

# MSTest Action

The Run MSTest action allows you to run tests created with the Visual Studio MSTest framework.

Run MSTest


General

Runtime

Tests



Options

Publish Results




Test source:


Test container file(s) or assembly(s):



C:\Projects\SimpleProject\Tests\UnitTests.dll

Test metadata file:





Tests to run:

☐ Specify tests:

☐ Specify test lists:

(Separate multiple tests or test lists with commas.)

OK

Cancel

Help

The screenshot shows the 'Run MSTest' dialog box with the 'Options' tab selected. The dialog has a title bar with a close button (X) and a tab bar with 'General', 'Runtime', 'Tests', 'Options', and 'Publish Results'. The 'Options' tab contains two sections: 'MSTest options' and 'MSTest version'. The 'MSTest options' section has three text boxes for 'Starting directory', 'Run configuration file', and 'Results file path', each with a folder icon to its right. Below these is a checkbox labeled 'Show banner at startup'. The 'MSTest version' section has a 'Version' label and a dropdown menu currently showing 'Visual Studio.NET 2013'. At the bottom are 'OK', 'Cancel', and 'Help' buttons.

**Run MSTest**

General Runtime Tests **Options** Publish Results

**MSTest options**

Starting directory

Run configuration file

Results file path

☐ Show banner at startup

**MSTest version**

Version

Visual Studio.NET 2013

OK Cancel Help

## Tests

### Test Source

You can choose to load tests from either an assembly containing tests or a test metadata file. A test metadata file is an XML file which is created when you use Test Manager to create tests for a Visual Studio solution file.

#### Test metadata file

### Tests to Run

By default, all tests in the container/metadata file are executed. Optionally, you can specify one or more test names or one or more test list names to run. Test lists only apply when running tests from a test metadata file.

#### Specify tests

#### Specify test lists

## Options

### MSTest options

#### Starting directory

#### Run Configuration File

You can optionally specify a .testrunconfig file containing test run configuration details.

## Results file path

You can optionally specify a .TRX results file path for the result details. This file can be opened and viewed in Visual Studio.

## Show banner at startup

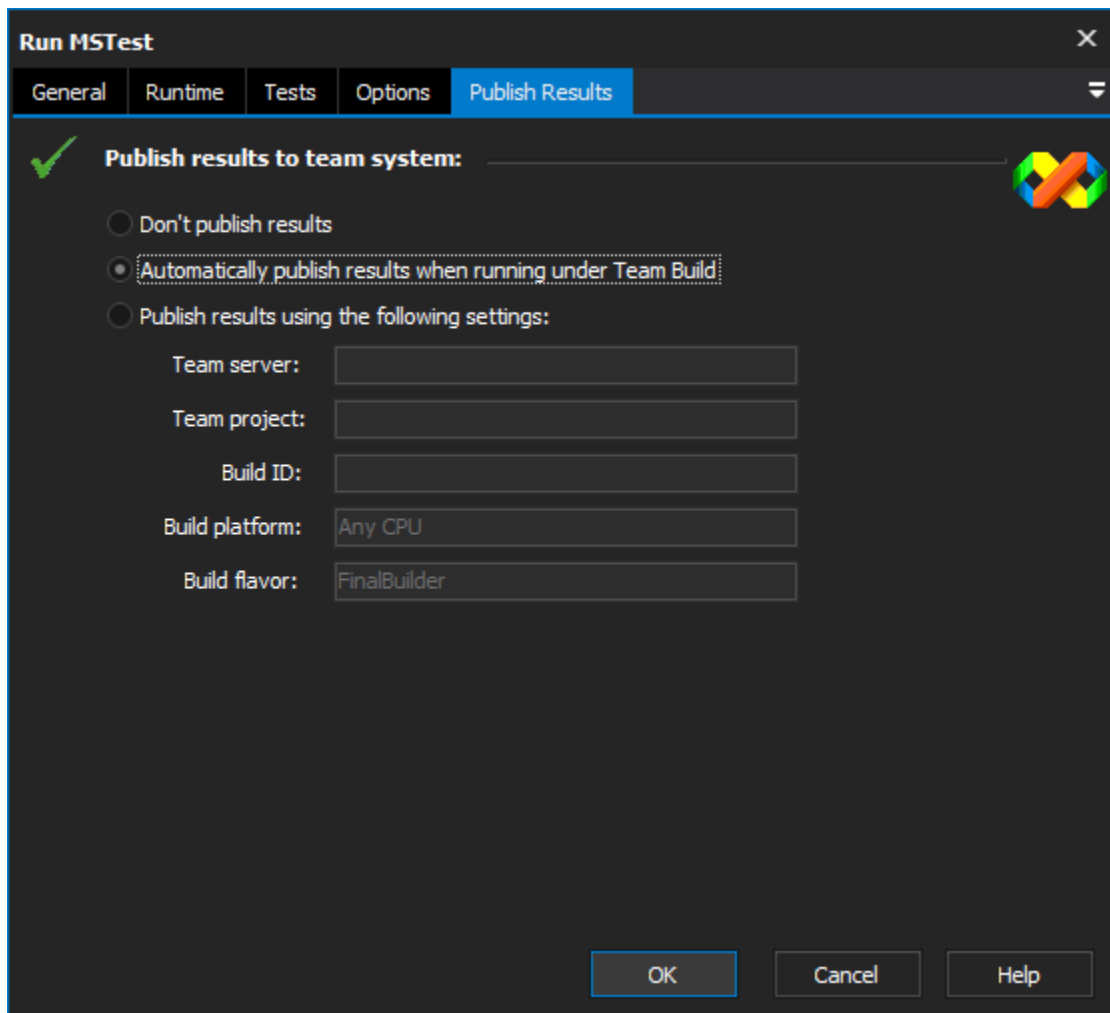
If this option is enabled, the MSTest banner will be logged when the action is run.

## MSTest Version

Choose the applicable version of MSTest for your Visual Studio version. The Run MSTest action uses the path to Visual Studio given under Tools -> Options -> Visual Studio.NET.

There is also the option to choose "Standalone MSTest" version, if your copy of MSTest is not installed as part of a Visual Studio installation. The standalone path is also set from the Visual Studio options.

## Publish Results



The screenshot shows the 'Run MSTest' dialog box with the 'Publish Results' tab selected. The dialog has a title bar with a close button (X) and a tab bar with 'General', 'Runtime', 'Tests', 'Options', and 'Publish Results'. The 'Publish Results' tab contains a green checkmark icon and the text 'Publish results to team system:'. Below this, there are three radio button options: 'Don't publish results', 'Automatically publish results when running under Team Build' (which is selected), and 'Publish results using the following settings:'. Under the third option, there are five text input fields: 'Team server:', 'Team project:', 'Build ID:', 'Build platform:' (with 'Any CPU' entered), and 'Build flavor:' (with 'FinalBuilder' entered). At the bottom right, there are three buttons: 'OK', 'Cancel', and 'Help'.

## Publish results to team system

### Don't publish

### Automatically publish results when running under Team Build

### Publish results using the following settings

The options on the "Publish Results" are for publishing test results to a Team Foundation Server. By default, results are automatically published, but only if FinalBuilder detects it is being run as part of a [Team Build process](#).

Alternatively, you can choose "Don't publish results" to never publish results to TFS.

Finally, you can optionally specify explicit settings to have results published to a specific TFS server, for a particular team project and team build ID.