## TfsBuildExtensions.Activities Namespace

Send Feedback

### **■ Classes**

	Class	Description
<b>9</b> \$	BaseCodeActivity	Provides a base class to all Activities which support remoting
<b>9</b> \$	BaseRemoteCodeActivity	Provides a base class to all Activities which support remoting

#### BaseCodeActivity Class

Members See Also Send Feedback

Provides a base class to all Activities which support remoting

Namespace: <u>TfsBuildExtensions.Activities</u>

**Assemblies:** TfsBuildExtensions.Activities.ILMerge (in

TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)

TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll) Version:

### **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity

TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.Framework,ILMerge

BaseCodeActivity Members
TfsBuildExtensions.Activities Namespace

-

TFS Build Extensions Help (v1.0.0.6)

#### BaseCodeActivity Members

BaseCodeActivity Class Properties See Also Send Feedback

The **BaseCodeActivity** type exposes the following members.

## **■ Properties**

	Name	Description
	<u>FailBuildOnError</u>	Set to true to fail the build if the activity logs any errors. Default is false
iii	<u>IgnoreExceptions</u>	Set to true to ignore any unhandled exceptions thrown by activities. Default is false
	LogExceptionStack	Set to true to log the entire stack in the event of an exception. Default is true
	<u>TreatWarningsAsErrors</u>	Set to true to fail the build if the activity logs any errors. Default is false

# BaseCodeActivity Class TfsBuildExtensions.Activities Namespace

#### BaseCodeActivity Properties

BaseCodeActivity Class See Also Send Feedback

The BaseCodeActivity type exposes the following members.

## **■ Properties**

	Name	Description
	<u>FailBuildOnError</u>	Set to true to fail the build if the activity logs any errors. Default is false
iii	<u>IgnoreExceptions</u>	Set to true to ignore any unhandled exceptions thrown by activities. Default is false
	LogExceptionStack	Set to true to log the entire stack in the event of an exception. Default is true
	<u>TreatWarningsAsErrors</u>	Set to true to fail the build if the activity logs any errors. Default is false

# BaseCodeActivity Class TfsBuildExtensions.Activities Namespace

#### BaseCodeActivity.FailBuildOnError Property

BaseCodeActivity Class See Also Send Feedback

Set to true to fail the build if the activity logs any errors. Default is false

Namespace: <u>TfsBuildExtensions.Activities</u>

**Assemblies:** TfsBuildExtensions.Activities.ILMerge (in

TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)

TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll) Version:

BaseCodeActivity Class
TfsBuildExtensions.Activities Namespace

#### BaseCodeActivity.IgnoreExceptions Property

BaseCodeActivity Class See Also Send Feedback

Set to true to ignore any unhandled exceptions thrown by activities. Default is false

Namespace: <u>TfsBuildExtensions.Activities</u>

Assemblies: TfsBuildExtensions.Activities.ILMerge (in

TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)

TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll) Version:

BaseCodeActivity Class
TfsBuildExtensions.Activities Namespace

#### BaseCodeActivity.LogExceptionStack Property

BaseCodeActivity Class See Also Send Feedback

Set to true to log the entire stack in the event of an exception. Default is true

Namespace: <u>TfsBuildExtensions.Activities</u>

**Assemblies:** TfsBuildExtensions.Activities.ILMerge (in

TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)

TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll) Version:

BaseCodeActivity Class
TfsBuildExtensions.Activities Namespace

#### BaseCodeActivity.TreatWarningsAsErrors Property

BaseCodeActivity Class See Also Send Feedback

Set to true to fail the build if the activity logs any errors. Default is false

Namespace: <u>TfsBuildExtensions.Activities</u>

**Assemblies:** TfsBuildExtensions.Activities.ILMerge (in

TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)

TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll) Version:

BaseCodeActivity Class
TfsBuildExtensions.Activities Namespace

#### BaseRemoteCodeActivity Class

Members See Also Send Feedback

Provides a base class to all Activities which support remoting

Namespace: <u>TfsBuildExtensions.Activities</u>

Assemblies: TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll) Version:

#### **■ Inheritance Hierarchy**

<u>System.Object</u> <u>System.Activities.Activity</u> <u>System.Activities.CodeActivity</u>

## TfsBuildExtensions.Activities.BaseRemoteCodeActivity

TfsBuildExtensions.Activities.Web,Iis7Application

TfsBuildExtensions.Activities.Web,Iis7AppPool

 $\underline{TfsBuildExtensions.Activities.Web\_Iis7Binding}$ 

TfsBuildExtensions.Activities.Web.Iis7Website

BaseRemoteCodeActivity Members
TfsBuildExtensions.Activities Namespace

### $BaseRemoteCodeActivity\ Members$

BaseRemoteCodeActivity Class Properties See Also Send Feedback

The <u>BaseRemoteCodeActivity</u> type exposes the following members.

# **■ Properties**

Name	Description
AuthenticationLevel	Sets the authentication level to be used to connect to WMI. Default is Default. Also supports: Call, Connect, None, Packet, PacketIntegrity, PacketPrivacy, Unchanged
Authority	Sets the authority to be used to authenticate the specified user.
FailBuildOnError	Set to true to fail the build if the activity logs any errors. Default is false
IgnoreExceptions	Set to true to ignore any unhandled exceptions thrown by activities. Default is false
LogExceptionStack	Set to true to log the entire stack in the event of an exception. Default is false
<u>MachineName</u>	Sets the MachineName. Defaults to Environment.MachineName
<u>TreatWarningsAsErrors</u>	Set to true to fail the build if the activity logs any errors. Default is false
<u>UserName</u>	Sets the UserName
<u>UserPassword</u>	Sets the UserPassword.

# BaseRemoteCodeActivity Class TfsBuildExtensions.Activities Namespace

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### BaseRemoteCodeActivity Properties

TFS Build Extensions Help (v1.0.0.6)

BaseRemoteCodeActivity Class See Also Send Feedback

The <a href="mailto:BaseRemoteCodeActivity">BaseRemoteCodeActivity</a> type exposes the following members.

# **■ Properties**

Name	Description
AuthenticationLevel	Sets the authentication level to be used to connect to WMI. Default is Default. Also supports: Call, Connect, None, Packet, PacketIntegrity, PacketPrivacy, Unchanged
Authority	Sets the authority to be used to authenticate the specified user.
FailBuildOnError	Set to true to fail the build if the activity logs any errors. Default is false
IgnoreExceptions	Set to true to ignore any unhandled exceptions thrown by activities. Default is false
LogExceptionStack	Set to true to log the entire stack in the event of an exception. Default is false
<u>MachineName</u>	Sets the MachineName. Defaults to Environment.MachineName
<u>TreatWarningsAsErrors</u>	Set to true to fail the build if the activity logs any errors. Default is false
<u>UserName</u>	Sets the UserName
<u>UserPassword</u>	Sets the UserPassword.

# BaseRemoteCodeActivity Class TfsBuildExtensions.Activities Namespace

#### BaseRemoteCodeActivity.AuthenticationLevel Property

BaseRemoteCodeActivity Class See Also Send Feedback

Sets the authentication level to be used to connect to WMI. Default is Default. Also supports: Call, Connect, None, Packet, PacketIntegrity, PacketPrivacy, Unchanged

Namespace: <u>TfsBuildExtensions.Activities</u>

Assemblies: TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll) Version:

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

#### BaseRemoteCodeActivity.Authority Property

BaseRemoteCodeActivity Class See Also Send Feedback

Sets the authority to be used to authenticate the specified user.

Namespace: <u>TfsBuildExtensions.Activities</u>

Assemblies: TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll) Version:

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

#### BaseRemoteCodeActivity.FailBuildOnError Property

BaseRemoteCodeActivity Class See Also Send Feedback

Set to true to fail the build if the activity logs any errors. Default is false

Namespace: <u>TfsBuildExtensions.Activities</u>

Assemblies: TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

 $Tfs Build Extensions. Activities\ (in\ Tfs Build Extensions. Activities. dll)\ Version:$ 

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

#### BaseRemoteCodeActivity.IgnoreExceptions Property

BaseRemoteCodeActivity Class See Also Send Feedback

Set to true to ignore any unhandled exceptions thrown by activities. Default is false

Namespace: <u>TfsBuildExtensions.Activities</u>

Assemblies: TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll) Version:

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

#### BaseRemoteCodeActivity.LogExceptionStack Property

BaseRemoteCodeActivity Class See Also Send Feedback

Set to true to log the entire stack in the event of an exception. Default is false

Namespace: <u>TfsBuildExtensions.Activities</u>

Assemblies: TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll) Version:

1.0.0.0 (1.0.0.6)

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

#### BaseRemoteCodeActivity.MachineName Property

BaseRemoteCodeActivity Class See Also Send Feedback

Sets the MachineName. Defaults to Environment.MachineName

Namespace: <u>TfsBuildExtensions.Activities</u>

Assemblies: TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll) Version:

1.0.0.0 (1.0.0.6)

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

#### BaseRemoteCodeActivity.TreatWarningsAsErrors Property

BaseRemoteCodeActivity Class See Also Send Feedback

Set to true to fail the build if the activity logs any errors. Default is false

Namespace: <u>TfsBuildExtensions.Activities</u>

Assemblies: TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll) Version:

1.0.0.0 (1.0.0.6)

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

#### BaseRemoteCodeActivity.UserName Property

BaseRemoteCodeActivity Class See Also Send Feedback

#### Sets the UserName

Namespace: <u>TfsBuildExtensions.Activities</u>

Assemblies: TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll) Version:

1.0.0.0 (1.0.0.6)

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

#### BaseRemoteCodeActivity.UserPassword Property

BaseRemoteCodeActivity Class See Also Send Feedback

Sets the UserPassword.

Namespace: <u>TfsBuildExtensions.Activities</u>

Assemblies: TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll) Version:

1.0.0.0 (1.0.0.6)

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

### $Tfs Build Extensions. Activities. Code Quality\ Names pace$

Send Feedback

#### **■ Classes**

	Class	Description
43	CodeMetrics	Activity for processing code metrics using the Visual Studio Code Metrics PowerTool 10.0 (http://www.microsoft.com/downloads/en/details.aspx? FamilyID=edd1dfb0-b9fe-4e90-b6a6-5ed6f6f6e615)

# 

#### **■** Examples

#### **XML**

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#### **CodeMetrics Class**

Members See Also Send Feedback

Activity for processing code metrics using the Visual Studio Code Metrics PowerTool 10.0 (http://www.microsoft.com/downloads/en/details.aspx? FamilyID=edd1dfb0-b9fe-4e90-b6a6-5ed6f6f6e615)

#### **Examples**

**XML** Copy

<!-- Run Code Metrics for SampleApp.exe and SampleLib <tac:CodeMetrics FailBuildOnError="{x:Null}" TreatWar

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

#### **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.CodeQuality.CodeMetrics

<u>CodeMetrics Members</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

#### CodeMetrics Members

CodeMetrics Class Constructors Properties See Also Send Feedback

The **CodeMetrics** type exposes the following members.

#### **■ Constructors**

|          | Name               | Description |
|----------|--------------------|-------------|
| <b>≅</b> | <u>CodeMetrics</u> |             |

## **■ Properties**

| Name  | Description  |
|---|--|
| BinariesDirectory                                     | Path to where the binaries are placed  |
| CyclomaticComplexityErrorThreshold                    | Threshold value for what Cyclomatic Complexity should fail the build   |
| $\underline{Cyclomatic Complexity Warning Threshold}$ | Threshold value for what Cyclomatic Complexity should partially fail the build   |
| FilesToProcess  | Optional: Which files that should be processed. Can be a list of files or file match patterns. Defaults to *.dll;*.exe |
| <u>GeneratedFileName</u>                              | Optional: Name of the generated metrics result file. Should end with .xml  |
| MaintainabilityIndexErrorThreshold                    | Threshold value for what Maintainability Index should fail the build   |
| <u>MaintainabilityIndexWarningThreshold</u>           | Threshold value for what Maintainability Index should partially fail the build   |

<u>CodeMetrics Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

#### **CodeMetrics Constructor**

CodeMetrics Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.CodeQuality}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

<u>CodeMetrics Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

#### **CodeMetrics Properties**

CodeMetrics Class See Also Send Feedback

The **CodeMetrics** type exposes the following members.

## **■ Properties**

| Name  | Description  |
|---|--|
| BinariesDirectory                                     | Path to where the binaries are placed  |
| CyclomaticComplexityErrorThreshold                    | Threshold value for what Cyclomatic Complexity should fail the build   |
| $\underline{Cyclomatic Complexity Warning Threshold}$ | Threshold value for what Cyclomatic Complexity should partially fail the build   |
| FilesToProcess  | Optional: Which files that should be processed. Can be a list of files or file match patterns. Defaults to *.dll;*.exe |
| <u>GeneratedFileName</u>                              | Optional: Name of the generated metrics result file. Should end with .xml  |
| MaintainabilityIndexErrorThreshold                    | Threshold value for what Maintainability Index should fail the build   |
| <u>MaintainabilityIndexWarningThreshold</u>           | Threshold value for what Maintainability Index should partially fail the build   |

<u>CodeMetrics Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

#### CodeMetrics.BinariesDirectory Property

CodeMetrics Class See Also Send Feedback

Path to where the binaries are placed

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

<u>CodeMetrics Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

## CodeMetrics.CyclomaticComplexityErrorThreshold Property CodeMetrics Class See Also Send Feedback

Threshold value for what Cyclomatic Complexity should fail the build

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

<u>CodeMetrics Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

CodeMetrics.CyclomaticComplexityWarningThreshold Property
CodeMetrics Class See Also Send Feedback

Threshold value for what Cyclomatic Complexity should partially fail the build

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

<u>CodeMetrics Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

#### CodeMetrics.FilesToProcess Property

CodeMetrics Class See Also Send Feedback

Optional: Which files that should be processed. Can be a list of files or file match patterns. Defaults to \*.dll;\*.exe

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

<u>CodeMetrics Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

#### CodeMetrics.GeneratedFileName Property

CodeMetrics Class See Also Send Feedback

Optional: Name of the generated metrics result file. Should end with .xml

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

<u>CodeMetrics Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

# $Code Metrics. Maintain ability Index Error Threshold\ Property$

CodeMetrics Class See Also Send Feedback

Threshold value for what Maintainability Index should fail the build

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>CodeMetrics Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

# CodeMetrics.MaintainabilityIndexWarningThreshold Property <u>CodeMetrics Class See Also Send Feedback</u>

Threshold value for what Maintainability Index should partially fail the build

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>CodeMetrics Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

## NUnit Class

Members See Also Send Feedback

Executes Test Cases using NUnit (Tested using v2.5.7)

#### **Examples**

XML a Copy

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

## **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.CodeQuality.NUnit

NUnit Members
TfsBuildExtensions.Activities.CodeQuality Namespace

-

TFS Build Extensions Help (v1.0.0.6)

## NUnit Members

NUnit Class Constructors Properties See Also Send Feedback

The **NUnit** type exposes the following members.

## **■ Constructors**

|          | Name  | Description                             |
|----------|-------|---|
| <b>≡</b> | NUnit | Initializes a new instance of the NUnit |
|          |       | class                                   |

# **■ Properties**

| Name                   | Description  |
|------------------------|--|
| Assemblies             | The assemblies to process.   |
| Configuration          | Sets the Project configuration (e.g.: Debug) to load   |
| <u>Domain</u>          | AppDomain Usage for tests. Supports<br>None, Single, Multiple. The default is to<br>use multiple domains if multiple<br>assemblies are listed on the command<br>line. Otherwise a single domain is used. |
| <b>ErrorOutputFile</b> | Sets the File to receive test error output   |
| <u>Errors</u>          | Gets the Errors count  |
| ExcludeCategory        | Comma separated list of categories to exclude.   |
| <u>Failures</u>        | Gets the Failures count  |
| Flavor                 | Which flavor to publish test results for (ex. Debug)   |
| <u>Framework</u>       | Framework version to be used for tests   |
| <u>Ignored</u>         | Gets the Ignored count   |
| IncludeCategory        | Comma separated list of categories to include.   |
| <u>Inconclusive</u>    | Gets the Inconclusive count  |
| <u>Invalid</u>         | Gets the Invalid count   |
| <u>Labels</u>          | Label each test in stdOut. Default is false.   |
| NoShadow               | Disable shadow copy when running in separate domain. Default is false.   |
| NoThread               | Disable use of a separate thread for tests. Default is false.  |
| NotRun                 | Gets the NotRun count  |
| <u>OutputFile</u>      | File to receive test output  |
| <u>OutputXmlFile</u>   | Sets the OutputXmlFile name  |
| <u>Platform</u>        | Which platform to publish test results for (ex. Any CPU)   |

| <u>Process</u>            | Process model for tests. Supports Single,<br>Separate, Multiple. Single is the Default           |
|---------------------------|--|
| <u>PublishTestResults</u> | Set to true to publish test results back to TFS  |
| Run                       | Name of the test case(s), fixture(s) or namespace(s) to run                                      |
| Skipped                   | Gets the Skipped count   |
| <u>TestTimeout</u>        | Set timeout for each test case in milliseconds   |
| <u>TimeTaken</u>          | Gets the Time taken to run the tests   |
| <u>ToolPath</u>           | Gets or sets the ToolPath (defaults to %ProgramFiles%\Nunit {version}\bin\nunit-console[-86].exe |
| <u>Total</u>              | Gets the Total count   |
| <u>Use32Bit</u>           | Set to true to run nunit-console-x86.exe   |
| <u>Version</u>            | The version of NUnit to run. Default is 2.5.7  |

NUnit Class

TfsBuildExtensions.Activities.CodeQuality Namespace

#### **NUnit Constructor**

NUnit Class See Also Send Feedback

Initializes a new instance of the NUnit class

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

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TFS Build Extensions Help (v1.0.0.6)

## **NUnit Properties**

NUnit Class See Also Send Feedback

The **NUnit** type exposes the following members.

# **■ Properties**

| Name                   | Description  |
|------------------------|--|
| Assemblies             | The assemblies to process.   |
| Configuration          | Sets the Project configuration (e.g.: Debug) to load   |
| <u>Domain</u>          | AppDomain Usage for tests. Supports<br>None, Single, Multiple. The default is to<br>use multiple domains if multiple<br>assemblies are listed on the command<br>line. Otherwise a single domain is used. |
| <b>ErrorOutputFile</b> | Sets the File to receive test error output   |
| <u>Errors</u>          | Gets the Errors count  |
| ExcludeCategory        | Comma separated list of categories to exclude.   |
| <u>Failures</u>        | Gets the Failures count  |
| Flavor                 | Which flavor to publish test results for (ex. Debug)   |
| <u>Framework</u>       | Framework version to be used for tests   |
| <u>Ignored</u>         | Gets the Ignored count   |
| IncludeCategory        | Comma separated list of categories to include.   |
| <u>Inconclusive</u>    | Gets the Inconclusive count  |
| <u>Invalid</u>         | Gets the Invalid count   |
| <u>Labels</u>          | Label each test in stdOut. Default is false.   |
| NoShadow               | Disable shadow copy when running in separate domain. Default is false.   |
| NoThread               | Disable use of a separate thread for tests. Default is false.  |
| NotRun                 | Gets the NotRun count  |
| <u>OutputFile</u>      | File to receive test output  |
| <u>OutputXmlFile</u>   | Sets the OutputXmlFile name  |
| <u>Platform</u>        | Which platform to publish test results for (ex. Any CPU)   |

| <u>Process</u>            | Process model for tests. Supports Single,<br>Separate, Multiple. Single is the Default           |
|---------------------------|--|
| <u>PublishTestResults</u> | Set to true to publish test results back to TFS  |
| Run                       | Name of the test case(s), fixture(s) or namespace(s) to run                                      |
| Skipped                   | Gets the Skipped count   |
| <u>TestTimeout</u>        | Set timeout for each test case in milliseconds   |
| <u>TimeTaken</u>          | Gets the Time taken to run the tests   |
| <u>ToolPath</u>           | Gets or sets the ToolPath (defaults to %ProgramFiles%\Nunit {version}\bin\nunit-console[-86].exe |
| <u>Total</u>              | Gets the Total count   |
| <u>Use32Bit</u>           | Set to true to run nunit-console-x86.exe   |
| <u>Version</u>            | The version of NUnit to run. Default is 2.5.7  |

NUnit Class

TfsBuildExtensions.Activities.CodeQuality Namespace

## NUnit.Assemblies Property

NUnit Class See Also Send Feedback

The assemblies to process.

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.Configuration Property

NUnit Class See Also Send Feedback

Sets the Project configuration (e.g.: Debug) to load

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.Domain Property

NUnit Class See Also Send Feedback

AppDomain Usage for tests. Supports None, Single, Multiple. The default is to use multiple domains if multiple assemblies are listed on the command line. Otherwise a single domain is used.

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.ErrorOutputFile Property

NUnit Class See Also Send Feedback

Sets the File to receive test error output

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.Errors Property

NUnit Class See Also Send Feedback

#### Gets the Errors count

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.ExcludeCategory Property

NUnit Class See Also Send Feedback

Comma separated list of categories to exclude.

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.Failures Property

NUnit Class See Also Send Feedback

#### Gets the Failures count

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.CodeQuality}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.Flavor Property

NUnit Class See Also Send Feedback

Which flavor to publish test results for (ex. Debug)

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

### NUnit.Framework Property

NUnit Class See Also Send Feedback

Framework version to be used for tests

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.Ignored Property

NUnit Class See Also Send Feedback

### Gets the Ignored count

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

### NUnit.IncludeCategory Property

NUnit Class See Also Send Feedback

Comma separated list of categories to include.

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

### NUnit.Inconclusive Property

NUnit Class See Also Send Feedback

#### Gets the Inconclusive count

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.Invalid Property

NUnit Class See Also Send Feedback

#### Gets the Invalid count

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.Labels Property

NUnit Class See Also Send Feedback

Label each test in stdOut. Default is false.

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

### NUnit.NoShadow Property

NUnit Class See Also Send Feedback

Disable shadow copy when running in separate domain. Default is false.

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

### NUnit.NoThread Property

NUnit Class See Also Send Feedback

Disable use of a separate thread for tests. Default is false.

