow instructions below:

1. Open `c:\Sources\VTFC\Build\Build.cmd` and set /t attribute:
 - a. Build: builds VTFC application or,
 - b. BuildAndDocs: builds VTFC application and generate documentation in format “chm”.
2. Build components can be found at “`c:\Sources\VTFC\Build\Current\`”; content details in table, below.

| Directory path | Description |
|--|--|
| <code>c:\Sources\VTFC\Build\Current\Docs\</code> | VTFC documentation temp. |
| <code>c:\Sources\VTFC\Build\Current\VTFC\Bin\</code> | Contains native application binaries. |
| <code>c:\Sources\VTFC\Build\Current\VTFC\Docs\</code> | Contains documentation for developers. |
| <code>c:\Sources\VTFC\Build\Current\VTFC\Setup\</code> | Contains VTFC setup. |