VsTestRunner Plugin

Plugin Information
View VSTest Runner on the plugin site for more information.

This plugin allow you to execute test using VsTest command line tool.

Description

This plugin allow you to execute test using VsTest command line tool.
VSTest are test classes for .NET framework which are integrated into Visual Studio.

Configuration

System configuration

VSTest

VSTest installations		
	Add VSTest	
	VSTest	
	Name	VSTest(12.0)
	Path to VSTest	C:\Program Files (x86)\Microsoft Visual Studio 14.0\Common7\IDE\CommonExtensions\Microsoft\TestWindow\vstest.console.exe
		⚠ **C:\Program Files (x86)\Microsoft Visual Studio 14.0\Common7\IDE\CommonExtensions\Microsoft\TestWindow\vstest.console.exe is not a directory on the Jenkins master (but perhaps it exists on some agents)**
	☐ Install automatically	
		Delete VSTest
	Add VSTest	
	List of VSTest installations on this system	

1. Open the system configuration page "Manage JenkinsGlobal Tool Configuration"
2. Enter the path to the VsTest command line client, that should be used by Jenkins.

- The path location is as instance: C:\Program Files (x86)\Microsoft Visual Studio 14.0\Common7\IDE\CommonExtensions\Microsoft\TestWindow\vstest.console.exe.

Job configuration

name	description
VsTest Version	Select VsTest Version.
Test Files	Specify the path to your VsTest compiled assemblies. You can specify multiple test assemblies by separating them with new-line or space.
Settings File	Run tests with additional settings such as data collectors.
Test Name	Run tests with names that match the provided values. To provide multiple values, separate them by commas.
Test Case Filter	Run tests that match the given expression. <Expression> is of the format <property>=<value>VsTestRunner Plugin.
Enable Code Coverage	Enables data diagnostic adapter CodeCoverage in the test run.
InIsolation	Runs the tests in an isolated process.
Use Vsix Extensions	This makes vstest.console.exe process use or skip the VSIX extensions installed (if any) in the test run.
Use VS 2017 or Later	This makes changes to the arguments passed to the VS Test Agent in order to ensure compatibility with the latest version.
Platform	Target platform architecture to be used for test execution.
.NET Framework Version	Target .NET Framework version to be used for test execution.
Specify a logger for test results.	Specify a logger for test results. For example, to log results into a Visual Studio Test Results File (TRX) use /Logger:trx.
Command Line Arguments	This is a whitespace separated list of command line arguments you can specify. These can be the same as if you were to run VsTest from the command line.
Fail build on test failure	Fail build on test failure

Changelog

Version 1.0.5 (10/24/2017)

- To be updated with description of changes and links to the resolved issues.

Version 1.0.4 (08/31/2014)

- Make trx and coverage files paths available to further build steps in VSTestRunner plugin. (JENKINS-22450)(Pull Requests #2)

Version 1.0.3 (10/21/2013)

- Changed to extend BuildStepDescriptor. (Pull Requests #1)

Version 1.0.2 (07/24/2013)

- Supports Jenkins variable.
  I can be used in the following items.
    - Test Files
    - Settings File
    - Test Name
    - Test Case Filter
    - Command Line Arguments

- I Fixed a bug that was not used by the "Command Line Arguments".

Version 1.0.1 (03/09/2013)

Mod default value.

- Plaform Field: None
- .NET Framework Version Field: None
- Specify a logger for test results. Field: trx

Version 1.0.0 (01/29/2013)

Initial release.