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.NotRun Property

NUnit Class See Also Send Feedback

#### Gets the NotRun count

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.CodeQuality}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

### NUnit.OutputFile Property

NUnit Class See Also Send Feedback

File to receive test output

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.OutputXmlFile Property

NUnit Class See Also Send Feedback

### $Sets\ the\ Output XmlFile\ name$

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.CodeQuality}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

### NUnit.Platform Property

NUnit Class See Also Send Feedback

Which platform to publish test results for (ex. Any CPU)

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.Process Property

NUnit Class See Also Send Feedback

Process model for tests. Supports Single, Separate, Multiple. Single is the Default

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.} \underline{Activities.} \underline{CodeQuality}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.PublishTestResults Property

NUnit Class See Also Send Feedback

Set to true to publish test results back to TFS

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.Run Property

NUnit Class See Also Send Feedback

Name of the test case(s), fixture(s) or namespace(s) to run

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

### NUnit.Skipped Property

NUnit Class See Also Send Feedback

# Gets the Skipped count

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

### NUnit.TestTimeout Property

NUnit Class See Also Send Feedback

Set timeout for each test case in milliseconds

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit.TimeTaken Property

NUnit Class See Also Send Feedback

Gets the Time taken to run the tests

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

### NUnit.ToolPath Property

NUnit Class See Also Send Feedback

Gets or sets the ToolPath (defaults to %ProgramFiles%\Nunit {version}\bin\nunit-console[-86].exe

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

### NUnit.Total Property

NUnit Class See Also Send Feedback

#### Gets the Total count

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

### NUnit.Use32Bit Property

NUnit Class See Also Send Feedback

Set to true to run nunit-console-x86.exe

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

#### NUnit. Version Property

NUnit Class See Also Send Feedback

The version of NUnit to run. Default is 2.5.7

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

**NUnit Class** 

TfsBuildExtensions.Activities.CodeQuality Namespace

### StyleCop Class

Members Example See Also Send Feedback

Wraps the StyleCopConsole class to provide a mechanism for scanning files for StyleCop compliance.

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u> **Assembly:** TfsBuildExtensions.Activities.StyleCop (in

### **■ Examples**

**XML** Copy

```
<Sequence DisplayName="TFSBuildExtensions StyleCop Se
<Sequence.Variables>
<Variable x:TypeArguments="x:Int32" Name="StyleCopVio
</Sequence.Variables>
<tac1:StyleCop AdditionalAddInPaths="{x:Null}" CacheR
</Sequence>
```

## **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.CodeQuality.StyleCop

<u>StyleCop Members</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

## StyleCop Members

StyleCop Class Constructors Properties See Also Send Feedback

The **StyleCop** type exposes the following members.

## **■ Constructors**

|          | Name     | Description |
|----------|----------|-------------|
| <b>=</b> | StyleCop |             |

# **■ Properties**

| Name                                   | Description  |
|--|--|
| <u>AdditionalAddInPaths</u>            | Set the location of any custom addins  |
| CacheResults                           | Sets a value indicating whether<br>StyleCop should write cache<br>files to disk after performing an<br>analysis. Default is false. |
| <u>ForceFullAnalysis</u>               | Sets a value indicating whether<br>StyleCop should ignore cached<br>results and perform a clean<br>analysis.                       |
| LogFile                                | Sets the text log file that list the violation   |
| MaximumViolationCount                  | Sets the maximum violation count before scanning is halted.  |
| <u>SettingsFile</u>                    | Sets the path to the settings file that defines the rules  |
| ShowOutput                             | Sets a value indicating whether<br>to show names of files scanned<br>to the build log  |
| SourceFiles                            | Sets the source files path or list of specific files   |
| Succeeded                              | Gets whether the scan succeeded.   |
| <u>TreatViolationsErrorsAsWarnings</u> | Set to true to treat all stylecop violations as warnings   |
| ViolationCount                         | Gets the number of violations found.   |
| <u>XmlOutputFile</u>                   | Sets the name for the XML log<br>file produced by the StyleCop<br>runner   |

StyleCop Class

TfsBuildExtensions.Activities.CodeQuality Namespace

### StyleCop Constructor

StyleCop Class See Also Send Feedback

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u> **Assembly:** TfsBuildExtensions.Activities.StyleCop (in

<u>StyleCop Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

## StyleCop Properties

StyleCop Class See Also Send Feedback

The **StyleCop** type exposes the following members.

# **■ Properties**

| Name                                   | Description  |
|--|--|
| <u>AdditionalAddInPaths</u>            | Set the location of any custom addins  |
| CacheResults                           | Sets a value indicating whether<br>StyleCop should write cache<br>files to disk after performing an<br>analysis. Default is false. |
| <u>ForceFullAnalysis</u>               | Sets a value indicating whether<br>StyleCop should ignore cached<br>results and perform a clean<br>analysis.                       |
| LogFile                                | Sets the text log file that list the violation   |
| MaximumViolationCount                  | Sets the maximum violation count before scanning is halted.  |
| <u>SettingsFile</u>                    | Sets the path to the settings file that defines the rules  |
| ShowOutput                             | Sets a value indicating whether<br>to show names of files scanned<br>to the build log  |
| SourceFiles                            | Sets the source files path or list of specific files   |
| Succeeded                              | Gets whether the scan succeeded.   |
| <u>TreatViolationsErrorsAsWarnings</u> | Set to true to treat all stylecop violations as warnings   |
| ViolationCount                         | Gets the number of violations found.   |
| <u>XmlOutputFile</u>                   | Sets the name for the XML log<br>file produced by the StyleCop<br>runner   |

StyleCop Class

TfsBuildExtensions.Activities.CodeQuality Namespace

### StyleCop.AdditionalAddInPaths Property

StyleCop Class See Also Send Feedback

Set the location of any custom addins

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u> **Assembly:** TfsBuildExtensions.Activities.StyleCop (in

<u>StyleCop Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

### StyleCop.CacheResults Property

StyleCop Class See Also Send Feedback

Sets a value indicating whether StyleCop should write cache files to disk after performing an analysis. Default is false.

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u> **Assembly:** TfsBuildExtensions.Activities.StyleCop (in

<u>StyleCop Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

### StyleCop.ForceFullAnalysis Property

StyleCop Class See Also Send Feedback

Sets a value indicating whether StyleCop should ignore cached results and perform a clean analysis.

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u> **Assembly:** TfsBuildExtensions.Activities.StyleCop (in

<u>StyleCop Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

### StyleCop.LogFile Property

StyleCop Class See Also Send Feedback

Sets the text log file that list the violation

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u> **Assembly:** TfsBuildExtensions.Activities.StyleCop (in

<u>StyleCop Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

### StyleCop.MaximumViolationCount Property

StyleCop Class See Also Send Feedback

Sets the maximum violation count before scanning is halted.

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u> **Assembly:** TfsBuildExtensions.Activities.StyleCop (in

<u>StyleCop Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

### StyleCop.SettingsFile Property

StyleCop Class See Also Send Feedback

Sets the path to the settings file that defines the rules

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u> **Assembly:** TfsBuildExtensions.Activities.StyleCop (in

<u>StyleCop Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

### StyleCop.ShowOutput Property

StyleCop Class See Also Send Feedback

Sets a value indicating whether to show names of files scanned to the build log

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u> **Assembly:** TfsBuildExtensions.Activities.StyleCop (in

<u>StyleCop Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

### StyleCop.SourceFiles Property

StyleCop Class See Also Send Feedback

Sets the source files path or list of specific files

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u> **Assembly:** TfsBuildExtensions.Activities.StyleCop (in

<u>StyleCop Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

## StyleCop.Succeeded Property

StyleCop Class See Also Send Feedback

Gets whether the scan succeeded.

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u> **Assembly:** TfsBuildExtensions.Activities.StyleCop (in

TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)

<u>StyleCop Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

## $Style Cop. Treat Violations Errors As Warnings\ Property$

StyleCop Class See Also Send Feedback

Set to true to treat all stylecop violations as warnings

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u> **Assembly:** TfsBuildExtensions.Activities.StyleCop (in

TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)

<u>StyleCop Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

### StyleCop.ViolationCount Property

StyleCop Class See Also Send Feedback

Gets the number of violations found.

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u> **Assembly:** TfsBuildExtensions.Activities.StyleCop (in

TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)

<u>StyleCop Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

### StyleCop.XmlOutputFile Property

StyleCop Class See Also Send Feedback

Sets the name for the XML log file produced by the StyleCop runner

Namespace: <u>TfsBuildExtensions.Activities.CodeQuality</u> **Assembly:** TfsBuildExtensions.Activities.StyleCop (in

TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)

<u>StyleCop Class</u> <u>TfsBuildExtensions.Activities.CodeQuality Namespace</u>

# TfsBuildExtensions.Activities.Communication Namespace

Send Feedback

## **■ Classes**

|             | Class        | Description  |
|-------------|--------------|--|
| <b>4</b> \$ | <u>Email</u> | Valid Actions are:   |
|             |              | Send (Required: SmtpServer, MailFrom, MailTo, Subject Optional: Priority, Body, Format, Attachments, UseDefaultCredentials, UserName, UserPassword, Port, EnableSsl) |

## **■ Enumerations**

| Enumeration        | Description |
|--------------------|-------------|
| <b>EmailAction</b> | EmailAction |
|                    |             |

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#### **Email Class**

Members Example See Also Send Feedback

#### **Valid Actions are:**

*Send* (**Required:** SmtpServer, MailFrom, MailTo, Subject **Optional:** Priority, Body, Format, Attachments, UseDefaultCredentials, UserName, UserPassword, Port, EnableSsl)

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

### **■ Examples**

XML © Copy

## **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity

TfsBuildExtensions.Activities.Communication.Email

**Email Members** 

TfsBuildExtensions.Activities.Communication Namespace

-

TFS Build Extensions Help (v1.0.0.6)

## **Email Members**

Email Class Constructors Properties See Also Send Feedback

The **Email** type exposes the following members.

## **■ Constructors**

|          | Name         | Description |
|----------|--------------|-------------|
| <b>=</b> | <u>Email</u> |             |

# **■ Properties**

| Name                         | Description   |
|------------------------------|---|
| Action                       | Specifies the action to perform. Default is Send.   |
| Attachments                  | An Item Collection of full paths of files to attach to the email.   |
| Body                         | The body of the email.  |
| <u>EnableSsl</u>             | Sets whether to EnableSsl   |
| Format                       | Sets the format of the email. Default is HTML   |
| <u>MailFrom</u>              | The email address to send the email from.   |
| <u>MailTo</u>                | Sets the Item Collection of email address to send the email to.   |
| <u>Port</u>                  | Sets the port to use. Ignored if not specified.   |
| <u>Priority</u>              | The priority of the email. Default is Normal  |
| <u>SmtpServer</u>            | The SMTP server to use to send the email.   |
| Subject                      | The subject of the email.   |
| <u>UseDefaultCredentials</u> | Gets or sets a Boolean value that controls whether the DefaultCredentials are sent with requests. DefaultCredentials represents the system credentials for the current security context in which the application is running. Default is true. |
|                              | If UserName and UserPassword is supplied, this is set to false. If UserName and UserPassword are not supplied and this is set to false then mail is sent to the server anonymously.   |
|                              | If you provide credentials for basic authentication, they are sent to the server in clear text. This can present a  |

|                     | security issue because your credentials can be seen, and then used by others. |
|---------------------|---|
| <u>UserName</u>     | Sets the UserName if SmtpClient requires credentials                          |
| <u>UserPassword</u> | Sets the UserPassword if SmtpClient requires credentials                      |

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

### **Email Constructor**

Email Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.Communication}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

-

TFS Build Extensions Help (v1.0.0.6)

## **Email Properties**

Email Class See Also Send Feedback

The **Email** type exposes the following members.

# **■ Properties**

| Name                         | Description   |
|------------------------------|---|
| Action                       | Specifies the action to perform. Default is Send.   |
| Attachments                  | An Item Collection of full paths of files to attach to the email.   |
| Body                         | The body of the email.  |
| <u>EnableSsl</u>             | Sets whether to EnableSsl   |
| Format                       | Sets the format of the email. Default is HTML   |
| <u>MailFrom</u>              | The email address to send the email from.   |
| <u>MailTo</u>                | Sets the Item Collection of email address to send the email to.   |
| <u>Port</u>                  | Sets the port to use. Ignored if not specified.   |
| <u>Priority</u>              | The priority of the email. Default is Normal  |
| <u>SmtpServer</u>            | The SMTP server to use to send the email.   |
| Subject                      | The subject of the email.   |
| <u>UseDefaultCredentials</u> | Gets or sets a Boolean value that controls whether the DefaultCredentials are sent with requests. DefaultCredentials represents the system credentials for the current security context in which the application is running. Default is true. |
|                              | If UserName and UserPassword is supplied, this is set to false. If UserName and UserPassword are not supplied and this is set to false then mail is sent to the server anonymously.   |
|                              | If you provide credentials for basic authentication, they are sent to the server in clear text. This can present a  |

|                     | security issue because your credentials can be seen, and then used by others. |
|---------------------|---|
| <u>UserName</u>     | Sets the UserName if SmtpClient requires credentials                          |
| <u>UserPassword</u> | Sets the UserPassword if SmtpClient requires credentials                      |

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

### **Email.** Action Property

Email Class See Also Send Feedback

Specifies the action to perform. Default is Send.

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

### Email.Attachments Property

Email Class See Also Send Feedback

An Item Collection of full paths of files to attach to the email.

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

### **Email.Body Property**

Email Class See Also Send Feedback

The body of the email.

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

## Email.EnableSsl Property

Email Class See Also Send Feedback

Sets whether to EnableSsl

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

### **Email.Format Property**

Email Class See Also Send Feedback

Sets the format of the email. Default is HTML

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

## Email.MailFrom Property

Email Class See Also Send Feedback

The email address to send the email from.

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

#### Email.MailTo Property

Email Class See Also Send Feedback

Sets the Item Collection of email address to send the email to.

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

#### **Email.Port Property**

Email Class See Also Send Feedback

Sets the port to use. Ignored if not specified.

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

#### **Email.Priority Property**

Email Class See Also Send Feedback

The priority of the email. Default is Normal

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

## Email.SmtpServer Property

Email Class See Also Send Feedback

The SMTP server to use to send the email.

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

#### **Email.Subject Property**

Email Class See Also Send Feedback

The subject of the email.

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

#### Email.UseDefaultCredentials Property

Email Class See Also Send Feedback

Gets or sets a Boolean value that controls whether the DefaultCredentials are sent with requests. DefaultCredentials represents the system credentials for the current security context in which the application is running. Default is true.

If UserName and UserPassword is supplied, this is set to false. If UserName and UserPassword are not supplied and this is set to false then mail is sent to the server anonymously.

If you provide credentials for basic authentication, they are sent to the server in clear text. This can present a security issue because your credentials can be seen, and then used by others.

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

#### Email.UserName Property

Email Class See Also Send Feedback

Sets the UserName if SmtpClient requires credentials

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

#### Email.UserPassword Property

Email Class See Also Send Feedback

Sets the UserPassword if SmtpClient requires credentials

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Email Class** 

TfsBuildExtensions.Activities.Communication Namespace

#### **EmailAction Enumeration**

See Also Send Feedback

#### EmailAction

Namespace: <u>TfsBuildExtensions.Activities.Communication</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

## **■ Members**

| Member name | <b>Value</b> | Description |
|-------------|--------------|-------------|
| Send        | 0            | Send        |

## TfsBuildExtensions.Activities.Communication Namespace

## TfsBuildExtensions.Activities.Compression Namespace

Send Feedback

## **■ Classes**

|   | Class | Description  |
|---|-------|--|
| 4 | Zip   | Valid Action values are:   |
|   |       | AddFiles ( <b>Required:</b> ZipFileName, CompressFiles or Path <b>Optional:</b> CompressionLevel, Password; RemoveRoot) Existing files will be updated |
|   |       | Create (Required: ZipFileName,<br>CompressFiles or Path Optional:<br>CompressionLevel, Password;<br>RemoveRoot)  |
|   |       | Extract ( <b>Required:</b> ZipFileName, ExtractPath <b>Optional:</b> Password)   |

## **■ Enumerations**

| Enumeration      | Description |
|------------------|-------------|
| <b>ZipAction</b> | ZipAction   |
| •                | •           |

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#### Zip Class

Members Example See Also Send Feedback

#### Valid Action values are:

*AddFiles* (**Required:** ZipFileName, CompressFiles or Path **Optional:** 

CompressionLevel, Password; RemoveRoot) Existing files will be updated

*Create* (**Required:** ZipFileName, CompressFiles or Path **Optional:** 

CompressionLevel, Password; RemoveRoot)

Extract (Required: ZipFileName, ExtractPath Optional: Password)

Namespace: <u>TfsBuildExtensions.Activities.Compression</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

## **Examples**

**XML** Sopy

<Sequence DisplayName="TFSBuildExtensions Zip Sequenc
<tac:Zip ExtractPath="{x:Null}" Files="{x:Null}" LogE
</Sequence>

## **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.Compression.Zip

Zip Members
TfsBuildExtensions.Activities.Compression Namespace

-

TFS Build Extensions Help (v1.0.0.6)

## Zip Members

Zip Class Constructors Properties See Also Send Feedback

The  $\underline{\text{Zip}}$  type exposes the following members.

## **■ Constructors**

|          | Name | Description |
|----------|------|-------------|
| <b>=</b> | Zip  |             |

# **■ Properties**

| Name                | Description   |
|---------------------|---|
| Action              | Specifies the action to perform   |
| CompressionLevel    | Sets the CompressionLevel to use. Default is Default, also supports BestSpeed and BestCompression   |
| <u>CompressPath</u> | Sets the Path to Zip.   |
| <u>ExtractPath</u>  | Path to extract the zip file to   |
| <u>Files</u>        | Sets the files to Compress  |
| <u>Password</u>     | Sets the Password to be used  |
| RemoveRoot          | Sets the root to remove from the zip path. Note that this should be part of the file to compress path, not the target path of the ZipFileName |
| <u>ZipFileName</u>  | Sets the name of the Zip File   |

Zip Class

TfsBuildExtensions.Activities.Compression Namespace

#### Zip Constructor

Zip Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.} \underline{Activities.} \underline{Compression}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Zip Class

<u>TfsBuildExtensions.Activities.Compression Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

## Zip Properties

Zip Class See Also Send Feedback

The  $\underline{\text{Zip}}$  type exposes the following members.

# **■ Properties**

| Name               | Description   |
|--------------------|---|
| Action             | Specifies the action to perform   |
| CompressionLevel   | Sets the CompressionLevel to use. Default is Default, also supports BestSpeed and BestCompression   |
| CompressPath       | Sets the Path to Zip.   |
| ExtractPath        | Path to extract the zip file to   |
| <u>Files</u>       | Sets the files to Compress  |
| <u>Password</u>    | Sets the Password to be used  |
| RemoveRoot         | Sets the root to remove from the zip path. Note that this should be part of the file to compress path, not the target path of the ZipFileName |
| <u>ZipFileName</u> | Sets the name of the Zip File   |

Zip Class

TfsBuildExtensions.Activities.Compression Namespace

#### Zip.Action Property

Zip Class See Also Send Feedback

#### Specifies the action to perform

Namespace: <u>TfsBuildExtensions.Activities.Compression</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Zip Class

<u>TfsBuildExtensions.Activities.Compression Namespace</u>

#### Zip.CompressionLevel Property

Zip Class See Also Send Feedback

Sets the CompressionLevel to use. Default is Default, also supports BestSpeed and BestCompression  $\,$ 

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.} \underline{Activities.} \underline{Compression}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Zip Class

<u>TfsBuildExtensions.Activities.Compression Namespace</u>

#### Zip.CompressPath Property

Zip Class See Also Send Feedback

Sets the Path to Zip.

Namespace: <u>TfsBuildExtensions.Activities.Compression</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Zip Class

<u>TfsBuildExtensions.Activities.Compression Namespace</u>

#### Zip.ExtractPath Property

Zip Class See Also Send Feedback

Path to extract the zip file to

Namespace: <u>TfsBuildExtensions.Activities.Compression</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Zip Class

<u>TfsBuildExtensions.Activities.Compression Namespace</u>

#### Zip.Files Property

Zip Class See Also Send Feedback

#### Sets the files to Compress

Namespace: <u>TfsBuildExtensions.Activities.Compression</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Zip Class

<u>TfsBuildExtensions.Activities.Compression Namespace</u>

#### **Zip.Password Property**

Zip Class See Also Send Feedback

#### Sets the Password to be used

Namespace: <u>TfsBuildExtensions.Activities.Compression</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Zip Class

<u>TfsBuildExtensions.Activities.Compression Namespace</u>

#### Zip.RemoveRoot Property

Zip Class See Also Send Feedback

Sets the root to remove from the zip path. Note that this should be part of the file to compress path, not the target path of the ZipFileName

Namespace: <u>TfsBuildExtensions.Activities.Compression</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Zip Class

<u>TfsBuildExtensions.Activities.Compression Namespace</u>

#### Zip.ZipFileName Property

Zip Class See Also Send Feedback

Sets the name of the Zip File

Namespace: <u>TfsBuildExtensions.Activities.Compression</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Zip Class

<u>TfsBuildExtensions.Activities.Compression Namespace</u>

#### ZipAction Enumeration

See Also Send Feedback

# ZipAction

Namespace: <u>TfsBuildExtensions.Activities.Compression</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Members**

| Member name | <b>Value</b> | Description |
|-------------|--------------|-------------|
| AddFiles    | 0            | AddFiles    |
| Create      | 1            | Create      |
| Extract     | 2            | Extract     |

# TfsBuildExtensions.Activities.Compression Namespace

# TfsBuildExtensions.Activities.FileSystem Namespace

Send Feedback

# **■ Classes**

|             | Class       | Description   |
|-------------|-------------|---|
| 43          | <u>File</u> | Valid Action values are:  |
|             |             | <i>AddAttributes</i> ( <b>Required:</b> Attributes, Files)  |
|             |             | GetChecksum ( <b>Required:</b> Path <b>Output:</b> Checksum)  |
|             |             | <pre>GetTempFileName (Output: Path)</pre>   |
|             |             | Move (Required: Path, TargetPath)   |
|             |             | <i>RemoveAttributes</i> ( <b>Required:</b> Attributes, Files)   |
|             |             | Replace (Required: RegexPattern Optional: Replacement, Path, TextEncoding, Files)   |
|             |             | <i>SetAttributes</i> ( <b>Required:</b> Attributes, Files)  |
| <b>9</b> \$ | RoboCopy    | This activity wraps RoboCopy. Successful non-zero exit codes from Robocopy. Use the ReturnCode property to access the exit code from Robocopy  Valid Action values are: |
|             |             | Сору  |

# **■ Enumerations**

| FileAction FileAction         |  |
|-------------------------------|--|
|                               |  |
| RoboCopyAction RoboCopyAction |  |

#### File Class

Members See Also Send Feedback

#### Valid Action values are:

*AddAttributes* (**Required:** Attributes, Files)

GetChecksum (Required: Path Output: Checksum)

GetTempFileName (Output: Path)

*Move* (**Required:** Path, TargetPath)

*RemoveAttributes* (**Required:** Attributes, Files)

Replace (Required: RegexPattern Optional: Replacement, Path, TextEncoding,

Files)

SetAttributes (Required: Attributes, Files)

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.FileSystem.File

File Members

<u>TfsBuildExtensions.Activities.FileSystem Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

#### File Members

File Class Constructors Properties See Also Send Feedback

The File type exposes the following members.

# **■ Constructors**

|          | Name        | Description |
|----------|-------------|-------------|
| <b>=</b> | <u>File</u> |             |

# **■ Properties**

| Name                | Description   |
|---------------------|---|
| Action              | Specifies the action to perform   |
| <u>Attributes</u>   | The File attributes   |
| Checksum            | Gets the file checksum  |
| Files               | An ItemList of files to process. If calling SetAttributes, RemoveAttributes or AddAttributes, include the attributes in an Attributes metadata tag, separated by a semicolon. |
| <u>Path</u>         | A path to process or get. Use * for recursive folder processing. For the GetChecksum TaskAction, this indicates the path to the file to create a checksum for.                |
| <u>RegexPattern</u> | Sets the regex pattern.   |
| Replacement         | The replacement text to use. Default is string.Empty  |
| <u>TargetPath</u>   | Sets the TargetPath for a renamed file  |
| TextEncoding        | The file encoding to write the new file in. The task will attempt to default to the current file encoding.  |

File Class

TfsBuildExtensions.Activities.FileSystem Namespace

#### File Constructor

File Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.FileSystem}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

File Class

<u>TfsBuildExtensions.Activities.FileSystem Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

#### File Properties

<u>File Class See Also Send Feedback</u>

The <u>File</u> type exposes the following members.

# **■ Properties**

| Name                | Description   |
|---------------------|---|
| Action              | Specifies the action to perform   |
| <u>Attributes</u>   | The File attributes   |
| Checksum            | Gets the file checksum  |
| Files               | An ItemList of files to process. If calling SetAttributes, RemoveAttributes or AddAttributes, include the attributes in an Attributes metadata tag, separated by a semicolon. |
| <u>Path</u>         | A path to process or get. Use * for recursive folder processing. For the GetChecksum TaskAction, this indicates the path to the file to create a checksum for.                |
| <u>RegexPattern</u> | Sets the regex pattern.   |
| Replacement         | The replacement text to use. Default is string.Empty  |
| <u>TargetPath</u>   | Sets the TargetPath for a renamed file  |
| TextEncoding        | The file encoding to write the new file in. The task will attempt to default to the current file encoding.  |

File Class

TfsBuildExtensions.Activities.FileSystem Namespace

### File.Action Property

File Class See Also Send Feedback

## Specifies the action to perform

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

File Class

<u>TfsBuildExtensions.Activities.FileSystem Namespace</u>

### File.Attributes Property

File Class See Also Send Feedback

#### The File attributes

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.FileSystem}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

File Class

<u>TfsBuildExtensions.Activities.FileSystem Namespace</u>

## File.Checksum Property

File Class See Also Send Feedback

#### Gets the file checksum

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

File Class

<u>TfsBuildExtensions.Activities.FileSystem Namespace</u>

### File.Files Property

File Class See Also Send Feedback

An ItemList of files to process. If calling SetAttributes, RemoveAttributes or AddAttributes, include the attributes in an Attributes metadata tag, separated by a semicolon.

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

File Class

<u>TfsBuildExtensions.Activities.FileSystem Namespace</u>

### File.Path Property

File Class See Also Send Feedback

A path to process or get. Use \* for recursive folder processing. For the GetChecksum TaskAction, this indicates the path to the file to create a checksum for.

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

File Class

<u>TfsBuildExtensions.Activities.FileSystem Namespace</u>

## File.RegexPattern Property

File Class See Also Send Feedback

Sets the regex pattern.

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

File Class

<u>TfsBuildExtensions.Activities.FileSystem Namespace</u>

### File.Replacement Property

File Class See Also Send Feedback

The replacement text to use. Default is string.Empty

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

File Class

<u>TfsBuildExtensions.Activities.FileSystem Namespace</u>

## File.TargetPath Property

File Class See Also Send Feedback

Sets the TargetPath for a renamed file

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

File Class

<u>TfsBuildExtensions.Activities.FileSystem Namespace</u>

## File.TextEncoding Property

File Class See Also Send Feedback

The file encoding to write the new file in. The task will attempt to default to the current file encoding.

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.FileSystem}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

File Class

<u>TfsBuildExtensions.Activities.FileSystem Namespace</u>

### FileAction Enumeration

See Also Send Feedback

#### FileAction

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Members**

| Member name      | <b>Value</b> | Description      |
|------------------|--------------|------------------|
| AddAttributes    | 0            | AddAttributes    |
| GetChecksum      | 1            | GetChecksum      |
| GetTempFileName  | 2            | GetTempFileName  |
| Move             | 3            | Move             |
| RemoveAttributes | 4            | RemoveAttributes |
| SetAttributes    | 5            | SetAttributes    |
| Replace          | 6            | Replace          |

# <u>TfsBuildExtensions.Activities.FileSystem Namespace</u>

### RoboCopy Class

Members See Also Send Feedback

This activity wraps RoboCopy. Successful non-zero exit codes from Robocopy. Use the ReturnCode property to access the exit code from Robocopy

#### **Valid Action values are:**

Copy

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.FileSystem.RoboCopy

RoboCopy Members
TfsBuildExtensions.Activities.FileSystem Namespace

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TFS Build Extensions Help (v1.0.0.6)

## RoboCopy Members

RoboCopy Class Constructors Properties See Also Send Feedback

The **RoboCopy** type exposes the following members.

# **■ Constructors**

|            | Name     | Description |
|------------|----------|-------------|
| <b>=</b> ♦ | RoboCopy |             |

# **■ Properties**

| Name           | Description  |
|----------------|--|
| Action         | Specifies the action to perform  |
| Destination    | Destination Dir (drive:\path or \\server\share\path).                    |
| Files          | File(s) to copy (names/wildcards: default is "*.*").                     |
| LogToBuild     | Set to true to log output to the build progress screen. Default is false |
| <u>Options</u> | Type 'robocopy.exe /?' at the command prompt for all available options   |
| ReturnCode     | Gets the Return Code from RoboCopy                                       |
| Source         | Source Directory (drive:\path or \\server\share\path).                   |

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

## RoboCopy Constructor

RoboCopy Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.FileSystem}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

-

TFS Build Extensions Help (v1.0.0.6)

# RoboCopy Properties

RoboCopy Class See Also Send Feedback

The **RoboCopy** type exposes the following members.

# **■ Properties**

| Name              | Description  |
|-------------------|--|
| Action            | Specifies the action to perform  |
| Destination       | Destination Dir (drive:\path or \\server\share\path).                    |
| Files             | File(s) to copy (names/wildcards: default is "*.*").                     |
| LogToBuild        | Set to true to log output to the build progress screen. Default is false |
| <u>Options</u>    | Type 'robocopy.exe /?' at the command prompt for all available options   |
| <u>ReturnCode</u> | Gets the Return Code from RoboCopy                                       |
| Source            | Source Directory (drive:\path or \\server\share\path).                   |

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

## RoboCopy.Action Property

RoboCopy Class See Also Send Feedback

## Specifies the action to perform

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

## RoboCopy.Destination Property

RoboCopy Class See Also Send Feedback

Destination Dir (drive:\path or \\server\share\path).

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

### RoboCopy.Files Property

RoboCopy Class See Also Send Feedback

File(s) to copy (names/wildcards: default is "\*.\*").

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

## RoboCopy.LogToBuild Property

RoboCopy Class See Also Send Feedback

Set to true to log output to the build progress screen. Default is false

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

## RoboCopy.Options Property

RoboCopy Class See Also Send Feedback

Type 'robocopy.exe /?' at the command prompt for all available options

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

## RoboCopy.ReturnCode Property

RoboCopy Class See Also Send Feedback

Gets the Return Code from RoboCopy

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.FileSystem}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

### RoboCopy.Source Property

RoboCopy Class See Also Send Feedback

Source Directory (drive:\path or \\server\share\path).

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

## RoboCopyAction Enumeration

See Also Send Feedback

## Robo Copy Action

Namespace: <u>TfsBuildExtensions.Activities.FileSystem</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# $\blacksquare$ Members

| Member name | <b>Value</b> | Description |
|-------------|--------------|-------------|
| Сору        | 0            | Сору        |

# <u>TfsBuildExtensions.Activities.FileSystem Namespace</u>

# TfsBuildExtensions.Activities.Framework Namespace

Send Feedback

# **■ Classes**

|                  | Class               | Description  |
|------------------|---------------------|--|
| <del>\\</del> \$ | <u>AssemblyInfo</u> | Updates content of AssemblyInfo files.   |
| <b>4</b> 3       | <u>DateAndTime</u>  | Valid Action values are:   |
|                  |                     | AddDays - Required: Format, ValueOptional: Start Output: Result                      |
|                  |                     | AddHours - Required: Format, Value Optional: Start Output: Result                    |
|                  |                     | AddMilliseconds - Required: Format, Value Optional: Start Output: Result             |
|                  |                     | AddMinutes - Required: Format, Value Optional: Start Output: Result                  |
|                  |                     | AddMonths - Required: Format, Value Optional: Start Output: Result                   |
|                  |                     | AddSeconds - Required: Format, Value Optional: Start Output: Result                  |
|                  |                     | AddTicks - Required: Format, Value Optional: Start Output: Result                    |
|                  |                     | AddYears - Required: Format, Value Optional: Start Output: Result                    |
|                  |                     | CheckBetween - Required: Start, End Optional: UseUtc Output: BoolResult              |
|                  |                     | CheckLater - Required: Start Optional: UseUtc Output: BoolResult                     |
|                  |                     | <pre>Get - Required: Format Optional: UseUtc Output: Result</pre>                    |
|                  |                     | <pre>GetElapsed - Required: Format, Start Optional: End, UseUtc Output: Result</pre> |
| <b>4</b> \$      | Guid                | Valid Action values are:   |
|                  |                     | Create - Output: GuidString,   |

|             |                | FormattedGuidString                                    |
|-------------|----------------|--|
|             |                | CreateCrypto - Output: GuidString, FormattedGuidString |
| <b>4</b> \$ | <u>ILMerge</u> | Valid Action values are:                               |
|             |                | Merge  |

# **■ Enumerations**

| DateAndTimeActionDateAndTimeActionGuidActionGuidActionILMergeActionILMergeAction | Enumeration              | Description       |
|--|--------------------------|-------------------|
| GuidAction GuidAction  | <u>DateAndTimeAction</u> | DateAndTimeAction |
| ILMergeAction ILMergeAction  | GuidAction               | GuidAction        |
|  | <u>ILMergeAction</u>     | ILMergeAction     |
| TargetKind TargetKind  | <u>TargetKind</u>        | TargetKind        |

#### AssemblyInfo Class

Members Example See Also Send Feedback

Updates content of AssemblyInfo files.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

#### **■ Remarks**

The <u>Files</u> property is **required**.

Setting a property to null will disable updating the associated attribute.

The following tokens are supported for replacement (all tokens are not supported by every property, see properties remarks for the list of supported tokens):

| Token                       | Description   |
|-----------------------------|---|
| \$(current)                 | Uses the current value.   |
| \$(increment)               | Increments the current value.   |
| \$(date: <format>)</format> | Uses the current date formatted with the specified <format>.</format> |
| \$(version)                 | The updated AssemblyVersion value.                                    |
| \$(fileversion)             | The updated AssemblyFileVersion value.                                |

## **■ Examples**

XML a Copy

# **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.Framework.AssemblyInfo

<u>AssemblyInfo Members</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

## AssemblyInfo Members

<u>AssemblyInfo Class Constructors Properties See Also Send Feedback</u>

The <u>AssemblyInfo</u> type exposes the following members.

# **■ Constructors**

|           | Name                | Description |
|-----------|---------------------|-------------|
| <b>=♦</b> | <u>AssemblyInfo</u> |             |

# **■ Properties**

| Name                            | Description   |
|---------------------------------|---|
| AssemblyCompany                 | Sets the company name.  |
| AssemblyConfiguration           | Sets the assembly configuration.  |
| AssemblyCopyright               | Sets the assembly copyright.  |
| <u>AssemblyCulture</u>          | Sets the assembly culture.  |
| AssemblyDelaySign               | Set to <b>true</b> to mark the assembly for delay signing.  |
| AssemblyDescription             | Sets the assembly description.  |
| AssemblyFileVersion             | Sets the assembly file version.   |
| AssemblyInformationalVersion    | Sets the assembly informational version.  |
| <u>AssemblyKeyFile</u>          | Sets the key file to use to sign the assembly.  |
| <u>AssemblyKeyName</u>          | Sets the name of a key container within the CSP containing the key pair used to generate a strong name. |
| AssemblyProduct                 | Sets the assembly product.  |
| <u>AssemblyTitle</u>            | Sets the assembly title.  |
| AssemblyTrademark               | Sets the assembly trademark.  |
| <u>Assembly Version</u>         | Sets the assembly version.  |
| CLSCompliant                    | Set to <b>true</b> to mark the assembly CLS compliant.  |
| ComVisible                      | Set to <b>true</b> to make the assembly visible to COM.   |
| <u>Files</u>                    | Sets the AssemblyInfo files to update.  |
| Guid                            | Sets the assembly GUID.   |
| <u>MaxAssemblyFileVersion</u>   | Gets the max updated assembly file version.   |
| MaxAssemblyInformationalVersion | Gets the max updated  |

|                           | assembly informational version.        |
|---------------------------|--|
| <u>MaxAssemblyVersion</u> | Gets the max updated assembly version. |

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

### AssemblyInfo Constructor

AssemblyInfo Class See Also Send Feedback

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

## AssemblyInfo Properties

AssemblyInfo Class See Also Send Feedback

The <u>AssemblyInfo</u> type exposes the following members.

# **■ Properties**

| Name                            | Description   |
|---------------------------------|---|
| AssemblyCompany                 | Sets the company name.  |
| AssemblyConfiguration           | Sets the assembly configuration.  |
| AssemblyCopyright               | Sets the assembly copyright.  |
| <u>AssemblyCulture</u>          | Sets the assembly culture.  |
| AssemblyDelaySign               | Set to <b>true</b> to mark the assembly for delay signing.  |
| AssemblyDescription             | Sets the assembly description.  |
| AssemblyFileVersion             | Sets the assembly file version.   |
| AssemblyInformationalVersion    | Sets the assembly informational version.  |
| <u>AssemblyKeyFile</u>          | Sets the key file to use to sign the assembly.  |
| <u>AssemblyKeyName</u>          | Sets the name of a key container within the CSP containing the key pair used to generate a strong name. |
| AssemblyProduct                 | Sets the assembly product.  |
| <u>AssemblyTitle</u>            | Sets the assembly title.  |
| AssemblyTrademark               | Sets the assembly trademark.  |
| <u>Assembly Version</u>         | Sets the assembly version.  |
| CLSCompliant                    | Set to <b>true</b> to mark the assembly CLS compliant.  |
| ComVisible                      | Set to <b>true</b> to make the assembly visible to COM.   |
| <u>Files</u>                    | Sets the AssemblyInfo files to update.  |
| Guid                            | Sets the assembly GUID.   |
| <u>MaxAssemblyFileVersion</u>   | Gets the max updated assembly file version.   |
| MaxAssemblyInformationalVersion | Gets the max updated  |

|                           | assembly informational version.        |
|---------------------------|--|
| <u>MaxAssemblyVersion</u> | Gets the max updated assembly version. |

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

## AssemblyInfo.AssemblyCompany Property

AssemblyInfo Class See Also Send Feedback

Sets the company name.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

#### **■ Remarks**

Setting the value to null will disable updating this attribute.

The following tokens are supported (see <u>AssemblyInfo</u> remarks for a description of those tokens):

- \$(version)
- \$(fileversion)
- \$(date:<format>)

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

# AssemblyInfo.AssemblyConfiguration Property

AssemblyInfo Class See Also Send Feedback

Sets the assembly configuration.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Setting the value to null will disable updating this attribute.

- \$(version)
- \$(fileversion)
- \$(date:<format>)

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

# AssemblyInfo.AssemblyCopyright Property

AssemblyInfo Class See Also Send Feedback

Sets the assembly copyright.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Setting the value to null will disable updating this attribute.

- \$(version)
- \$(fileversion)
- \$(date:<format>)

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

# AssemblyInfo.AssemblyCulture Property

AssemblyInfo Class See Also Send Feedback

Sets the assembly culture.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Setting the value to null will disable updating this attribute.

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

# AssemblyInfo.AssemblyDelaySign Property

AssemblyInfo Class See Also Send Feedback

Set to **true** to mark the assembly for delay signing.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Setting the value to null will disable updating this attribute.

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

# AssemblyInfo.AssemblyDescription Property

AssemblyInfo Class See Also Send Feedback

Sets the assembly description.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Setting the value to null will disable updating this attribute.

- \$(version)
- \$(fileversion)
- \$(date:<format>)

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

# AssemblyInfo.AssemblyFileVersion Property

AssemblyInfo Class See Also Send Feedback

Sets the assembly file version.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Setting the value to null will disable updating this attribute.

- \$(current)
- \$(increment)
- \$(date:<format>)

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

# $As sembly Info. As sembly Informational Version\ Property$

AssemblyInfo Class See Also Send Feedback

Sets the assembly informational version.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Setting the value to null will disable updating this attribute.

- \$(version)
- \$(fileversion)
- \$(date:<format>)

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

## AssemblyInfo.AssemblyKeyFile Property

AssemblyInfo Class See Also Send Feedback

Sets the key file to use to sign the assembly.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Setting the value to null will disable updating this attribute.

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

## AssemblyInfo.AssemblyKeyName Property

AssemblyInfo Class See Also Send Feedback

Sets the name of a key container within the CSP containing the key pair used to generate a strong name.

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.Framework}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Setting the value to null will disable updating this attribute.

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

# AssemblyInfo.AssemblyProduct Property

AssemblyInfo Class See Also Send Feedback

Sets the assembly product.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Setting the value to null will disable updating this attribute.

- \$(version)
- \$(fileversion)
- \$(date:<format>)

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

# AssemblyInfo.AssemblyTitle Property

AssemblyInfo Class See Also Send Feedback

Sets the assembly title.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Setting the value to null will disable updating this attribute.

- \$(version)
- \$(fileversion)
- \$(date:<format>)

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

# AssemblyInfo.AssemblyTrademark Property

AssemblyInfo Class See Also Send Feedback

Sets the assembly trademark.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Setting the value to null will disable updating this attribute.

- \$(version)
- \$(fileversion)
- \$(date:<format>)

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

#### AssemblyInfo.AssemblyVersion Property

AssemblyInfo Class See Also Send Feedback

Sets the assembly version.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

#### **■ Remarks**

Setting the value to null will disable updating this attribute.

The following tokens are supported (see <u>AssemblyInfo</u> remarks for a description of those tokens):

- \$(current)
- \$(increment)
- \$(date:<format>)

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

#### AssemblyInfo.CLSCompliant Property

AssemblyInfo Class See Also Send Feedback

Set to **true** to mark the assembly CLS compliant.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

### **■ Remarks**

Setting the value to null will disable updating this attribute.

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

#### AssemblyInfo.ComVisible Property

AssemblyInfo Class See Also Send Feedback

Set to **true** to make the assembly visible to COM.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

### **■ Remarks**

Setting the value to null will disable updating this attribute.

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

### AssemblyInfo.Files Property

AssemblyInfo Class See Also Send Feedback

Sets the AssemblyInfo files to update.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

### **■ Remarks**

This property is **required.** 

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

### AssemblyInfo.Guid Property

AssemblyInfo Class See Also Send Feedback

Sets the assembly GUID.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

### **■ Remarks**

Setting the value to null will disable updating this attribute.

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

#### AssemblyInfo.MaxAssemblyFileVersion Property

AssemblyInfo Class See Also Send Feedback

Gets the max updated assembly file version.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

### $As sembly Info. Max As sembly Informational Version\ Property$

AssemblyInfo Class See Also Send Feedback

Gets the max updated assembly informational version.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

### AssemblyInfo.MaxAssemblyVersion Property

AssemblyInfo Class See Also Send Feedback

Gets the max updated assembly version.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>AssemblyInfo Class</u>
<u>TfsBuildExtensions.Activities.Framework Namespace</u>

#### DateAndTime Class

Members See Also Send Feedback

#### Valid Action values are:

*AddDays* - **Required:** Format, Value **Optional:** Start **Output:** Result

AddHours - Required: Format, Value Optional: Start Output: Result

AddMilliseconds - Required: Format, Value Optional: Start Output: Result

*AddMinutes* - **Required:** Format, Value **Optional:** Start **Output:** Result

*AddMonths* - **Required:** Format, Value **Optional:** Start **Output:** Result

*AddSeconds* - **Required:** Format, Value **Optional:** Start **Output:** Result

*AddTicks* - **Required:** Format, Value **Optional:** Start **Output:** Result

*AddYears* - **Required:** Format, Value **Optional:** Start **Output:** Result

CheckBetween - Required: Start, End Optional: UseUtc Output: BoolResult

CheckLater - Required: Start Optional: UseUtc Output: BoolResult

Get - Required: Format Optional: UseUtc Output: Result

GetElapsed - Required: Format, Start Optional: End, UseUtc Output: Result

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

### **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.Framework.DateAndTime

<u>DateAndTime Members</u> <u>TfsBuildExtensions.Activities.Framework Namespace</u>

### DateAndTime Members

DateAndTime Class Constructors Properties See Also Send Feedback

The <a href="DateAndTime">DateAndTime</a> type exposes the following members.

### **■ Constructors**

|          | Name               | Description |
|----------|--------------------|-------------|
| <b>≡</b> | <u>DateAndTime</u> |             |

# **■ Properties**

| Name              | Description  |
|-------------------|--|
| Action            | Specifies the action to perform. Default is Get.   |
| <u>BoolResult</u> | The output boolean result.   |
| End               | The end time to use for GetElapsed. Default is DateTime.Now  |
| Format            | Format to apply to the Result. For GetTime, Format can be any valid DateTime format. For GetElapsed, Format can be Milliseconds, Seconds, Minutes, Hours, Days or Total. Total returns dd:hh:mm:ss |
| Result            | The output Result  |
| Start             | The start time to use  |
| <u>UseUtc</u>     | Set to true to use UTC Date / Time for the Action. Default is false.   |
| <u>Value</u>      | The Value to use in calculations   |

## <u>DateAndTime Class</u> <u>TfsBuildExtensions.Activities.Framework Namespace</u>

#### DateAndTime Constructor

DateAndTime Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.Framework}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>DateAndTime Class</u> <u>TfsBuildExtensions.Activities.Framework Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

### DateAndTime Properties

DateAndTime Class See Also Send Feedback

The <a href="DateAndTime">DateAndTime</a> type exposes the following members.

# **■ Properties**

| Name              | Description  |
|-------------------|--|
| Action            | Specifies the action to perform. Default is Get.   |
| <u>BoolResult</u> | The output boolean result.   |
| End               | The end time to use for GetElapsed. Default is DateTime.Now  |
| Format            | Format to apply to the Result. For GetTime, Format can be any valid DateTime format. For GetElapsed, Format can be Milliseconds, Seconds, Minutes, Hours, Days or Total. Total returns dd:hh:mm:ss |
| Result            | The output Result  |
| Start             | The start time to use  |
| <u>UseUtc</u>     | Set to true to use UTC Date / Time for the Action. Default is false.   |
| <u>Value</u>      | The Value to use in calculations   |

## <u>DateAndTime Class</u> <u>TfsBuildExtensions.Activities.Framework Namespace</u>

### DateAndTime.Action Property

DateAndTime Class See Also Send Feedback

Specifies the action to perform. Default is Get.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>DateAndTime Class</u> <u>TfsBuildExtensions.Activities.Framework Namespace</u>

### DateAndTime.BoolResult Property

DateAndTime Class See Also Send Feedback

The output boolean result.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>DateAndTime Class</u> <u>TfsBuildExtensions.Activities.Framework Namespace</u>

### DateAndTime.End Property

DateAndTime Class See Also Send Feedback

The end time to use for GetElapsed. Default is DateTime.Now

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>DateAndTime Class</u> <u>TfsBuildExtensions.Activities.Framework Namespace</u>

### DateAndTime.Format Property

DateAndTime Class See Also Send Feedback

Format to apply to the Result. For GetTime, Format can be any valid DateTime format. For GetElapsed, Format can be Milliseconds, Seconds, Minutes, Hours, Days or Total. Total returns dd:hh:mm:ss

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>DateAndTime Class</u> <u>TfsBuildExtensions.Activities.Framework Namespace</u>

### DateAndTime.Result Property

DateAndTime Class See Also Send Feedback

### The output Result

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>DateAndTime Class</u> <u>TfsBuildExtensions.Activities.Framework Namespace</u>

### DateAndTime.Start Property

DateAndTime Class See Also Send Feedback

The start time to use

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>DateAndTime Class</u> <u>TfsBuildExtensions.Activities.Framework Namespace</u>

### $Date And Time. Use Utc\ Property$

DateAndTime Class See Also Send Feedback

Set to true to use UTC Date / Time for the Action. Default is false.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>DateAndTime Class</u> <u>TfsBuildExtensions.Activities.Framework Namespace</u>

### DateAndTime.Value Property

DateAndTime Class See Also Send Feedback

The Value to use in calculations

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>DateAndTime Class</u> <u>TfsBuildExtensions.Activities.Framework Namespace</u>

### DateAndTimeAction Enumeration

See Also Send Feedback

#### DateAndTimeAction

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.Framework}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# $\blacksquare$ Members

| Member name     | <b>Value</b> | Description     |
|-----------------|--------------|-----------------|
| Get             | 0            | Get             |
| GetElapsed      | 1            | GetElapsed      |
| CheckLater      | 2            | CheckLater      |
| CheckBetween    | 3            | CheckBetween    |
| AddDays         | 4            | AddDays         |
| AddHours        | 5            | AddHours        |
| AddMilliseconds | 6            | AddMilliseconds |
| AddMinutes      | 7            | AddMinutes      |
| AddMonths       | 8            | AddMonths       |
| AddSeconds      | 9            | AddSeconds      |
| AddTicks        | 10           | AddTicks        |
| AddYears        | 11           | AddYears        |

# TfsBuildExtensions.Activities.Framework Namespace

#### **Guid Class**

Members Example See Also Send Feedback

#### **Valid Action values are:**

Create - Output: GuidString, FormattedGuidString

*CreateCrypto -* **Output:** GuidString, FormattedGuidString

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

### **■ Examples**

XML © Copy

# **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.Framework.Guid

<u>Guid Members</u> <u>TfsBuildExtensions.Activities.Framework Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

### **Guid Members**

Guid Class Constructors Properties See Also Send Feedback

The **Guid** type exposes the following members.

# **■ Constructors**

|          | Name | Description |
|----------|------|-------------|
| <b>=</b> | Guid |             |

# **■ Properties**

| Name                       | Description   |
|----------------------------|---|
| Action                     | Specifies the action to perform. Default is Create.   |
| <u>FormattedGuidString</u> | The Formatted Guid result: 32 digits separated by hyphens: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx |
| GuidString                 | The Guid result: 32 digits: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx                                |

**Guid Class** 

TfsBuildExtensions.Activities.Framework Namespace

#### **Guid Constructor**

Guid Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.Framework}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Guid Class** 

TfsBuildExtensions.Activities.Framework Namespace

-

TFS Build Extensions Help (v1.0.0.6)

# **Guid Properties**

Guid Class See Also Send Feedback

The **Guid** type exposes the following members.

# **■ Properties**

| Name                       | Description   |
|----------------------------|---|
| Action                     | Specifies the action to perform. Default is Create.   |
| <u>FormattedGuidString</u> | The Formatted Guid result: 32 digits separated by hyphens: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx |
| GuidString                 | The Guid result: 32 digits: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx                                |

**Guid Class** 

TfsBuildExtensions.Activities.Framework Namespace

### **Guid.**Action Property

Guid Class See Also Send Feedback

Specifies the action to perform. Default is Create.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Guid Class** 

TfsBuildExtensions.Activities.Framework Namespace

### Guid.FormattedGuidString Property

Guid Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.Framework}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Guid Class** 

TfsBuildExtensions.Activities.Framework Namespace

### **Guid.GuidString Property**

Guid Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.Framework}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**Guid Class** 

TfsBuildExtensions.Activities.Framework Namespace

#### **GuidAction Enumeration**

See Also Send Feedback

#### GuidAction

Namespace: <u>TfsBuildExtensions.Activities.Framework</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

# **■ Members**

| Member name  | Value | Description  |
|--------------|-------|--------------|
| Create       | 0     | Send         |
| CreateCrypto | 1     | CreateCrypto |

## TfsBuildExtensions.Activities.Framework Namespace

#### **ILMerge Class**

Members See Also Send Feedback

#### **Valid Action values are:**

Merge

**Namespace:** <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

## **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.Framework.ILMerge

ILMerge Members
TfsBuildExtensions.Activities.Framework Namespace

-

TFS Build Extensions Help (v1.0.0.6)

### ILMerge Members

ILMerge Class Constructors Properties See Also Send Feedback

The <u>ILMerge</u> type exposes the following members.

### **■ Constructors**

|           | Name           | Description |
|-----------|----------------|-------------|
| <b>=♦</b> | <u>ILMerge</u> |             |

# **■ Properties**

| Name                                 | Description  |
|--------------------------------------|--|
| Action                               | Specifies the action to perform  |
| AllowDuplicateTypes                  | Allows the user to either allow al<br>types to be renamed when they a<br>duplicates, or to specify it for art<br>type names  |
|                                      | Command line option: [/allowDup[:typeName]]*   |
|                                      | Default: no duplicates of public t allowed.  |
| AllowMultipleAssemblyLevelAttributes | If set, any assembly-level attribut<br>names that have the same type ar<br>over into the target directory as le<br>the definition of the attribute type<br>specifies that "AllowMultiple" is |
|                                      | Command line option: /allowMu  |
|                                      | Default: false   |
| AllowZeroPeKind                      | When this is set before calling M then if an assembly's PeKind flag the value of the field listed as .co the Manifest) is zero it will be truif it was ILonly.                               |
|                                      | This can be used to allow C++ assemblies to be merged; it does appear that the C++ compiler wr value as ILonly.  |
|                                      | However, if such an assembly ha<br>non-IL features, then they will pr<br>not be copied over into the target<br>assembly correctly.   |
|                                      | So please use this option with car   |

| Default: false  If this is set before calling Merge specifies the path and filename to attribute assembly, an assembly be used to get all of the assembly attributes such as Culture, Versio It will also be used to get the Win Resources from. It is mutually exwith the CopyAttributes property (Section 2.7).  When it is not specified, then the Resources from the primary asse are copied over into the target as:  If it is not a full path, then the cu directory is used.  Command line option: /attr:filena Default: null  Closed  When this is set before calling M then the "transitive closure" of the assemblies is computed and adde list of input assemblies.  An assembly is considered part c transitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the in assemblies, or one of the assembles.   |                       | Command line option: /zeroPeKi   |
|--|-----------------------|--|
| specifies the path and filename to atttribute assembly, an assembly be used to get all of the assembly attributes such as Culture, Versio It will also be used to get the Win Resources from. It is mutually exwith the CopyAttributes property (Section 2.7).  When it is not specified, then the Resources from the primary asse are copied over into the target as If it is not a full path, then the cudirectory is used.  Command line option: /attr:filenative closure of the assemblies is computed and added list of input assemblies.  An assembly is considered part contrastive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the is assemblies, or one of the assemblies. |                       | Default: false   |
| Resources from. It is mutually es with the CopyAttributes property (Section 2.7).  When it is not specified, then the Resources from the primary asse are copied over into the target as:  If it is not a full path, then the cu directory is used.  Command line option: /attr:filena Default: null  When this is set before calling M then the "transitive closure" of the assemblies is computed and added list of input assemblies.  An assembly is considered part contransitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the in assemblies, or one of the assemblies, or one of the assemblies.  | AttributeFile         | specifies the path and filename to<br>atttribute assembly, an assembly<br>be used to get all of the assembly |
| Resources from the primary asse are copied over into the target as:  If it is not a full path, then the cu directory is used.  Command line option: /attr:filena Default: null  When this is set before calling M then the "transitive closure" of th assemblies is computed and adde list of input assemblies.  An assembly is considered part c transitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the in assemblies, or one of the assemb  |                       | Resources from. It is mutually exwith the CopyAttributes property  |
| directory is used.  Command line option: /attr:filenation Default: null  When this is set before calling M then the "transitive closure" of the assemblies is computed and added list of input assemblies.  An assembly is considered part of transitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the in assemblies, or one of the assemblies.   |                       | Resources from the primary asse  |
| Default: null  When this is set before calling M then the "transitive closure" of the assemblies is computed and added list of input assemblies.  An assembly is considered part of transitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the inassemblies, or one of the assemblies.  |                       | _  |
| Closed  When this is set before calling M then the "transitive closure" of the assemblies is computed and added list of input assemblies.  An assembly is considered part of transitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the inassemblies, or one of the assemblies.   |                       | Command line option: /attr:filena  |
| then the "transitive closure" of the assemblies is computed and added list of input assemblies.  An assembly is considered part of transitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the inassemblies, or one of the assemblies.   |                       | Default: null  |
| transitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the in assemblies, or one of the assemb  | Closed                | then the "transitive closure" of the assemblies is computed and adde   |
| external reference to one of the in assemblies, or one of the assemb   |                       | transitive closure if it is reference<br>either directly or indirectly, from                                 |
| nas such a reference.  |                       | external reference to one of the i   |
| Command line option: /closed   |                       | Command line option: /closed   |
| Default: false   |                       | Default: false   |
| CopyAttributes When this is set before calling M   | <u>CopyAttributes</u> | When this is set before calling M  |

|                      | .1 .1 1 1  |
|----------------------|--|
|                      | then the assembly level attributes<br>input assembly are copied over in<br>target assembly.  |
|                      | Any duplicate attribute overwrite previously copied attribute. If yo to allow duplicates (for those attributes type specifies "AllowMultheir definition), then you can also the AllowMultipleAssemblyLevelAt   |
|                      | The input assemblies are process<br>the order they are specified. This<br>is mutually exclusive with specif<br>attribute assembly, i.e., the prope<br>AttributeFile.   |
|                      | When an attribute assembly is sp<br>then no assembly-level attributes<br>copied over from the input assem  |
|                      | Command line option: /copyattrs  |
|                      | Default: false   |
|                      |  |
| <u>DebugInfo</u>     | When this is set to true, ILMerge a .pdb file for the output assembl merges into it any .pdb files foun input assemblies.  |
| <u>DebugInfo</u>     | a .pdb file for the output assembl merges into it any .pdb files foun  |
| <u>DebugInfo</u>     | <ul><li>a .pdb file for the output assemble merges into it any .pdb files foun input assemblies.</li><li>If you do not want a .pdb file creathe output assembly, either set the property to false or else specify to false or</li></ul> |
| DebugInfo            | a .pdb file for the output assembl merges into it any .pdb files foun input assemblies.  If you do not want a .pdb file cre the output assembly, either set th property to false or else specify t /ndebug option at the command l   |
| DelaySign  DelaySign | a .pdb file for the output assembl merges into it any .pdb files foun input assemblies.  If you do not want a .pdb file cre the output assembly, either set th property to false or else specify t /ndebug option at the command l Command line option: /ndebug  |

|             | (Section 2.13).   |
|-------------|---|
|             | Command line option: /delaysigr   |
|             | Default: null   |
| ExcludeFile | This property is used only in con with the Internalize property (Sec 2.12). When this is set before cal Merge, it indicates                                     |
|             | the path and filename that will be identify types that are not to have visibility modified.   |
|             | If Internalize is true, but Exclude "", then all types in any assembly than the primary assembly are m non-public.  |
|             | Setting this property implicitly so<br>Internalize to true. The contents<br>file should be one regular expres<br>line.  |
|             | The syntax is that defined in the namespace<br>System.Text.RegularExpressions regular expressions.  |
|             | The regular expressions are matcagainst each type's full name, e.g "System.Collections.IList".  |
|             | If the match fails, it is tried again the assembly name (surrounded I square brackets) prepended to the name.   |
|             | Thus, the pattern "\[A\].*" excluding types in assembly A from being a non-public. (The backslashes are required because the string is treategular expression.) |

|                         | The pattern "N.T" will match all named T in the namespace name matter what assembly they are do in.  It is important to note that the regressions are not anchored to the beginning of the string; if this is use the appropriate regular expresoperator characters to do so.  Command line option: /internalize[:excludeFile] |
|-------------------------|--|
| ₩ E : C I               | Default: null  |
| ExitCode FileAlignment  | Gets the ExitCode of ILMerge  This controls the file alignment u   |
| rneAngiment             | the target assembly. The setter se value to the largest power of two no larger than the supplied argun is at least 512.  |
|                         | Command line option: /align:n  |
|                         | Default: 512   |
| InputAssemblies         | Sets the input assemblies to merg  |
| Internalize Internalize | This controls whether types in as<br>other than the primary assembly<br>their visibility modified. When it<br>then all non-exempt types that ar<br>outside of their assembly   |
|                         | have their visibility modified so are not visible from outside of the merged assembly. A type is exemfull name matches a line from the ExcludeFile (Section 2.10) using .NET regular expression engine.  |
|                         | Command line option: /internalize[:excludeFile]  |

|             | Default: false  |
|-------------|---|
| KeyFile     | When this is set before calling M specifies the path and filename to file. The target assembly will be with its contents and will   |
|             | then have a strong name. It can b with the DelaySign property (Sec 2.9) to have the target assembly a signed.   |
|             | This can be done even if the prin assembly was fully signed.  |
|             | Command line option: /keyfile:fi  |
|             | Default: null   |
| LogFile     | When this is set before calling M indicates the path and filename tl messages are written to. If LogM is true, but LogFile is null, then l messages are written to Console. |
|             | Command line option: /log[:logf   |
|             | Default: null   |
| LogMessages | When this is set before calling M then log messages are written. It in conjunction with the LogFile I   |
|             | If Log is true, but LogFile is null log messages are written to Cons To specify this behavior on the command line, the option "/log" given without a log file.              |
|             | Command line option: /log[:logf   |
|             | Default: false  |
| OutputFile  | This must be set before calling N specifies the path and filename the target assembly will be written to  |

| OutputText PublicKeyTokens | Default: null  Gets any OutputText emitted by  |
|----------------------------|--|
|                            | Gets any OutputText emitted by   |
| PublicKeyTokens            |  |
|                            | This must be set before calling indicates whether external assert references in the manifest of the assembly will use full public key or public key tokens (true).                         |
|                            | Command line option: /out:file   |
|                            | Default: true  |
| ** StrongNameLost          | Once merging is complete, this is true if and only if the primary assembly had a strong name, but target assembly does not.  |
|                            | This can occur when an .snk fil specified, or if something goes trying to read its contents.   |
| ** TargetKind              | This controls whether the targe is created as a library, a console application or as a Windows ap When it is not specified, then the   |
|                            | assembly will be the same kind<br>the primary assembly. (In that of<br>file extensions found on the spe<br>target assembly and the primar  |
|                            | assembly must match.) When i specified, then the file extension target assembly must match the specification. The possible valuation are target Kind. (Dll, Exe, Same As Primary Assembly) |
|                            | Command line option: /target: (library exe winexe)   |
|                            | Default: SameAsPrimaryAsser  |

| TargetPlatformDirectory | This method sets the .NET Fra for the target assembly to be th specified by platform. Valid str the first argument are "v1", "v1 and "v4".    |
|-------------------------|---|
|                         | The "v" is case insensitive and optional. This way ILMerge cato "cross-compile", i.e., it can version of the framework and                    |
|                         | the target assembly so it will redifferent assembly. The second is the directory in which mscorto be found.                                   |
|                         | Command line option: /targetplatform:version,platform   |
|                         | Default: null   |
| TargetPlatformVersion   | This method sets the .NET Fra for the target assembly to be the specified by platform. Valid state the first argument are "v1", "v2 and "v4". |
|                         | The "v" is case insensitive and optional. This way ILMerge cato "cross-compile", i.e., it can version of the framework and                    |
|                         | the target assembly so it will redifferent assembly. The second is the directory in which mscotto be found.                                   |
|                         | Command line option: /targetplatform:version,platfor  |
|                         | Default: null   |
| <u>UnionMerge</u>       | When this is true, then types we same name are all merged into  |

|         | type in the target assembly. The stype is the union of all of the indi   |
|---------|--|
|         | types in the input assemblies: it call of the members from each of corresponding types in the input assemblies. It cannot be specified same time as /allowDup.                                 |
|         | Command line option: /union  |
|         | Default: false   |
| Version | When this has a non-null value, t<br>target assembly will be given its<br>the version number of the asseml<br>When specified on the command  |
|         | version is read in as a string and look like "6.2.1.3" (but without the marks). The version must be a version as defined by the attribute Assembly Version in the System.Reflection namespace. |
|         | Command line option: /ver:version  |
|         | Default: null  |
| XmlDocs | This property controls whether X documentation files are merged t produce an XML documentation the target assembly.  |
|         | Command line option: /xmldocs  |
|         | Default: false   |
|         |  |

**ILMerge Class** 

TfsBuildExtensions.Activities.Framework Namespace

### ILMerge Constructor

ILMerge Class See Also Send Feedback

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

-

TFS Build Extensions Help (v1.0.0.6)

## **ILMerge Properties**

ILMerge Class See Also Send Feedback

The <u>ILMerge</u> type exposes the following members.

# **■ Properties**

| Name                                 | Description  |
|--------------------------------------|--|
| Action                               | Specifies the action to perform  |
| AllowDuplicateTypes                  | Allows the user to either allow al<br>types to be renamed when they a<br>duplicates, or to specify it for art<br>type names  |
|                                      | Command line option: [/allowDup[:typeName]]*   |
|                                      | Default: no duplicates of public t allowed.  |
| AllowMultipleAssemblyLevelAttributes | If set, any assembly-level attribut<br>names that have the same type ar<br>over into the target directory as le<br>the definition of the attribute type<br>specifies that "AllowMultiple" is |
|                                      | Command line option: /allowMu  |
|                                      | Default: false   |
| AllowZeroPeKind                      | When this is set before calling M then if an assembly's PeKind flag the value of the field listed as .co the Manifest) is zero it will be truif it was ILonly.                               |
|                                      | This can be used to allow C++ assemblies to be merged; it does appear that the C++ compiler wr value as ILonly.  |
|                                      | However, if such an assembly ha<br>non-IL features, then they will pr<br>not be copied over into the target<br>assembly correctly.   |
|                                      | So please use this option with car   |

| Default: false  If this is set before calling Merge specifies the path and filename to attribute assembly, an assembly be used to get all of the assembly attributes such as Culture, Versio It will also be used to get the Win Resources from. It is mutually exwith the CopyAttributes property (Section 2.7).  When it is not specified, then the Resources from the primary asse are copied over into the target as:  If it is not a full path, then the cu directory is used.  Command line option: /attr:filena Default: null  Closed  When this is set before calling M then the "transitive closure" of the assemblies is computed and added list of input assemblies.  An assembly is considered part contransitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the in assemblies, or one of the assemblies, or one of the assemblies.  |                       | Command line option: /zeroPeKi   |
|--|-----------------------|--|
| specifies the path and filename to atttribute assembly, an assembly be used to get all of the assembly attributes such as Culture, Versio It will also be used to get the Win Resources from. It is mutually exwith the CopyAttributes property (Section 2.7).  When it is not specified, then the Resources from the primary asse are copied over into the target as If it is not a full path, then the cudirectory is used.  Command line option: /attr:filenative closure of the assemblies is computed and added list of input assemblies.  An assembly is considered part contrastive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the is assemblies, or one of the assemblies. |                       | Default: false   |
| Resources from. It is mutually es with the CopyAttributes property (Section 2.7).  When it is not specified, then the Resources from the primary asse are copied over into the target as:  If it is not a full path, then the cu directory is used.  Command line option: /attr:filena Default: null  When this is set before calling M then the "transitive closure" of the assemblies is computed and added list of input assemblies.  An assembly is considered part contransitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the in assemblies, or one of the assemblies, or one of the assemblies.  | AttributeFile         | specifies the path and filename to atttribute assembly, an assembly be used to get all of the assembly |
| Resources from the primary asse are copied over into the target as:  If it is not a full path, then the cu directory is used.  Command line option: /attr:filena Default: null  When this is set before calling M then the "transitive closure" of th assemblies is computed and adde list of input assemblies.  An assembly is considered part c transitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the in assemblies, or one of the assemb  |                       | Resources from. It is mutually exwith the CopyAttributes property                                      |
| directory is used.  Command line option: /attr:filenation Default: null  When this is set before calling M then the "transitive closure" of the assemblies is computed and added list of input assemblies.  An assembly is considered part of transitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the in assemblies, or one of the assemblies.   |                       | Resources from the primary asse  |
| Default: null  When this is set before calling M then the "transitive closure" of the assemblies is computed and added list of input assemblies.  An assembly is considered part of transitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the inassemblies, or one of the assemblies.  |                       | _  |
| Closed  When this is set before calling M then the "transitive closure" of the assemblies is computed and added list of input assemblies.  An assembly is considered part of transitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the inassemblies, or one of the assemblies.   |                       | Command line option: /attr:filena  |
| then the "transitive closure" of the assemblies is computed and added list of input assemblies.  An assembly is considered part of transitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the inassemblies, or one of the assemblies.   |                       | Default: null  |
| transitive closure if it is reference either directly or indirectly, from the originally specified input assemblies and it external reference to one of the in assemblies, or one of the assemb  | Closed                | then the "transitive closure" of the assemblies is computed and adde                                   |
| external reference to one of the in assemblies, or one of the assemb   |                       | transitive closure if it is reference<br>either directly or indirectly, from                           |
| has such a reference.  |                       | external reference to one of the i   |
| Command line option: /closed   |                       | Command line option: /closed   |
| Default: false   |                       | Default: false   |
| CopyAttributes When this is set before calling M   | <u>CopyAttributes</u> | When this is set before calling M  |

|                      | 4 4 11 1 1 9 .   |
|----------------------|--|
|                      | then the assembly level attributes<br>input assembly are copied over in<br>target assembly.  |
|                      | Any duplicate attribute overwrite previously copied attribute. If yo to allow duplicates (for those attributes type specifies "AllowMultheir definition), then you can also the AllowMultipleAssemblyLevelAt   |
|                      | The input assemblies are process<br>the order they are specified. This<br>is mutually exclusive with specif<br>attribute assembly, i.e., the prope<br>AttributeFile.   |
|                      | When an attribute assembly is sp<br>then no assembly-level attributes<br>copied over from the input assem  |
|                      | Command line option: /copyattrs  |
|                      | Default: false   |
|                      |  |
| <u>DebugInfo</u>     | When this is set to true, ILMerge a .pdb file for the output assembl merges into it any .pdb files foun input assemblies.  |
| DebugInfo            | a .pdb file for the output assembl merges into it any .pdb files foun  |
| DebugInfo            | <ul><li>a .pdb file for the output assemble merges into it any .pdb files foun input assemblies.</li><li>If you do not want a .pdb file creathe output assembly, either set the property to false or else specify to false or</li></ul> |
| DebugInfo            | a .pdb file for the output assembl merges into it any .pdb files foun input assemblies.  If you do not want a .pdb file cre the output assembly, either set th property to false or else specify t /ndebug option at the command l   |
| DebugInfo  DelaySign | a .pdb file for the output assembl merges into it any .pdb files foun input assemblies.  If you do not want a .pdb file cre the output assembly, either set th property to false or else specify t /ndebug option at the command l Command line option: /ndebug  |

|             | (Section 2.13).   |
|-------------|---|
|             | Command line option: /delaysigr   |
|             | Default: null   |
| ExcludeFile | This property is used only in con with the Internalize property (Sec 2.12). When this is set before cal Merge, it indicates                                     |
|             | the path and filename that will be identify types that are not to have visibility modified.   |
|             | If Internalize is true, but Exclude "", then all types in any assembly than the primary assembly are m non-public.  |
|             | Setting this property implicitly so<br>Internalize to true. The contents<br>file should be one regular expres<br>line.  |
|             | The syntax is that defined in the namespace System.Text.RegularExpressions regular expressions.   |
|             | The regular expressions are matcagainst each type's full name, e.g "System.Collections.IList".  |
|             | If the match fails, it is tried again the assembly name (surrounded I square brackets) prepended to the name.   |
|             | Thus, the pattern "\[A\].*" excluding types in assembly A from being a non-public. (The backslashes are required because the string is treategular expression.) |

|                                 | The pattern "N.T" will match all named T in the namespace name matter what assembly they are do in.  It is important to note that the regexpressions are not anchored to the beginning of the string; if this is use the appropriate regular expresoperator characters to do so.  Command line option: /internalize[:excludeFile] |
|---------------------------------|---|
| ₩ E vC l                        | Default: null   |
| ExitCode File Alignment         | Gets the ExitCode of ILMerge  This controls the file alignment to   |
| FileAlignment                   | This controls the file alignment u<br>the target assembly. The setter se<br>value to the largest power of two<br>no larger than the supplied argun<br>is at least 512.  |
|                                 | Command line option: /align:n   |
|                                 | Default: 512  |
| InputAssemblies InputAssemblies | Sets the input assemblies to merg   |
| Internalize Internalize         | This controls whether types in as<br>other than the primary assembly<br>their visibility modified. When it<br>then all non-exempt types that ar<br>outside of their assembly  |
|                                 | have their visibility modified so are not visible from outside of the merged assembly. A type is exemfull name matches a line from the ExcludeFile (Section 2.10) using .NET regular expression engine.   |
|                                 | Command line option: /internalize[:excludeFile]   |

| When this is set before calling specifies the path and filenate file. The target assembly with its contents and will then have a strong name. It with the DelaySign property 2.9) to have the target assembly the set of the path and filenate file. The target assembly with its contents and will then have a strong name. It with the DelaySign property 2.9) to have the target assembly the path and filenate file. The target assembly with its contents and will then have a strong name. It will be path and filenate file. The target assembly will be path and filenate file. The target assembly will be path and filenate file. The target assembly will be path and filenate file. The target assembly will be path and filenate file. The target assembly will be path and filenate file. The target assembly will be path and filenate file. The target assembly will be path and filenate file. The target assembly will be path and filenate file. The target assembly will be path and filenate file. The target assembly will be path and filenate file. The target assembly will be path and filenate f | me to l be can b       |
|--|------------------------|
| with the DelaySign property  | (Sec                   |
| signed.  |                        |
| This can be done even if the assembly was fully signed.  | prin                   |
| Command line option: /keyf   | ile:fi                 |
| Default: null  |                        |
| LogFile  When this is set before calling indicates the path and filenal messages are written to. If L is true, but LogFile is null, to messages are written to Continuous contin | me tl<br>.ogM<br>hen l |
| Command line option: /log[   | logf                   |
| Default: null  |                        |
| LogMessages  When this is set before calling then log messages are writted in conjunction with the Log.  | n. It                  |
| If Log is true, but LogFile is log messages are written to To specify this behavior on command line, the option "/given without a log file.  | Cons<br>the            |
| Command line option: /log[   | logf                   |
| Default: false   |                        |
| OutputFile This must be set before calli specifies the path and filenation target assembly will be write   | me tl                  |

| PublicKeyTokens  This must be set before condicates whether external references in the manifest assembly will use full put or public key tokens (true Command line option: /or Default: true  StrongNameLost  Once merging is completed is true if and only if the put assembly had a strong nat target assembly does not.  This can occur when an asspecified, or if something trying to read its contents.  TargetKind  This controls whether the is created as a library, a complication or as a Window When it is not specified, the primary assembly. (In file extensions found on the target assembly and the put assembly must match.) We specified, then the file extension. The possible TargetKind. (DI), Exe, SameAsPrimaryAssembly.  |                        | Command line option: /out:file  |
|--|------------------------|---|
| This must be set before condicates whether external references in the manifest assembly will use full put or public key tokens (true Command line option: /or Default: true  StrongNameLost  Once merging is completed is true if and only if the process of the proc |                        | Default: null   |
| indicates whether external references in the manifest assembly will use full put or public key tokens (true Command line option: /or Default: true  StrongNameLost  Once merging is complete is true if and only if the prassembly had a strong nartarget assembly does not.  This can occur when an asspecified, or if something trying to read its contents.  TargetKind  TargetKind  This controls whether the is created as a library, a complication or as a Window When it is not specified, the same the primary assembly. (In file extensions found on the target assembly and the promatory of the properties of the primary assembly must match.) We specified, then the file extension. The possible TargetKind. (DII, Exe, SameAsPrimaryAssembly).   | <u>OutputText</u>      | Gets any OutputText emitted by  |
| Default: true  Once merging is complete is true if and only if the properties assembly had a strong nartarget assembly does not. This can occur when an asspecified, or if something trying to read its contents.  TargetKind  This controls whether the is created as a library, a complication or as a Window When it is not specified, the assembly will be the same the primary assembly. (In file extensions found on the target assembly and the properties of the primary assembly must match.) We specified, then the file extensions. The possible TargetKind. (DII), Exe, SameAsPrimaryAssembly.   | <u>PublicKeyTokens</u> | This must be set before calling indicates whether external assert references in the manifest of the assembly will use full public key or public key tokens (true).                |
| StrongNameLost  Once merging is complete is true if and only if the property is true if and only if the property had a strong nartarget assembly does not.  This can occur when an asspecified, or if something trying to read its contents.  TargetKind  This controls whether the is created as a library, a complication or as a Window When it is not specified, the same the primary assembly. (In file extensions found on the target assembly and the property assembly must match.) We specified, then the file extension. The possible TargetKind. (DII), Exe, SameAsPrimaryAssembly.   |                        | Command line option: /out:file  |
| is true if and only if the processes is true if and only if the processes is seembly had a strong nartarget assembly does not.  This can occur when an asspecified, or if something trying to read its contents.  TargetKind  This controls whether the is created as a library, a complication or as a Window When it is not specified, the same the primary assembly. (In file extensions found on the target assembly and the processes is seembly must match.) We specified, then the file extensions. The possible TargetKind. (DII, Exe, SameAsPrimaryAssembly).   |                        | Default: true   |
| specified, or if something trying to read its contents.  TargetKind  This controls whether the is created as a library, a coapplication or as a Window When it is not specified, the assembly will be the same the primary assembly. (In file extensions found on the target assembly and the primary assembly must match.) We specified, then the file extensions. The possible TargetKind. (DII, Exe, SameAsPrimaryAssembly).  | StrongNameLost         | Once merging is complete, this is true if and only if the primary assembly had a strong name, but target assembly does not.   |
| is created as a library, a coapplication or as a Windo When it is not specified, to assembly will be the same the primary assembly. (In file extensions found on the target assembly and the primary assembly must match.) We specified, then the file extension. The possible TargetKind. (Dll, Exe, SameAsPrimaryAssembly)   |                        | This can occur when an .snk fil specified, or if something goes trying to read its contents.  |
| the primary assembly. (In file extensions found on the target assembly and the primary assembly must match.) We specified, then the file extended target assembly must material specification. The possible TargetKind. (Dll, Exe, SameAsPrimaryAssembly)  | <u>TargetKind</u>      | This controls whether the targe is created as a library, a console application or as a Windows ap When it is not specified, then the  |
| specified, then the file ext<br>target assembly must mate<br>specification. The possibl<br>TargetKind. {Dll, Exe,<br>SameAsPrimaryAssembly   |                        | assembly will be the same kind<br>the primary assembly. (In that of<br>file extensions found on the spe<br>target assembly and the primar   |
| Command line option: /ta   |                        | assembly must match.) When i specified, then the file extension target assembly must match the specification. The possible valuation argetKind. (Dll, Exe, SameAsPrimaryAssembly) |
| (library exe winexe)   |                        | Command line option: /target: (library exe winexe)  |
| Default: SameAsPrimary   |                        | Default: SameAsPrimaryAsser   |

| TargetPlatformDirectory | This method sets the .NET Fra for the target assembly to be th specified by platform. Valid str the first argument are "v1", "v1 and "v4".    |
|-------------------------|---|
|                         | The "v" is case insensitive and optional. This way ILMerge cato "cross-compile", i.e., it can version of the framework and                    |
|                         | the target assembly so it will redifferent assembly. The second is the directory in which mscorto be found.                                   |
|                         | Command line option: /targetplatform:version,platform   |
|                         | Default: null   |
| TargetPlatformVersion   | This method sets the .NET Fra for the target assembly to be the specified by platform. Valid state the first argument are "v1", "v2 and "v4". |
|                         | The "v" is case insensitive and optional. This way ILMerge cato "cross-compile", i.e., it can version of the framework and                    |
|                         | the target assembly so it will redifferent assembly. The second is the directory in which mscotto be found.                                   |
|                         | Command line option: /targetplatform:version,platfor  |
|                         | Default: null   |
| <u>UnionMerge</u>       | When this is true, then types we same name are all merged into  |

|         | type in the target assembly. The stype is the union of all of the indi   |
|---------|--|
|         | types in the input assemblies: it call of the members from each of corresponding types in the input assemblies. It cannot be specified same time as /allowDup.   |
|         | Command line option: /union  |
|         | Default: false   |
| Version | When this has a non-null value, t<br>target assembly will be given its<br>the version number of the asseml<br>When specified on the command  |
|         | version is read in as a string and look like "6.2.1.3" (but without the marks). The version must be a vassembly version as defined by the attribute Assembly Version in the System.Reflection namespace. |
|         | Command line option: /ver:version  |
|         | Default: null  |
| XmlDocs | This property controls whether X documentation files are merged t produce an XML documentation the target assembly.  |
|         | Command line option: /xmldocs  |
|         | Default: false   |
|         |  |

**ILMerge Class** 

TfsBuildExtensions.Activities.Framework Namespace

#### ILMerge.Action Property

ILMerge Class See Also Send Feedback

### Specifies the action to perform

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

#### ILMerge.AllowDuplicateTypes Property

ILMerge Class See Also Send Feedback

Allows the user to either allow all public types to be renamed when they are duplicates, or to specify it for arbitrary type names

Command line option: [/allowDup[:typeName]]\*

Default: no duplicates of public types allowed.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

#### ILMerge.AllowMultipleAssemblyLevelAttributes Property

ILMerge Class See Also Send Feedback

If set, any assembly-level attributes names that have the same type are copied over into the target directory as long as the definition of the attribute type specifies that "AllowMultiple" is true.

Command line option: /allowMultiple

Default: false

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

#### ILMerge.AllowZeroPeKind Property

ILMerge Class See Also Send Feedback

When this is set before calling Merge, then if an assembly's PeKind flag (this is the value of the field listed as .corflags in the Manifest) is zero it will be treated as if it was ILonly.

This can be used to allow C++ assemblies to be merged; it does not appear that the C++ compiler writes the value as ILonly.

However, if such an assembly has any non-IL features, then they will probably not be copied over into the target assembly correctly.

So please use this option with caution.

Command line option: /zeroPeKind

Default: false

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

#### ILMerge.AttributeFile Property

ILMerge Class See Also Send Feedback

If this is set before calling Merge, then it specifies the path and filename to an atttribute assembly, an assembly that will be used to get all of the assembly-level attributes such as Culture, Version, etc.

It will also be used to get the Win32 Resources from. It is mutually exclusive with the CopyAttributes property (Section 2.7).

When it is not specified, then the Win32 Resources from the primary assembly are copied over into the target assembly.

If it is not a full path, then the current directory is used.

Command line option: /attr:filename

Default: null

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

#### **ILMerge.Closed Property**

ILMerge Class See Also Send Feedback

When this is set before calling Merge, then the "transitive closure" of the input assemblies is computed and added to the list of input assemblies.

An assembly is considered part of the transitive closure if it is referenced, either directly or indirectly, from one of the originally

specified input assemblies and it has an external reference to one of the input assemblies, or one of the assemblies that has such a reference.

Command line option: /closed

Default: false

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

#### ILMerge.CopyAttributes Property

ILMerge Class See Also Send Feedback

When this is set before calling Merge, then the assembly level attributes of each input assembly are copied over into the target assembly.

Any duplicate attribute overwrites a previously copied attribute. If you want to allow duplicates (for those attributes whose type specifies "AllowMultiple" in their definition), then you can also set the AllowMultipleAssemblyLevelAttributes.

The input assemblies are processed in the order they are specified. This option is mutually exclusive with specifying an attribute assembly, i.e., the property AttributeFile.

When an attribute assembly is specified, then no assembly-level attributes are copied over from the input assemblies

Command line option: /copyattrs

Default: false

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

## ILMerge.DebugInfo Property

ILMerge Class See Also Send Feedback

When this is set to true, ILMerge creates a .pdb file for the output assembly and merges into it any .pdb files found for input assemblies.

If you do not want a .pdb file created for the output assembly, either set this property to false or else specify the /ndebug option at the command line.

Command line option: /ndebug

Default: true

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

## ILMerge.DelaySign Property

ILMerge Class See Also Send Feedback

When this is set before calling Merge, then the target assembly will be delay signed. This can be set only in conjunction with the /keyfile option (Section 2.13).

Command line option: /delaysign

Default: null

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

#### ILMerge.ExcludeFile Property

ILMerge Class See Also Send Feedback

This property is used only in conjunction with the Internalize property (Section 2.12). When this is set before calling Merge, it indicates

the path and filename that will be used to identify types that are not to have their visibility modified.

If Internalize is true, but ExcludeFile is "", then all types in any assembly other than the primary assembly are made non-public.

Setting this property implicitly sets Internalize to true. The contents of the file should be one regular expression per line.

The syntax is that defined in the .NET namespace System.Text.RegularExpressions for regular expressions.

The regular expressions are matched against each type's full name, e.g., "System.Collections.IList".

If the match fails, it is tried again with the assembly name (surrounded by square brackets) prepended to the type name.

Thus, the pattern "[A].\*" excludes all types in assembly A from being made non-public. (The backslashes are required because the string is treated as a regular expression.)

The pattern "N.T" will match all types named T in the namespace named N no matter what assembly they are defined in.

It is important to note that the regular expressions are not anchored to the beginning of the string; if this is desired, use the appropriate regular expression operator characters to do so.

Command line option: /internalize[:excludeFile]

Default: null

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

# ILMerge.ExitCode Property

ILMerge Class See Also Send Feedback

# Gets the ExitCode of ILMerge

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

#### ILMerge.FileAlignment Property

ILMerge Class See Also Send Feedback

This controls the file alignment used for the target assembly. The setter sets the value to the largest power of two that is no larger than the supplied argument, and is at least 512.

Command line option: /align:n

Default: 512

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

## ILMerge.InputAssemblies Property

ILMerge Class See Also Send Feedback

Sets the input assemblies to merge.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

#### ILMerge.Internalize Property

ILMerge Class See Also Send Feedback

This controls whether types in assemblies other than the primary assembly have their visibility modified. When it is true, then all non-exempt types that are visible outside of their assembly

have their visibility modified so that they are not visible from outside of the merged assembly. A type is exempt if its full name matches a line from the ExcludeFile (Section 2.10) using the .NET regular expression engine.

Command line option: /internalize[:excludeFile]

Default: false

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

#### ILMerge.KeyFile Property

ILMerge Class See Also Send Feedback

When this is set before calling Merge, it specifies the path and filename to a .snk file. The target assembly will be signed with its contents and will

then have a strong name. It can be used with the DelaySign property (Section 2.9) to have the target assembly delay signed.

This can be done even if the primary assembly was fully signed.

Command line option: /keyfile:filename

Default: null

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

## ILMerge.LogFile Property

ILMerge Class See Also Send Feedback

When this is set before calling Merge, it indicates the path and filename that log messages are written to. If LogMessages is true, but LogFile is null, then log messages are written to Console.Out.

Command line option: /log[:logfile]

Default: null

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

#### ILMerge.LogMessages Property

ILMerge Class See Also Send Feedback

When this is set before calling Merge, then log messages are written. It is used in conjunction with the LogFile property.

If Log is true, but LogFile is null, then log messages are written to Console.Out. To specify this behavior on the command line, the option "/log" can be given without a log file.

Command line option: /log[:logfile]

Default: false

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

## ILMerge.OutputFile Property

ILMerge Class See Also Send Feedback

This must be set before calling Merge. It specifies the path and filename that the target assembly will be written to.

Command line option: /out:filename

Default: null

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

# ILMerge.OutputText Property

ILMerge Class See Also Send Feedback

Gets any OutputText emitted by ILMerge

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

#### ILMerge.PublicKeyTokens Property

ILMerge Class See Also Send Feedback

This must be set before calling Merge. It indicates whether external assembly references in the manifest of the target assembly will use full public keys (false) or public key tokens (true).

Command line option: /out:filename

Default: true

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

#### ILMerge.StrongNameLost Property

ILMerge Class See Also Send Feedback

Once merging is complete, this property is true if and only if the primary assembly had a strong name, but the target assembly does not.

This can occur when an .snk file is not specified, or if something goes wrong trying to read its contents.

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

#### ILMerge.TargetKind Property

ILMerge Class See Also Send Feedback

This controls whether the target assembly is created as a library, a console application or as a Windows application. When it is not specified, then the target assembly will be the same kind as that of the primary assembly. (In that case, the file extensions found on the specified target assembly and the primary assembly must match.) When it is specified, then the file extension of the target assembly must match the specification. The possible values are TargetKind. {Dll, Exe, SameAsPrimaryAssembly}

Command line option: /target:(library|exe|winexe)

Default: SameAsPrimaryAssembly

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

### ILMerge.TargetPlatformDirectory Property

ILMerge Class See Also Send Feedback

This method sets the .NET Framework for the target assembly to be the one specified by platform. Valid strings for the first argument are "v1", "v1.1", "v2", and "v4".

The "v" is case insensitive and is also optional. This way ILMerge can be used to "cross-compile", i.e., it can run in one version of the framework and generate the target assembly so it will run under a different assembly. The second argument is the directory in which mscorlib.dll is to be found.

Command line option: /targetplatform:version,platformdirectory

Default: null

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

### ILMerge.TargetPlatformVersion Property

ILMerge Class See Also Send Feedback

This method sets the .NET Framework for the target assembly to be the one specified by platform. Valid strings for the first argument are "v1", "v1.1", "v2", and "v4".

The "v" is case insensitive and is also optional. This way ILMerge can be used to "cross-compile", i.e., it can run in one version of the framework and generate the target assembly so it will run under a different assembly. The second argument is the directory in which mscorlib.dll is to be found.

Command line option: /targetplatform:version,platformdirectory

Default: null

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

## ILMerge.UnionMerge Property

ILMerge Class See Also Send Feedback

When this is true, then types with the same name are all merged into a single type in the target assembly. The single type is the union of all of the individual types in the input assemblies: it contains all of the members from each of the corresponding types in the input assemblies. It cannot be specified at the same time as /allowDup.

Command line option: /union

Default: false

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

## ILMerge.Version Property

ILMerge Class See Also Send Feedback

When this has a non-null value, then the target assembly will be given its value as the version number of the assembly. When specified on the command line, the version is read in as a string and should look like "6.2.1.3" (but without the quote marks). The version must be a valid assembly version as defined by the attribute Assembly Version in the System.Reflection namespace.

Command line option: /ver:version

Default: null

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

## ILMerge.XmlDocs Property

ILMerge Class See Also Send Feedback

This property controls whether XML documentation files are merged to produce an XML documentation file for the target assembly.

Command line option: /xmldocs

Default: false

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

ILMerge Class

TfsBuildExtensions.Activities.Framework Namespace

## ILMergeAction Enumeration

See Also Send Feedback

## ILMerge Action

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

# **■ Members**

| Member name | Value | Description |
|-------------|-------|-------------|
| Merge       | 0     | Merge       |

# TfsBuildExtensions.Activities.Framework Namespace

## TargetKind Enumeration

See Also Send Feedback

## TargetKind

Namespace: <u>TfsBuildExtensions.Activities.Framework</u> **Assembly:** TfsBuildExtensions.Activities.ILMerge (in

# **■ Members**

| Member name           | Value | Description           |
|-----------------------|-------|-----------------------|
| Dll                   | 0     | Dll                   |
| Exe                   | 1     | Exe                   |
| SameAsPrimaryAssembly | 2     | SameAsPrimaryAssembly |

# TfsBuildExtensions.Activities.Framework Namespace

# TfsBuildExtensions.Activities.Management Namespace

Send Feedback

# **■ Classes**

|             | Class      | Description   |
|-------------|------------|---|
| <b>*</b> \$ | <u>Wmi</u> | Valid Action values are:  |
|             |            | Execute ( <b>Required:</b> Class, Namespace, Method <b>Optional:</b> Instance, MethodParameters <b>Output:</b> ReturnValue) |
|             |            | Remote Execution Support: Yes   |

# **■ Enumerations**

| Enumeration      | Description |
|------------------|-------------|
| <b>WmiAction</b> | WmiAction   |
|                  |             |

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#### Wmi Class

Members See Also Send Feedback

#### Valid Action values are:

Execute (Required: Class, Namespace, Method Optional: Instance,

MethodParameters **Output:** ReturnValue)

**Remote Execution Support:** Yes

Namespace: <u>TfsBuildExtensions.Activities.Management</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

# **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseRemoteCodeActivity
TfsBuildExtensions.Activities.Management.Wmi

Wmi Members

<u>TfsBuildExtensions.Activities.Management Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

## Wmi Members

Wmi Class Constructors Properties See Also Send Feedback

The Wmi type exposes the following members.

# **■ Constructors**

|          | Name       | Description |
|----------|------------|-------------|
| <b>=</b> | <u>Wmi</u> |             |

# $\blacksquare$ Properties

| Name                    | Description                           |
|-------------------------|---------------------------------------|
| Action                  | Specifies the action to perform       |
| Class                   | Sets the WMI class.                   |
| <u>Instance</u>         | Sets the Wmi Instance used in Execute |
| Method                  | Sets the Method used in Execute       |
| <u>MethodParameters</u> | Sets the MethodParameters. Use #~#    |
|                         | separate name and value.              |
| <u>Namespace</u>        | Sets the namespace.                   |
| <u>ReturnValue</u>      | Gets the ReturnValue for Execute      |

Wmi Class

TfsBuildExtensions.Activities.Management Namespace

### Wmi Constructor

Wmi Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.Management}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

Wmi Class

<u>TfsBuildExtensions.Activities.Management Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

# Wmi Properties

Wmi Class See Also Send Feedback

The Wmi type exposes the following members.

# $\blacksquare$ Properties

| Name                    | Description                           |
|-------------------------|---------------------------------------|
| Action                  | Specifies the action to perform       |
| Class                   | Sets the WMI class.                   |
| <u>Instance</u>         | Sets the Wmi Instance used in Execute |
| Method                  | Sets the Method used in Execute       |
| <u>MethodParameters</u> | Sets the MethodParameters. Use #~#    |
|                         | separate name and value.              |
| <u>Namespace</u>        | Sets the namespace.                   |
| <u>ReturnValue</u>      | Gets the ReturnValue for Execute      |

Wmi Class

TfsBuildExtensions.Activities.Management Namespace

## Wmi.Action Property

Wmi Class See Also Send Feedback

## Specifies the action to perform

Namespace: <u>TfsBuildExtensions.Activities.Management</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

Wmi Class

<u>TfsBuildExtensions.Activities.Management Namespace</u>

#### Wmi.Class Property

Wmi Class See Also Send Feedback

Sets the WMI class.

Namespace: <u>TfsBuildExtensions.Activities.Management</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Wmi Class

<u>TfsBuildExtensions.Activities.Management Namespace</u>

#### Wmi.Instance Property

Wmi Class See Also Send Feedback

Sets the Wmi Instance used in Execute

Namespace: <u>TfsBuildExtensions.Activities.Management</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Wmi Class

<u>TfsBuildExtensions.Activities.Management Namespace</u>

#### Wmi.Method Property

Wmi Class See Also Send Feedback

#### Sets the Method used in Execute

Namespace: <u>TfsBuildExtensions.Activities.Management</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Wmi Class

<u>TfsBuildExtensions.Activities.Management Namespace</u>

#### Wmi.MethodParameters Property

Wmi Class See Also Send Feedback

Sets the MethodParameters. Use #~# separate name and value.

Namespace: <u>TfsBuildExtensions.Activities.Management</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Wmi Class

<u>TfsBuildExtensions.Activities.Management Namespace</u>

## Wmi.Namespace Property

Wmi Class See Also Send Feedback

Sets the namespace.

Namespace: <u>TfsBuildExtensions.Activities.Management</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Wmi Class

<u>TfsBuildExtensions.Activities.Management Namespace</u>

#### Wmi.ReturnValue Property

Wmi Class See Also Send Feedback

#### Gets the ReturnValue for Execute

Namespace: <u>TfsBuildExtensions.Activities.Management</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Wmi Class

<u>TfsBuildExtensions.Activities.Management Namespace</u>

#### WmiAction Enumeration

See Also Send Feedback

#### WmiAction

Namespace: <u>TfsBuildExtensions.Activities.Management</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# $\blacksquare$ Members

| Member name | <b>Value</b> | Description |
|-------------|--------------|-------------|
| Execute     | 0            | Execute     |

# TfsBuildExtensions.Activities.Management Namespace

# TfsBuildExtensions.Activities.Scripting Namespace

Send Feedback

# **■ Classes**

|    | Class | Description                    |
|----|-------|--------------------------------|
| 43 |       | A command to invoke powershell |
|    |       | scripts on a build agent       |

## InvokePowerShellCommand Class

Members See Also Send Feedback

A command to invoke powershell scripts on a build agent

Namespace: <u>TfsBuildExtensions.Activities.Scripting</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity

System.Activities.ActivityWithResult

System.Activities.Activity(PSObject[])

System.Activities.CodeActivity(PSObject[])

TfsBuildExtensions.Activities.Scripting.InvokePowerShellCommand

InvokePowerShellCommand Members
TfsBuildExtensions.Activities.Scripting Namespace

## InvokePowerShellCommand Members

<u>InvokePowerShellCommand Class Constructors Properties See Also Send Feedback</u>

The <u>InvokePowerShellCommand</u> type exposes the following members.

# **■ Constructors**

|           | Name                    | Description |
|-----------|-------------------------|-------------|
| <b>=♦</b> | InvokePowerShellCommand |             |

# **■ Properties**

|   | Name           | Description   |
|---|----------------|---|
| = | Arguments      | Gets or sets any arguments to be provided to the script   |
|   |                | Field Value   |
|   |                | An arguments list for the command as a string   |
|   | BuildWorkspace | Gets or sets the build workspace. This is used to obtain a powershell script from a source control path |
|   | Script         | Gets or sets the powershell command script to execute.  |

<u>InvokePowerShellCommand Class</u> <u>TfsBuildExtensions.Activities.Scripting Namespace</u>

#### InvokePowerShellCommand Constructor

InvokePowerShellCommand Class See Also Send Feedback

Namespace: <u>TfsBuildExtensions.Activities.Scripting</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>InvokePowerShellCommand Class</u>
<u>TfsBuildExtensions.Activities.Scripting Namespace</u>

# InvokePowerShellCommand Properties

InvokePowerShellCommand Class See Also Send Feedback

The <u>InvokePowerShellCommand</u> type exposes the following members.

# **■ Properties**

|   | Name           | Description   |
|---|----------------|---|
| = | Arguments      | Gets or sets any arguments to be provided to the script   |
|   |                | Field Value   |
|   |                | An arguments list for the command as a string   |
|   | BuildWorkspace | Gets or sets the build workspace. This is used to obtain a powershell script from a source control path |
|   | Script         | Gets or sets the powershell command script to execute.  |

<u>InvokePowerShellCommand Class</u> <u>TfsBuildExtensions.Activities.Scripting Namespace</u>

#### InvokePowerShellCommand.Arguments Property

InvokePowerShellCommand Class See Also Send Feedback

Gets or sets any arguments to be provided to the script

#### Field Value

An arguments list for the command as a string

Namespace: <u>TfsBuildExtensions.Activities.Scripting</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>InvokePowerShellCommand Class</u>
<u>TfsBuildExtensions.Activities.Scripting Namespace</u>

## InvokePowerShellCommand.BuildWorkspace Property

InvokePowerShellCommand Class See Also Send Feedback

Gets or sets the build workspace. This is used to obtain a powershell script from a source control path

Namespace: <u>TfsBuildExtensions.Activities.Scripting</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>InvokePowerShellCommand Class</u>
<u>TfsBuildExtensions.Activities.Scripting Namespace</u>

## InvokePowerShellCommand.Script Property

InvokePowerShellCommand Class See Also Send Feedback

Gets or sets the powershell command script to execute.

Namespace: <u>TfsBuildExtensions.Activities.Scripting</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>InvokePowerShellCommand Class</u>
<u>TfsBuildExtensions.Activities.Scripting Namespace</u>

# $Tfs Build Extensions. Activities. Sql Server\ Name space$

Send Feedback

## **■ Classes**

|    | Class             | Description  |
|----|-------------------|--|
| 43 | <u>SqlExecute</u> | Valid Actions are:   |
|    |                   | Execute ( <b>Required:</b> ConnectionString, Sql or Files <b>Optional:</b> CommandTimeout, Parameters, Retry, UseTransaction)          |
|    |                   | ExecuteRawReader (Required: ConnectionString, Sql Optional: CommandTimeout, Parameters, Retry, UseTransaction Output: RawReaderResult) |
|    |                   | ExecuteScalar (Required: ConnectionString, Sql Optional: CommandTimeout, Parameters, Retry, UseTransaction Output: ScalarResult)       |
|    |                   | Remote Execution Support: NA   |

## **■ Enumerations**

| SalEvacute Action SalEvacute Action | Enumeration             | Description      |
|-------------------------------------|-------------------------|------------------|
| SquexecuteAction SquexecuteAction   | <b>SqlExecuteAction</b> | SqlExecuteAction |

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### SqlExecute Class

Members See Also Send Feedback

#### Valid Actions are:

*Execute* (**Required:** ConnectionString, Sql or Files **Optional:** 

CommandTimeout, Parameters, Retry, UseTransaction)

ExecuteRawReader (Required: ConnectionString, Sql Optional:

CommandTimeout, Parameters, Retry, UseTransaction Output:

RawReaderResult)

ExecuteScalar (Required: ConnectionString, Sql Optional: CommandTimeout,

Parameters, Retry, UseTransaction Output: ScalarResult)

**Remote Execution Support:** NA

Namespace: <u>TfsBuildExtensions.Activities.SqlServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

## **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.SqlServer.SqlExecute

<u>SqlExecute Members</u> <u>TfsBuildExtensions.Activities.SqlServer Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

## SqlExecute Members

<u>SqlExecute Class Constructors Properties See Also Send Feedback</u>

The <u>SqlExecute</u> type exposes the following members.

## **■ Constructors**

|          | Name              | Description |
|----------|-------------------|-------------|
| <b>≡</b> | <u>SqlExecute</u> |             |

# **■ Properties**

| Name                  | Description  |  |
|-----------------------|--|--|
| Action                | Specifies the action to perform  |  |
| CommandTimeout        | Sets the timeout in seconds. Default is 30                               |  |
| ConnectionString      | Sets the connection string to use for executing the Sql or Files         |  |
| <u>Files</u>          | Sets the files to execute  |  |
| <u>Parameters</u>     | Sets the parameters to substitute at execution time                      |  |
| RawReaderResult       | Gets the raw output from the reader                                      |  |
| Retry                 | Specifies whether files should be re-<br>executed if they initially fail |  |
| <u>ScalarResult</u>   | Gets the scalar result   |  |
| <u>Sql</u>            | Sets the Sql to execute  |  |
| <u>UseTransaction</u> | Set to true to run the sql within a transaction                          |  |

<u>SqlExecute Class</u> <u>TfsBuildExtensions.Activities.SqlServer Namespace</u>

### SqlExecute Constructor

SqlExecute Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.SqlServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>SqlExecute Class</u> <u>TfsBuildExtensions.Activities.SqlServer Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

## SqlExecute Properties

SqlExecute Class See Also Send Feedback

The **SqlExecute** type exposes the following members.

# **■ Properties**

| Name                  | Description  |  |
|-----------------------|--|--|
| Action                | Specifies the action to perform  |  |
| CommandTimeout        | Sets the timeout in seconds. Default is 30                               |  |
| ConnectionString      | Sets the connection string to use for executing the Sql or Files         |  |
| <u>Files</u>          | Sets the files to execute  |  |
| <u>Parameters</u>     | Sets the parameters to substitute at execution time                      |  |
| RawReaderResult       | Gets the raw output from the reader                                      |  |
| Retry                 | Specifies whether files should be re-<br>executed if they initially fail |  |
| <u>ScalarResult</u>   | Gets the scalar result   |  |
| <u>Sql</u>            | Sets the Sql to execute  |  |
| <u>UseTransaction</u> | Set to true to run the sql within a transaction                          |  |

<u>SqlExecute Class</u> <u>TfsBuildExtensions.Activities.SqlServer Namespace</u>

### SqlExecute.Action Property

SqlExecute Class See Also Send Feedback

### Specifies the action to perform

Namespace: <u>TfsBuildExtensions.Activities.SqlServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>SqlExecute Class</u> <u>TfsBuildExtensions.Activities.SqlServer Namespace</u>

### SqlExecute.CommandTimeout Property

SqlExecute Class See Also Send Feedback

Sets the timeout in seconds. Default is 30

Namespace: <u>TfsBuildExtensions.Activities.SqlServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>SqlExecute Class</u> <u>TfsBuildExtensions.Activities.SqlServer Namespace</u>

### SqlExecute.ConnectionString Property

SqlExecute Class See Also Send Feedback

Sets the connection string to use for executing the Sql or Files

Namespace: <u>TfsBuildExtensions.Activities.SqlServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>SqlExecute Class</u> <u>TfsBuildExtensions.Activities.SqlServer Namespace</u>

### SqlExecute.Files Property

SqlExecute Class See Also Send Feedback

#### Sets the files to execute

Namespace: <u>TfsBuildExtensions.Activities.SqlServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>SqlExecute Class</u> <u>TfsBuildExtensions.Activities.SqlServer Namespace</u>

### SqlExecute.Parameters Property

SqlExecute Class See Also Send Feedback

Sets the parameters to substitute at execution time

Namespace: <u>TfsBuildExtensions.Activities.SqlServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>SqlExecute Class</u> <u>TfsBuildExtensions.Activities.SqlServer Namespace</u>

### SqlExecute.RawReaderResult Property

SqlExecute Class See Also Send Feedback

Gets the raw output from the reader

Namespace: <u>TfsBuildExtensions.Activities.SqlServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>SqlExecute Class</u> <u>TfsBuildExtensions.Activities.SqlServer Namespace</u>

### SqlExecute.Retry Property

SqlExecute Class See Also Send Feedback

Specifies whether files should be re-executed if they initially fail

Namespace: <u>TfsBuildExtensions.Activities.SqlServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>SqlExecute Class</u> <u>TfsBuildExtensions.Activities.SqlServer Namespace</u>

### SqlExecute.ScalarResult Property

SqlExecute Class See Also Send Feedback

#### Gets the scalar result

Namespace: <u>TfsBuildExtensions.Activities.SqlServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>SqlExecute Class</u> <u>TfsBuildExtensions.Activities.SqlServer Namespace</u>

### SqlExecute.Sql Property

SqlExecute Class See Also Send Feedback

### Sets the Sql to execute

Namespace: <u>TfsBuildExtensions.Activities.SqlServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>SqlExecute Class</u> <u>TfsBuildExtensions.Activities.SqlServer Namespace</u>

### SqlExecute.UseTransaction Property

SqlExecute Class See Also Send Feedback

Set to true to run the sql within a transaction

Namespace: <u>TfsBuildExtensions.Activities.SqlServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>SqlExecute Class</u> <u>TfsBuildExtensions.Activities.SqlServer Namespace</u>

### SqlExecuteAction Enumeration

See Also Send Feedback

## SqlExecute Action

Namespace: <u>TfsBuildExtensions.Activities.SqlServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

## **■ Members**

| Member name      | <b>Value</b> | Description |
|------------------|--------------|-------------|
| Execute          | 0            | Execute     |
| ExecuteScalar    | 1            | Execute     |
| ExecuteRawReader | 2            | Execute     |

## <u>TfsBuildExtensions.Activities.SqlServer Namespace</u>

TfsBuildExtensions.Activities.TeamFoundationServer Namespace Send Feedback

## **■ Classes**

|                 | Class                     | Description  |
|-----------------|---------------------------|--|
| <b>4</b> \$     | BuildReport               | Valid Action values are: Generate  |
| <b>%</b> \$     | <u>BuildWorkspace</u>     | Modifies the workspace associated with a Team Foundation Build <b>Valid Action values are:</b>                       |
|                 |                           | Add - <b>Required:</b> BuildDefinition, LocalItem, ServerItem  |
|                 |                           | ClearAll - Required: BuildDefinition   |
|                 |                           | Remove - Required: BuildDefinition, LocalItem <i>or</i> ServerItem   |
| <del>*</del> \$ | GetBuildController        | Workflow activity that gets an <b>IBuildController</b> based on the Build Server and controller name provided.       |
| 43              | <u>GetBuildDefinition</u> | Workflow activity that gets an <b>IBuildDefinition</b> based on the Build Server and build definition name provided. |
| <del>4</del> 3  | <u>GetBuildServer</u>     | Workflow activity that gets an <b>IBuildServer</b> based on the Team Foundation Server URL that is provided.         |
| <b>4</b> \$     | <u>GetWebAccessUrl</u>    | Valid Action values are:   |
|                 |                           | BuildDetails - Required: TeamProjectCollection, ItemId Output: Result  |
|                 |                           | WorkItemEditor - Required: TeamProjectCollection, ItemUri Output: Result   |
| <b>₹</b> \$     | QueueBuild                | Workflow activity that queues a new build with the specified build definition and TFS Build Server.                  |
| <b>9</b> \$     | TFBaseCodeActivity        | Base class for TFS Activities that require a TeamProjectCollection   |

| <b>4</b> \$ | <u>TfsSource</u>  | Activity to wrap TF.exe commands for simple integration in the build process.  |
|-------------|-------------------|--|
|             |                   | Valid Action values are:   |
|             |                   | Add - Add an item  |
|             |                   | Checkin - Checkin pending changes  |
|             |                   | Checkout - Checkout an item  |
|             |                   | Delete - Delete an item  |
|             |                   | Undelete - Undelete a deleted item   |
|             |                   | UndoCheckout - Undo a checked out item   |
| <b>4</b> \$ | <u>TfsVersion</u> | TfsVersion   |
| <b>4</b> \$ | WorkItemTracking  | Performs operations on Team Foundation Work Items <b>Valid Action values are:</b>  |
|             |                   | <ul><li><i>GetById</i> - Returns a work item by id.</li><li><b>Required:</b> TeamProjectCollection,</li><li>WorkItemId <b>Output:</b> WorkItem</li></ul> |
|             |                   | Save - Saves a work item to the work item store. <b>Required:</b> TeamProjectCollection, WorkItem  |
|             |                   | Resets - Discards all changes and resets to current version. <b>Required:</b> TeamProjectCollection, WorkItem  |
|             |                   | GetFieldValue - Gets the value of a work item field. <b>Required:</b> TeamProjectCollection, WorkItem, FieldName <b>Output:</b> FieldValue               |
|             |                   | SetFieldValue - Sets the value of a work item field. <b>Required:</b> TeamProjectCollection, WorkItem, FieldName, FieldValue                             |

## **Enumerations**

| Enumeration                             | Description             |
|---|-------------------------|
| BuildReportAction                       | BuildReportAction       |
| <u>BuildWorkspaceAction</u>             | BuildWorkspaceAction    |
| <u>GetWebAccessUrlAction</u>            | GuidAction              |
| <u>TfsAction</u>                        | TF action to perform    |
| <b>TfsVersionAction</b>                 | TfsVersionAction        |
| $\underline{TfsVersionVersionFormat}$   | TfsVersionVersionFormat |
| $\underline{Work Item Tracking Action}$ | WorkItemTrackingAction  |

#### **BuildReport Class**

Members See Also Send Feedback

Valid Action values are: Generate

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

## **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity

Tfs Build Extensions. Activities. Team Foundation Server. Build Report

BuildReport Members
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

-

TFS Build Extensions Help (v1.0.0.6)

## **BuildReport Members**

BuildReport Class Constructors Properties See Also Send Feedback

The **BuildReport** type exposes the following members.

## **■ Constructors**

|          | Name        | Description |
|----------|-------------|-------------|
| <b>=</b> | BuildReport |             |

# **■ Properties**

| Name                         | Description  |
|------------------------------|--|
| Action                       | Specifies the action to perform  |
| <u>AssociatedChangesets</u>  | Sets the changesets associated with the build  |
| Attachments                  | An Item Collection of full paths of files to attach to the email.  |
| <u>EmailReport</u>           | Sets whether to email the report. Default is false   |
| <u>EnableSsl</u>             | Sets whether to EnableSsl  |
| <u>FilePath</u>              | Sets the Build Report file path. Defaults to the build DropLocation  |
| Format                       | Sets the format of the email. Default is Text  |
| <u>MailFrom</u>              | The email address to send the email from.  |
| <u>MailTo</u>                | Sets the Item Collection of email address to send the email to.  |
| Port                         | Sets the port to use. Ignored if not specified.  |
| Priority                     | The priority of the email. Default is Normal   |
| ReportFileName               | Sets the Build Report file name. Defaults to BuildReport.txt   |
| <u>SkipFiles</u>             | Sets whether to skip the reporting of all files in the DropLocation. Default is false;   |
| <u>SmtpServer</u>            | The SMTP server to use to send the email.  |
| Subject                      | The subject of the email. Defaults to "Build Report: BUILDNAME (BUILDNUMBER)"  |
| <u>UseDefaultCredentials</u> | Gets or sets a Boolean value that controls whether the DefaultCredentials are sent with requests. DefaultCredentials represents the system credentials for the |

|                     | current security context in which the application is running. Default is true.  If UserName and UserPassword is supplied, this is set to false. If UserName and UserPassword are not supplied and this is set to false then mail is sent to the server anonymously. |
|---------------------|---|
|                     | If you provide credentials for basic authentication, they are sent to the server in clear text. This can present a security issue because your credentials can be seen, and then used by others.  |
| <u>UserName</u>     | Sets the UserName if SmtpClient requires credentials  |
| <u>UserPassword</u> | Sets the UserPassword if SmtpClient requires credentials  |
| XslTransformFile    | Sets the Xsl File to transform the Xml report. An embbeded Xsl file is used by default.   |

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

### BuildReport Constructor

BuildReport Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

## **BuildReport Properties**

BuildReport Class See Also Send Feedback

The **BuildReport** type exposes the following members.

# **■ Properties**

| Name                         | Description  |
|------------------------------|--|
| Action                       | Specifies the action to perform  |
| <u>AssociatedChangesets</u>  | Sets the changesets associated with the build  |
| Attachments                  | An Item Collection of full paths of files to attach to the email.  |
| <u>EmailReport</u>           | Sets whether to email the report. Default is false   |
| <u>EnableSsl</u>             | Sets whether to EnableSsl  |
| <u>FilePath</u>              | Sets the Build Report file path. Defaults to the build DropLocation  |
| Format                       | Sets the format of the email. Default is Text  |
| <u>MailFrom</u>              | The email address to send the email from.  |
| <u>MailTo</u>                | Sets the Item Collection of email address to send the email to.  |
| Port                         | Sets the port to use. Ignored if not specified.  |
| Priority                     | The priority of the email. Default is Normal   |
| ReportFileName               | Sets the Build Report file name. Defaults to BuildReport.txt   |
| <u>SkipFiles</u>             | Sets whether to skip the reporting of all files in the DropLocation. Default is false;   |
| <u>SmtpServer</u>            | The SMTP server to use to send the email.  |
| Subject                      | The subject of the email. Defaults to "Build Report: BUILDNAME (BUILDNUMBER)"  |
| <u>UseDefaultCredentials</u> | Gets or sets a Boolean value that controls whether the DefaultCredentials are sent with requests. DefaultCredentials represents the system credentials for the |

|                         | current security context in which the application is running. Default is true.  If UserName and UserPassword is supplied, this is set to false. If UserName and UserPassword are not supplied and this is set to false then mail is sent to the server anonymously. |
|-------------------------|---|
|                         | If you provide credentials for basic authentication, they are sent to the server in clear text. This can present a security issue because your credentials can be seen, and then used by others.  |
| <u>UserName</u>         | Sets the UserName if SmtpClient requires credentials  |
| UserPassword            | Sets the UserPassword if SmtpClient requires credentials  |
| <u>XslTransformFile</u> | Sets the Xsl File to transform the Xml report. An embbeded Xsl file is used by default.   |

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

### BuildReport.Action Property

BuildReport Class See Also Send Feedback

### Specifies the action to perform

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### BuildReport.AssociatedChangesets Property

BuildReport Class See Also Send Feedback

Sets the changesets associated with the build

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### BuildReport.Attachments Property

BuildReport Class See Also Send Feedback

An Item Collection of full paths of files to attach to the email.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### BuildReport.EmailReport Property

BuildReport Class See Also Send Feedback

Sets whether to email the report. Default is false

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

### BuildReport.EnableSsl Property

BuildReport Class See Also Send Feedback

Sets whether to EnableSsl

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

### BuildReport.FilePath Property

BuildReport Class See Also Send Feedback

Sets the Build Report file path. Defaults to the build DropLocation

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

### **BuildReport.Format Property**

BuildReport Class See Also Send Feedback

Sets the format of the email. Default is Text

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

### BuildReport.MailFrom Property

BuildReport Class See Also Send Feedback

The email address to send the email from.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

### BuildReport.MailTo Property

BuildReport Class See Also Send Feedback

Sets the Item Collection of email address to send the email to.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### BuildReport.Port Property

BuildReport Class See Also Send Feedback

Sets the port to use. Ignored if not specified.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## BuildReport.Priority Property

BuildReport Class See Also Send Feedback

The priority of the email. Default is Normal

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### BuildReport.ReportFileName Property

BuildReport Class See Also Send Feedback

Sets the Build Report file name. Defaults to BuildReport.txt

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## BuildReport.SkipFiles Property

BuildReport Class See Also Send Feedback

Sets whether to skip the reporting of all files in the DropLocation. Default is false;

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### BuildReport.SmtpServer Property

BuildReport Class See Also Send Feedback

The SMTP server to use to send the email.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## BuildReport.Subject Property

BuildReport Class See Also Send Feedback

The subject of the email. Defaults to "Build Report: BUILDNAME (BUILDNUMBER)"

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### BuildReport.UseDefaultCredentials Property

BuildReport Class See Also Send Feedback

Gets or sets a Boolean value that controls whether the DefaultCredentials are sent with requests. DefaultCredentials represents the system credentials for the current security context in which the application is running. Default is true.

If UserName and UserPassword is supplied, this is set to false. If UserName and UserPassword are not supplied and this is set to false then mail is sent to the server anonymously.

If you provide credentials for basic authentication, they are sent to the server in clear text. This can present a security issue because your credentials can be seen, and then used by others.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## BuildReport.UserName Property

BuildReport Class See Also Send Feedback

Sets the UserName if SmtpClient requires credentials

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## BuildReport.UserPassword Property

BuildReport Class See Also Send Feedback

Sets the UserPassword if SmtpClient requires credentials

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## BuildReport.XslTransformFile Property

BuildReport Class See Also Send Feedback

Sets the Xsl File to transform the Xml report. An embbeded Xsl file is used by default.

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildReport Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### BuildReportAction Enumeration

See Also Send Feedback

## Build Report Action

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# $\blacksquare$ Members

| Member name | <b>Value</b> | Description |
|-------------|--------------|-------------|
| Generate    | 0            | Generate    |

# <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### **BuildWorkspace Class**

Members See Also Send Feedback

Modifies the workspace associated with a Team Foundation Build **Valid Action values are:** 

*Add* - **Required:** BuildDefinition, LocalItem, ServerItem

ClearAll - **Required:** BuildDefinition

*Remove* - **Required:** BuildDefinition, LocalItem *or* ServerItem

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity

Tfs Build Extensions. Activities. Team Foundation Server. Build Workspace and the property of the property o

<u>BuildWorkspace Members</u>
<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

## BuildWorkspace Members

BuildWorkspace Class Constructors Properties See Also Send Feedback

The **BuildWorkspace** type exposes the following members.

# **■ Constructors**

|          | Name                  | Description |
|----------|-----------------------|-------------|
| <b>≅</b> | <u>BuildWorkspace</u> |             |

# **■ Properties**

| Name            | Description   |
|-----------------|---|
| Action          | Specifies the action to perform. Default is Add.  |
| BuildDefinition | The build definition that will be modified by the activity.   |
| LocalItem       | Local path for the build definition workspace. Use \$(SourceDir)[\Path] to use the build agent's default. |
| ServerItem      | Server (source control) path that will be mapped to the workspace   |

<u>BuildWorkspace Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## BuildWorkspace Constructor

BuildWorkspace Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildWorkspace Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

## **BuildWorkspace Properties**

BuildWorkspace Class See Also Send Feedback

The **BuildWorkspace** type exposes the following members.

# **■ Properties**

| Name            | Description   |
|-----------------|---|
| Action          | Specifies the action to perform. Default is Add.  |
| BuildDefinition | The build definition that will be modified by the activity.   |
| LocalItem       | Local path for the build definition workspace. Use \$(SourceDir)[\Path] to use the build agent's default. |
| ServerItem      | Server (source control) path that will be mapped to the workspace   |

<u>BuildWorkspace Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

# BuildWorkspace.Action Property

BuildWorkspace Class See Also Send Feedback

Specifies the action to perform. Default is Add.

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildWorkspace Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## BuildWorkspace.BuildDefinition Property

BuildWorkspace Class See Also Send Feedback

The build definition that will be modified by the activity.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildWorkspace Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

# BuildWorkspace.LocalItem Property

BuildWorkspace Class See Also Send Feedback

Local path for the build definition workspace. Use \$(SourceDir)[\Path] to use the build agent's default.

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildWorkspace Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## BuildWorkspace.ServerItem Property

BuildWorkspace Class See Also Send Feedback

Server (source control) path that will be mapped to the workspace

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>BuildWorkspace Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### BuildWorkspaceAction Enumeration

See Also Send Feedback

# BuildWork space Action

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Members**

| Member name | <b>Value</b> | Description |
|-------------|--------------|-------------|
| Add         | 0            | Add         |
| Remove      | 1            | Remove      |
| Clear       | 2            | Clear       |

# <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### GetBuildController Class

Members See Also Send Feedback

Workflow activity that gets an **IBuildController** based on the Build Server and controller name provided.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Inheritance Hierarchy**

**System.Object** 

System. Activities. Activity

System.Activities.ActivityWithResult

System.Activities.Activity(IBuildController)

<u>System.Activities.CodeActivity</u>(IBuildController)

Tfs Build Extensions. Activities. Team Foundation Server. Get Build Cont

<u>GetBuildController Members</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

# GetBuildController Members

GetBuildController Class Constructors Properties See Also Send Feedback

The **GetBuildController** type exposes the following members.

# **■ Constructors**

|          | Name                      | Description |
|----------|---------------------------|-------------|
| <b>≡</b> | <u>GetBuildController</u> |             |

# **■ Properties**

| Name                | Description  |
|---------------------|--|
| BuildControllerName | The build controller's name that exists on the TFS server.   |
| BuildServer         | The <b>IBuildServer</b> object for the Team Foundation Server and Team Project Collection to use that contains the build controller. |

<u>GetBuildController Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### GetBuildController Constructor

GetBuildController Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>GetBuildController Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

# $Get Build Controller\ Properties$

GetBuildController Class See Also Send Feedback

The  $\underline{\text{GetBuildController}}$  type exposes the following members.

# **■ Properties**

| Name                | Description  |
|---------------------|--|
| BuildControllerName | The build controller's name that exists on the TFS server.   |
| BuildServer         | The <b>IBuildServer</b> object for the Team Foundation Server and Team Project Collection to use that contains the build controller. |

<u>GetBuildController Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## GetBuildController.BuildControllerName Property

GetBuildController Class See Also Send Feedback

The build controller's name that exists on the TFS server.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>GetBuildController Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## GetBuildController.BuildServer Property

GetBuildController Class See Also Send Feedback

The **IBuildServer** object for the Team Foundation Server and Team Project Collection to use that contains the build controller.

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>GetBuildController Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### GetBuildDefinition Class

Members See Also Send Feedback

Workflow activity that gets an **IBuildDefinition** based on the Build Server and build definition name provided.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Inheritance Hierarchy**

**System.Object** 

System. Activities. Activity

System.Activities.ActivityWithResult

<u>System.Activities.Activity</u>(IBuildDefinition)

<u>System.Activities.CodeActivity</u>(IBuildDefinition)

Tfs Build Extensions. Activities. Team Foundation Server. Get Build Defir

<u>GetBuildDefinition Members</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

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# TFS Build Extensions Help (v1.0.0.6) GetBuildDefinition Members

GetBuildDefinition Class Constructors Properties See Also Send Feedback

The **GetBuildDefinition** type exposes the following members.

# **■ Constructors**

|          | Name                      | Description |
|----------|---------------------------|-------------|
| <b>≡</b> | <u>GetBuildDefinition</u> |             |

# **■ Properties**

| Name                   | Description  |
|------------------------|--|
| BuildDefinitionName    | The name of the build definition to return.  |
| BuildServer            | The <b>IBuildServer</b> object for the Team Foundation Server and Team Project Collection to use that contains the build definition. |
| <u>TeamProjectName</u> | The name of the team project where the build definition exists.  |

<u>GetBuildDefinition Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### GetBuildDefinition Constructor

GetBuildDefinition Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>GetBuildDefinition Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## GetBuildDefinition Properties

GetBuildDefinition Class See Also Send Feedback

The **GetBuildDefinition** type exposes the following members.

# **■ Properties**

| Name                   | Description  |
|------------------------|--|
| BuildDefinitionName    | The name of the build definition to return.  |
| BuildServer            | The <b>IBuildServer</b> object for the Team Foundation Server and Team Project Collection to use that contains the build definition. |
| <u>TeamProjectName</u> | The name of the team project where the build definition exists.  |

<u>GetBuildDefinition Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### GetBuildDefinition.BuildDefinitionName Property

GetBuildDefinition Class See Also Send Feedback

The name of the build definition to return.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>GetBuildDefinition Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### GetBuildDefinition.BuildServer Property

GetBuildDefinition Class See Also Send Feedback

The **IBuildServer** object for the Team Foundation Server and Team Project Collection to use that contains the build definition.

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>GetBuildDefinition Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### GetBuildDefinition.TeamProjectName Property

GetBuildDefinition Class See Also Send Feedback

The name of the team project where the build definition exists.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>GetBuildDefinition Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### GetBuildServer Class

Members See Also Send Feedback

Workflow activity that gets an **IBuildServer** based on the Team Foundation Server URL that is provided.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

## **■ Inheritance Hierarchy**

**System.Object** 

System. Activities. Activity

System.Activities.ActivityWithResult

System.Activities.Activity(IBuildServer)

<u>System.Activities.CodeActivity</u>(**IBuildServer**)

TfsBuildExtensions.Activities.TeamFoundationServer.GetBuildServe

<u>GetBuildServer Members</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

### GetBuildServer Members

GetBuildServer Class Constructors Properties See Also Send Feedback

The **GetBuildServer** type exposes the following members.

## **■ Constructors**

|          | Name                  | Description |
|----------|-----------------------|-------------|
| <b>≡</b> | <u>GetBuildServer</u> |             |

# **■ Properties**

| Name                           | Description                     |
|--------------------------------|---------------------------------|
| <u>TeamFoundationServerUrl</u> | The URL for the Team Foundation |
|                                | Server to use.                  |

<u>GetBuildServer Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### GetBuildServer Constructor

GetBuildServer Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>GetBuildServer Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

### GetBuildServer Properties

GetBuildServer Class See Also Send Feedback

The **GetBuildServer** type exposes the following members.

# **■ Properties**

| Name                           | Description                     |
|--------------------------------|---------------------------------|
| <u>TeamFoundationServerUrl</u> | The URL for the Team Foundation |
|                                | Server to use.                  |

<u>GetBuildServer Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

### GetBuildServer.TeamFoundationServerUrl Property

GetBuildServer Class See Also Send Feedback

The URL for the Team Foundation Server to use.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>GetBuildServer Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### GetWebAccessUrl Class

Members See Also Send Feedback

#### Valid Action values are:

BuildDetails - Required: TeamProjectCollection, ItemId Output: Result

WorkItemEditor - Required: TeamProjectCollection, ItemUri Output: Result

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

### **■ Inheritance Hierarchy**

System.Object

System. Activities. Activity

System.Activities.CodeActivity

TfsBuildExtensions.Activities.BaseCodeActivity

TfsBuildExtensions.Activities.TeamFoundationServer.TFBaseCodeActivi

TfsBuildExtensions.Activities.TeamFoundationServer.GetWebAcces

<u>GetWebAccessUrl Members</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

### GetWebAccessUrl Members

GetWebAccessUrl Class Constructors Properties See Also Send Feedback

The <u>GetWebAccessUrl</u> type exposes the following members.

## **■ Constructors**

|          | Name                   | Description |
|----------|------------------------|-------------|
| <b>≡</b> | <u>GetWebAccessUrl</u> |             |

# **■ Properties**

| Name           | Description   |
|----------------|---|
| Action         | Specifies the action to perform. Default is BuildDetails.   |
| <u>ItemId</u>  | <ul><li>Team Foundation ID for the linked item</li><li>WorkItemEditor - the work item id.</li></ul> |
| <u>ItemUri</u> | <ul><li>Team Foundation Uri for specific items</li><li>BuildDetails - Uri for the build.</li></ul>  |
| Result         | Result Url for the item in TFS Web Access.  |

<u>GetWebAccessUrl Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### GetWebAccessUrl Constructor

GetWebAccessUrl Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>GetWebAccessUrl Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## GetWebAccessUrl Properties

GetWebAccessUrl Class See Also Send Feedback

The <u>GetWebAccessUrl</u> type exposes the following members.

# **■ Properties**

| Name           | Description   |
|----------------|---|
| Action         | Specifies the action to perform. Default is BuildDetails.   |
| <u>ItemId</u>  | <ul><li>Team Foundation ID for the linked item</li><li>WorkItemEditor - the work item id.</li></ul> |
| <u>ItemUri</u> | <ul><li>Team Foundation Uri for specific items</li><li>BuildDetails - Uri for the build.</li></ul>  |
| Result         | Result Url for the item in TFS Web Access.  |

<u>GetWebAccessUrl Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

### GetWebAccessUrl.Action Property

GetWebAccessUrl Class See Also Send Feedback

Specifies the action to perform. Default is BuildDetails.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>GetWebAccessUrl Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## GetWebAccessUrl.ItemId Property

GetWebAccessUrl Class See Also Send Feedback

#### Team Foundation ID for the linked item

• WorkItemEditor - the work item id.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>GetWebAccessUrl Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## GetWebAccessUrl.ItemUri Property

GetWebAccessUrl Class See Also Send Feedback

## Team Foundation Uri for specific items

• BuildDetails - Uri for the build.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>GetWebAccessUrl Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## GetWebAccessUrl.Result Property

GetWebAccessUrl Class See Also Send Feedback

Result Url for the item in TFS Web Access.

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>GetWebAccessUrl Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### GetWebAccessUrlAction Enumeration

See Also Send Feedback

#### GuidAction

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Members**

| Member name    | <b>Value</b> | Description    |
|----------------|--------------|----------------|
| BuildDetails   | 0            | BuildDetails   |
| WorkItemEditor | 1            | WorkItemEditor |

# <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### QueueBuild Class

Members See Also Send Feedback

Workflow activity that queues a new build with the specified build definition and TFS Build Server.

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Inheritance Hierarchy**

**System.Object** 

System. Activities. Activity

System.Activities.ActivityWithResult

<u>System.Activities.Activity</u>(**IQueuedBuild**)

<u>System.Activities.CodeActivity</u>(**IQueuedBuild**)

Tfs Build Extensions. Activities. Team Foundation Server. Queue Build

<u>QueueBuild Members</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

# QueueBuild Members

QueueBuild Class Constructors Properties See Also Send Feedback

The **QueueBuild** type exposes the following members.

# **■ Constructors**

|          | Name              | Description |
|----------|-------------------|-------------|
| <b>≅</b> | <u>QueueBuild</u> |             |

# **■ Properties**

| Name                     | Description   |
|--------------------------|---|
| BuildController          | The <b>IBuildController</b> object to use to queue a new build if different from the default build controller as specified in the build definition.   |
| BuildDefinition          | The <b>IBuildDefinition</b> object to use to queue a new build.   |
| BuildServer              | The <b>IBuildServer</b> object for the Team Foundation Server and Team Project Collection to use that contains the build definition.  |
| Priority                 | The build priority to use when placing the new build request on the queue.  |
| <u>ProcessParameters</u> | The process parameters to use whenever queuing a new build if you would like to change any of the parameters from their default values specified in the build definition or in the process template file. |

<u>QueueBuild Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### QueueBuild Constructor

QueueBuild Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

QueueBuild Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

-

TFS Build Extensions Help (v1.0.0.6)

# QueueBuild Properties

QueueBuild Class See Also Send Feedback

The **QueueBuild** type exposes the following members.

# **■ Properties**

| Name                     | Description   |
|--------------------------|---|
| BuildController          | The <b>IBuildController</b> object to use to queue a new build if different from the default build controller as specified in the build definition.   |
| BuildDefinition          | The <b>IBuildDefinition</b> object to use to queue a new build.   |
| BuildServer              | The <b>IBuildServer</b> object for the Team Foundation Server and Team Project Collection to use that contains the build definition.  |
| Priority                 | The build priority to use when placing the new build request on the queue.  |
| <u>ProcessParameters</u> | The process parameters to use whenever queuing a new build if you would like to change any of the parameters from their default values specified in the build definition or in the process template file. |

<u>QueueBuild Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## QueueBuild.BuildController Property

QueueBuild Class See Also Send Feedback

The **IBuildController** object to use to queue a new build if different from the default build controller as specified in the build definition.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

QueueBuild Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

## QueueBuild.BuildDefinition Property

QueueBuild Class See Also Send Feedback

The **IBuildDefinition** object to use to queue a new build.

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

QueueBuild Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

## QueueBuild.BuildServer Property

QueueBuild Class See Also Send Feedback

The **IBuildServer** object for the Team Foundation Server and Team Project Collection to use that contains the build definition.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

QueueBuild Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

## QueueBuild.Priority Property

QueueBuild Class See Also Send Feedback

The build priority to use when placing the new build request on the queue.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# $\blacksquare$ Remarks

The default value is **Normal()**.

QueueBuild Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

## QueueBuild.ProcessParameters Property

QueueBuild Class See Also Send Feedback

The process parameters to use whenever queuing a new build if you would like to change any of the parameters from their default values specified in the build definition or in the process template file.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

QueueBuild Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

#### TFBaseCodeActivity Class

Members See Also Send Feedback

Base class for TFS Activities that require a TeamProjectCollection

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

## **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity

TfsBuildExtensions.Activities.BaseCodeActivity

TfsBuildExtensions.Activities.TeamFoundationServer.TFBaseCodeActivities.TeamFoundationServer.GetWebAccessUrlTfsBuildExtensions.Activities.TeamFoundationServer.WorkItemTracking

<u>TFBaseCodeActivity Members</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

## TFBaseCodeActivity Members

TFBaseCodeActivity Class Properties See Also Send Feedback

The <u>TFBaseCodeActivity</u> type exposes the following members.

# $\blacksquare$ Properties

| Name                         | Description                                |
|------------------------------|--|
| <u>TeamProjectCollection</u> | Team Project Collection for this activity. |

<u>TFBaseCodeActivity Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## TFBaseCodeActivity Properties

TFBaseCodeActivity Class See Also Send Feedback

The <u>TFBaseCodeActivity</u> type exposes the following members.

# $\blacksquare$ Properties

| Name                         | Description                                |
|------------------------------|--|
| <u>TeamProjectCollection</u> | Team Project Collection for this activity. |

<u>TFBaseCodeActivity Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TFBaseCodeActivity.TeamProjectCollection Property

TFBaseCodeActivity Class See Also Send Feedback

Team Project Collection for this activity.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

<u>TFBaseCodeActivity Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsAction Enumeration

See Also Send Feedback

### TF action to perform

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Members**

| Member name  | <b>Value</b> | Description              |
|--------------|--------------|--------------------------|
| Add          | 0            | Add item(s)              |
| Checkin      | 1            | Checkin item(s)          |
| Checkout     | 2            | Checkout item(s)         |
| Delete       | 3            | Delete item(s)           |
| Undelete     | 4            | Undelete item(s)         |
| UndoCheckout | 5            | Undo checked out item(s) |

# <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsSource Class

Members Example See Also Send Feedback

Activity to wrap TF.exe commands for simple integration in the build process.

#### **Valid Action values are:**

Add - Add an item

Checkin - Checkin pending changes

Checkout - Checkout an item

Delete - Delete an item

*Undelete* - Undelete a deleted item

UndoCheckout - Undo a checked out item

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

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```
<Sequence DisplayName="TFSBuildExtensions TfsSource S</pre>
<Sequence. Variables>
    <Variable x:TypeArguments="x:String" Default="C:\</pre>
    <Variable x:TypeArguments="x:String" Default="C:\</pre>
    <Variable x:TypeArguments="x:String" Default="A c</pre>
    <Variable x:TypeArguments="x:String" Default="A p</pre>
    <Variable x:TypeArguments="x:String" Default="Def</pre>
</Sequence.Variables>
<!-- Add item to version control -->
<tat:TfsSource
    DisplayName="Add file"
    Action="[TfsAction.Add]"
    Itemspec="[ItemSpec]"
    WorkingDirectory="[WorkingDirectory]" />
<!-- Checkin pending changes with comment -->
<tat:TfsSource
    DisplayName="Checkin"
    Action="[TfsAction.Checkin]"
    Collection="[ProjectCollection]"
    Comments="[CheckinComment]"
    OverrideReason="{x:Null}"
    Notes="{x:Null}"
    Recursive="{x:Null}"
    WorkingDirectory="[WorkingDirectory]" />
<!-- Checkin pending changes with policy override -->
<tat:TfsSource
    DisplayName="Checkin"
    Action="[TfsAction.Checkin]"
    Collection="[ProjectCollection]"
    OverrideReason="[OverrideReason]"
    WorkingDirectory="[WorkingDirectory]" />
<!-- Checkout item from version control -->
```

```
<tat:TfsSource
    DisplayName="Checkout"
   Action="[TfsAction.Checkout]"
    Itemspec="[ItemSpec]"
   WorkingDirectory="[WorkingDirectory]" />
<!-- Delete item from version control -->
<tat:TfsSource
    DisplayName="Delete file"
   Action="[TfsAction.Delete]"
    Collection="[ProjectCollection]"
    Itemspec="[ItemSpec]"
   WorkingDirectory="[WorkingDirectory]" />
<!-- Undelete delete from version control -->
<tat:TfsSource
    DisplayName="Undelete file"
   Action="[TfsAction.Undelete]"
    Itemspec="[ItemSpec]"
   WorkingDirectory="[WorkingDirectory]" />
<!-- Undo Checkout -->
<tat:TfsSource
    DisplayName="Undo Checkout"
   Action="[TfsAction.UndoCheckout]"
    Collection="[ProjectCollection]"
    Itemspec="[ItemSpec]"
   WorkingDirectory="[WorkingDirectory]" />
</Sequence>
```

# **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity

TfsBuildExtensions.Activities.TeamFoundationServer.TfsSource

**TfsSource Members** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

### TfsSource Members

TfsSource Class Constructors Properties See Also Send Feedback

The <u>TfsSource</u> type exposes the following members.

## **■ Constructors**

|          | Name             | Description |
|----------|------------------|-------------|
| <b>≡</b> | <u>TfsSource</u> |             |

# **■ Properties**

| Name                  | Description   |
|-----------------------|---|
| Action                | The action to perform                                     |
| Collection            | TFS collection to perform action on                       |
| Comments              | Optional checkin comment                                  |
| <u>Itemspec</u>       | Item to operate on  |
| <u>Login</u>          | Optional login information, format: username [, password] |
| <u>Notes</u>          | Optional checkin notes                                    |
| <u>OverrideReason</u> | Optional checkin policy override reason                   |
| Recursive             | Performs the operation recursively.  Defaults to true     |
| ReturnCode            | Gets the Return Code from TF checkout                     |
| <u>ToolPath</u>       | Path to TF.exe. Defaults to %VS100COMNTOOLS%\\IDE\tf.exe  |
| WorkingDirectory      | Working directory used when executing command             |

**TfsSource Class** 

 $\underline{TfsBuildExtensions.Activities.TeamFoundationServer\ Namespace}$ 

#### TfsSource Constructor

<u>TfsSource Class See Also Send Feedback</u>

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsSource Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

### **TfsSource Properties**

TfsSource Class See Also Send Feedback

The <u>TfsSource</u> type exposes the following members.

# **■ Properties**

| Name                  | Description   |
|-----------------------|---|
| Action                | The action to perform                                     |
| Collection            | TFS collection to perform action on                       |
| Comments              | Optional checkin comment                                  |
| <u>Itemspec</u>       | Item to operate on  |
| <u>Login</u>          | Optional login information, format: username [, password] |
| <u>Notes</u>          | Optional checkin notes                                    |
| <u>OverrideReason</u> | Optional checkin policy override reason                   |
| Recursive             | Performs the operation recursively.  Defaults to true     |
| ReturnCode            | Gets the Return Code from TF checkout                     |
| <u>ToolPath</u>       | Path to TF.exe. Defaults to %VS100COMNTOOLS%\\IDE\tf.exe  |
| WorkingDirectory      | Working directory used when executing command             |

**TfsSource Class** 

 $\underline{TfsBuildExtensions.Activities.TeamFoundationServer\ Namespace}$ 

#### TfsSource.Action Property

TfsSource Class See Also Send Feedback

### The action to perform

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsSource Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsSource.Collection Property

TfsSource Class See Also Send Feedback

TFS collection to perform action on

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsSource Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsSource.Comments Property

TfsSource Class See Also Send Feedback

### Optional checkin comment

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsSource Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

### TfsSource.Itemspec Property

TfsSource Class See Also Send Feedback

#### Item to operate on

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsSource Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

### TfsSource.Login Property

TfsSource Class See Also Send Feedback

Optional login information, format: username [, password]

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsSource Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

### TfsSource.Notes Property

TfsSource Class See Also Send Feedback

### Optional checkin notes

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsSource Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsSource.OverrideReason Property

TfsSource Class See Also Send Feedback

## Optional checkin policy override reason

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsSource Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsSource.Recursive Property

TfsSource Class See Also Send Feedback

Performs the operation recursively. Defaults to true

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsSource Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## TfsSource.ReturnCode Property

TfsSource Class See Also Send Feedback

#### Gets the Return Code from TF checkout

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsSource Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## TfsSource.ToolPath Property

TfsSource Class See Also Send Feedback

Path to TF.exe. Defaults to %VS100COMNTOOLS%\..\IDE\tf.exe

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsSource Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsSource.WorkingDirectory Property

TfsSource Class See Also Send Feedback

Working directory used when executing command

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsSource Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### **TfsVersion Class**

Members See Also Send Feedback

#### **TfsVersion**

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

## **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity

TfsBuildExtensions.Activities.TeamFoundationServer.TfsVersion

<u>TfsVersion Members</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

## TfsVersion Members

<u>TfsVersion Class Constructors Properties See Also Send Feedback</u>

The <u>TfsVersion</u> type exposes the following members.

## **■ Constructors**

|          | Name              | Description |
|----------|-------------------|-------------|
| <b>≡</b> | <u>TfsVersion</u> |             |

# **■ Properties**

|   | Name                    | Description  |
|---|-------------------------|--|
|   | <u>Action</u>           | Specifies the action to perform  |
|   | AssemblyDescription     | Gets or Sets the AssemblyDescription.  |
|   | AssemblyVersion         | Sets the AssemblyVersion. Defaults to Version if not set.  |
|   | <u>Build</u>            | Gets or Sets the Build version   |
|   | CombineBuildAndRevision | Sets whether to make the revision a combination of the Build and Revision.   |
| · | DateFormat              | Sets the date format to use when using VersionFormat="DateTime". e.g. MMdd   |
|   | Delimiter               | Sets the Delimiter to use in the version number. Default is .  |
|   | <u>Files</u>            | Sets the files to version  |
|   | ForceSetVersion         | Set to true to force SetVersion action to update files that do not have AssemblyVersion   AssemblyFileVersion   AssemblyDescription present. Default is false. ForceSetVersion does not affect AssemblyVersion when SetAssemblyVersion is false or AssemblyDescription when SetAssemblyDescription is false. |
|   | Major                   | Sets the major version   |
|   | Minor                   | Sets the minor version   |
|   | <u>PaddingCount</u>     | Sets the number of padding digits to use, e.g. 4   |
|   | <u>PaddingDigit</u>     | Sets the padding digit to use, e.g. 0  |
|   | Revision                | Gets or Sets the Revision version  |
|   | SetAssemblyDescription  | Set to True to set the AssemblyDescription when calling  |

|                               | SetVersion. Default is false.  |
|-------------------------------|--|
| <u>SetAssemblyFileVersion</u> | Set to True to set the AssemblyFileVersion when calling SetVersion. Default is true.   |
| <u>SetAssemblyVersion</u>     | Set to True to set the Assembly Version when calling Set Version. Default is false.  |
| <u>StartDate</u>              | Sets the start date to use when using VersionFormat="Elapsed"  |
| <u>TextEncoding</u>           | Sets the file encoding. Default is UTF8  |
| <u>UseUtcDate</u>             | Set to True to get the elapsed calculation using UTC Date Time. Default is false   |
| Version                       | Gets or Sets the Version   |
| VersionFormat                 | Sets the Version Format. Valid<br>VersionFormats are Elapsed,<br>DateTime. Default is DateTime                                 |
| VersionTemplateFormat         | Specify the format of the build number. A format for each part must be specified or left blank, e.g. "00.000.00.000", "0000.0" |

**TfsVersion Class** 

 $\underline{TfsBuildExtensions.Activities.TeamFoundationServer\ Namespace}$ 

#### TfsVersion Constructor

TfsVersion Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

## **TfsVersion Properties**

TfsVersion Class See Also Send Feedback

The <u>TfsVersion</u> type exposes the following members.

# **■ Properties**

|   | Name                    | Description  |
|---|-------------------------|--|
|   | <u>Action</u>           | Specifies the action to perform  |
|   | AssemblyDescription     | Gets or Sets the AssemblyDescription.  |
|   | AssemblyVersion         | Sets the AssemblyVersion. Defaults to Version if not set.  |
|   | <u>Build</u>            | Gets or Sets the Build version   |
|   | CombineBuildAndRevision | Sets whether to make the revision a combination of the Build and Revision.   |
| · | DateFormat              | Sets the date format to use when using VersionFormat="DateTime". e.g. MMdd   |
|   | Delimiter               | Sets the Delimiter to use in the version number. Default is .  |
|   | <u>Files</u>            | Sets the files to version  |
|   | ForceSetVersion         | Set to true to force SetVersion action to update files that do not have AssemblyVersion   AssemblyFileVersion   AssemblyDescription present. Default is false. ForceSetVersion does not affect AssemblyVersion when SetAssemblyVersion is false or AssemblyDescription when SetAssemblyDescription is false. |
|   | Major                   | Sets the major version   |
|   | Minor                   | Sets the minor version   |
|   | <u>PaddingCount</u>     | Sets the number of padding digits to use, e.g. 4   |
|   | <u>PaddingDigit</u>     | Sets the padding digit to use, e.g. 0  |
|   | Revision                | Gets or Sets the Revision version  |
|   | SetAssemblyDescription  | Set to True to set the AssemblyDescription when calling  |

|                               | SetVersion. Default is false.  |
|-------------------------------|--|
| <u>SetAssemblyFileVersion</u> | Set to True to set the AssemblyFileVersion when calling SetVersion. Default is true.   |
| <u>SetAssemblyVersion</u>     | Set to True to set the Assembly Version when calling Set Version. Default is false.  |
| <u>StartDate</u>              | Sets the start date to use when using VersionFormat="Elapsed"  |
| <u>TextEncoding</u>           | Sets the file encoding. Default is UTF8  |
| <u>UseUtcDate</u>             | Set to True to get the elapsed calculation using UTC Date Time. Default is false   |
| Version                       | Gets or Sets the Version   |
| VersionFormat                 | Sets the Version Format. Valid<br>VersionFormats are Elapsed,<br>DateTime. Default is DateTime                                 |
| VersionTemplateFormat         | Specify the format of the build number. A format for each part must be specified or left blank, e.g. "00.000.00.000", "0000.0" |

**TfsVersion Class** 

 $\underline{TfsBuildExtensions.Activities.TeamFoundationServer\ Namespace}$ 

## TfsVersion.Action Property

TfsVersion Class See Also Send Feedback

## Specifies the action to perform

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.AssemblyDescription Property

TfsVersion Class See Also Send Feedback

Gets or Sets the AssemblyDescription.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.AssemblyVersion Property

TfsVersion Class See Also Send Feedback

Sets the Assembly Version. Defaults to Version if not set.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.Build Property

<u>TfsVersion Class See Also Send Feedback</u>

Gets or Sets the Build version

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.CombineBuildAndRevision Property

TfsVersion Class See Also Send Feedback

Sets whether to make the revision a combination of the Build and Revision.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.DateFormat Property

TfsVersion Class See Also Send Feedback

Sets the date format to use when using VersionFormat="DateTime". e.g. MMdd

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.Delimiter Property

TfsVersion Class See Also Send Feedback

Sets the Delimiter to use in the version number. Default is .

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.Files Property

<u>TfsVersion Class See Also Send Feedback</u>

#### Sets the files to version

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.ForceSetVersion Property

TfsVersion Class See Also Send Feedback

Set to true to force SetVersion action to update files that do not have AssemblyVersion | AssemblyFileVersion | AssemblyDescription present. Default is false. ForceSetVersion does not affect AssemblyVersion when SetAssemblyVersion is false or AssemblyDescription when SetAssemblyDescription is false.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.Major Property

TfsVersion Class See Also Send Feedback

# Sets the major version

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.Minor Property

<u>TfsVersion Class See Also Send Feedback</u>

#### Sets the minor version

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.PaddingCount Property

TfsVersion Class See Also Send Feedback

Sets the number of padding digits to use, e.g. 4

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.PaddingDigit Property

TfsVersion Class See Also Send Feedback

Sets the padding digit to use, e.g. 0

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

# TfsVersion.Revision Property

<u>TfsVersion Class See Also Send Feedback</u>

Gets or Sets the Revision version

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.SetAssemblyDescription Property

TfsVersion Class See Also Send Feedback

Set to True to set the AssemblyDescription when calling SetVersion. Default is false.

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.} \underline{Activities.} \underline{TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.SetAssemblyFileVersion Property

TfsVersion Class See Also Send Feedback

Set to True to set the AssemblyFileVersion when calling SetVersion. Default is true.

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.} \underline{Activities.} \underline{TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.SetAssemblyVersion Property

TfsVersion Class See Also Send Feedback

Set to True to set the Assembly Version when calling Set Version. Default is false.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.StartDate Property

TfsVersion Class See Also Send Feedback

Sets the start date to use when using VersionFormat="Elapsed"

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.TextEncoding Property

TfsVersion Class See Also Send Feedback

Sets the file encoding. Default is UTF8

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.UseUtcDate Property

TfsVersion Class See Also Send Feedback

Set to True to get the elapsed calculation using UTC Date Time. Default is false

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.Version Property

<u>TfsVersion Class See Also Send Feedback</u>

Gets or Sets the Version

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.VersionFormat Property

TfsVersion Class See Also Send Feedback

Sets the Version Format. Valid VersionFormats are Elapsed, DateTime. Default is DateTime

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.} \underline{Activities.} \underline{TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

<u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersion.VersionTemplateFormat Property

TfsVersion Class See Also Send Feedback

Specify the format of the build number. A format for each part must be specified or left blank, e.g. "00.000.0000", "..0000.0"

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

**TfsVersion Class** 

TfsBuildExtensions.Activities.TeamFoundationServer Namespace

#### TfsVersionAction Enumeration

See Also Send Feedback

#### **TfsVersionAction**

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Members**

| Member name      | Value | Description      |
|------------------|-------|------------------|
| GetVersion       | 0     | GetVersion       |
| SetVersion       | 1     | SetVersion       |
| GetAndSetVersion | 2     | GetAndSetVersion |

## <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### TfsVersionVersionFormat Enumeration

See Also Send Feedback

#### **TfsVersionVersionFormat**

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Members**

| Member name | Value | Description |
|-------------|-------|-------------|
| DateTime    | 0     | DateTime    |
| Elapsed     | 1     | Elapsed     |

## <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

#### WorkItemTracking Class

Members See Also Send Feedback

Performs operations on Team Foundation Work Items Valid Action values are:

*GetById* - Returns a work item by id. **Required:** TeamProjectCollection, WorkItemId **Output:** WorkItem

*Save* - Saves a work item to the work item store. **Required:** TeamProjectCollection, WorkItem

*Resets* - Discards all changes and resets to current version. **Required:** TeamProjectCollection, WorkItem

*GetFieldValue* - Gets the value of a work item field. **Required:** TeamProjectCollection, WorkItem, FieldName **Output:** FieldValue

*SetFieldValue* - Sets the value of a work item field. **Required:** TeamProjectCollection, WorkItem, FieldName, FieldValue

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

### **■ Inheritance Hierarchy**

System.Object

System.Activities.Activity

System. Activities. Code Activity

TfsBuildExtensions.Activities.BaseCodeActivity

TfsBuildExtensions.Activities.TeamFoundationServer.TFBaseCodeActivi

Tfs Build Extensions. Activities. Team Foundation Server. Work I tem Track T

<u>WorkItemTracking Members</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

## WorkItemTracking Members

WorkItemTracking Class Constructors Properties See Also Send Feedback

The WorkItemTracking type exposes the following members.

## **■ Constructors**

|          | Name             | Description |
|----------|------------------|-------------|
| <b>≡</b> | WorkItemTracking |             |

# **■ Properties**

| Name             | Description  |
|------------------|--|
| Action           | Specifies the action to perform. Default is Create.            |
| <u>FieldName</u> | The name of the field to set.                                  |
| <u>ItemValue</u> | The value to set for a field/link or the returned field value. |
| <u>WorkItem</u>  | Target work item or returned work item.                        |
| WorkItemId       | Target work item id or the returned work item id.              |

<u>WorkItemTracking Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

### WorkItemTracking Constructor

WorkItemTracking Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

WorkItemTracking Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

## WorkItemTracking Properties

WorkItemTracking Class See Also Send Feedback

The WorkItemTracking type exposes the following members.

# **■ Properties**

| Name             | Description  |
|------------------|--|
| Action           | Specifies the action to perform. Default is Create.            |
| <u>FieldName</u> | The name of the field to set.                                  |
| <u>ItemValue</u> | The value to set for a field/link or the returned field value. |
| <u>WorkItem</u>  | Target work item or returned work item.                        |
| WorkItemId       | Target work item id or the returned work item id.              |

<u>WorkItemTracking Class</u> <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

### $Work Item Tracking. Action\ Property$

WorkItemTracking Class See Also Send Feedback

Specifies the action to perform. Default is Create.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

WorkItemTracking Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

#### WorkItemTracking.FieldName Property

WorkItemTracking Class See Also Send Feedback

The name of the field to set.

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

WorkItemTracking Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

#### WorkItemTracking.ItemValue Property

WorkItemTracking Class See Also Send Feedback

The value to set for a field/link or the returned field value.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

WorkItemTracking Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

### $Work Item Tracking. Work Item\ Property$

WorkItemTracking Class See Also Send Feedback

Target work item or returned work item.

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

WorkItemTracking Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

#### WorkItemTracking.WorkItemId Property

WorkItemTracking Class See Also Send Feedback

Target work item id or the returned work item id.

Namespace: <u>TfsBuildExtensions.Activities.TeamFoundationServer</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

WorkItemTracking Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

### WorkItemTrackingAction Enumeration

See Also Send Feedback

### Work Item Tracking Action

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.TeamFoundationServer}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Members**

| Member name   | <b>Value</b> | Description   |
|---------------|--------------|---------------|
| GetById       | 0            | GetById       |
| Save          | 1            | Save          |
| Reset         | 2            | Reset         |
| GetFieldValue | 3            | GetFieldValue |
| SetFieldValue | 4            | SetFieldValue |

## <u>TfsBuildExtensions.Activities.TeamFoundationServer Namespace</u>

## TfsBuildExtensions.Activities.Virtualization Namespace

Send Feedback

## **■ Classes**

|                 | Class            | Description  |
|-----------------|------------------|--|
| * Hype          | <u>HyperV</u>    | An activity to perform HyperV operations within a TFS 2010 build |
|                 |                  | Valid Action values are:   |
|                 |                  | Start  |
|                 |                  | Shutdown   |
|                 |                  | Turnoff  |
|                 |                  | Pause  |
|                 |                  | Suspend  |
|                 |                  | Restart  |
|                 |                  | Snapshot   |
|                 |                  | ApplyLastSnapshot  |
|                 |                  | ApplyNamedSnapshot   |
| <del>?</del> \$ | <u>VirtualPC</u> | A set of tools to manage VirtualPCs                              |
|                 |                  | Valid Action values are:   |
|                 |                  | AddHardDiskConnection  |
|                 |                  | DiscardSavedState  |
|                 |                  | DiscardUndoDisks   |
|                 |                  | IsHeartBeating   |
|                 |                  | IsScreenLocked   |
|                 |                  | List   |
|                 |                  | LogOff   |
|                 |                  | MergeUndoDisks   |
|                 |                  | Pause  |
|                 |                  | RemoveHardDiskConnection   |
|                 |                  | Reset  |

| Restart                  |
|--------------------------|
| Resume                   |
| Save                     |
| Shutdown                 |
| Startup                  |
| TakeScreenshot           |
| Turnoff                  |
| WaitForLowCpuUtilization |
| RunScript                |

## **■ Enumerations**

| Enumeration         | Description                      |
|---------------------|----------------------------------|
| <u>HyperVAction</u> | Possible action for the activity |
| VirtualPCAction     | Possible action for the activity |

#### **HyperV Class**

Members See Also Send Feedback

An activity to perform HyperV operations within a TFS 2010 build

#### **Valid Action values are:**

Start

Shutdown

**Turnoff** 

Pause

Suspend

Restart

Snapshot

ApplyLastSnapshot

Apply Named Snapshot

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

## **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.Virtualization.HyperV

<u>HyperV Members</u>
<u>TfsBuildExtensions.Activities.Virtualization Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

### HyperV Members

<u>HyperV Class Constructors Properties See Also Send Feedback</u>

The <u>HyperV</u> type exposes the following members.

## **■ Constructors**

|          | Name          | Description |
|----------|---------------|-------------|
| <b>=</b> | <u>HyperV</u> |             |

# **■ Properties**

| Name                | Description  |
|---------------------|--|
| Action              | The task to perform.   |
| <u>ServerName</u>   | The name of the server host the VM. '.' can be used for the localhost. |
| <u>SnapshotName</u> | The name of the snapshot to restore to the VM                          |
| Succeeded           | Gets whether the action succeeded.                                     |
| VMName              | The name of the VM to perform operations on.                           |

**HyperV Class** 

TfsBuildExtensions.Activities.Virtualization Namespace

### HyperV Constructor

HyperV Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.Virtualization}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

**HyperV Class** 

TfsBuildExtensions.Activities.Virtualization Namespace

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TFS Build Extensions Help (v1.0.0.6)

### HyperV Properties

HyperV Class See Also Send Feedback

The <u>HyperV</u> type exposes the following members.

# **■ Properties**

| Name                | Description  |
|---------------------|--|
| Action              | The task to perform.   |
| <u>ServerName</u>   | The name of the server host the VM. '.' can be used for the localhost. |
| <u>SnapshotName</u> | The name of the snapshot to restore to the VM                          |
| Succeeded           | Gets whether the action succeeded.                                     |
| VMName              | The name of the VM to perform operations on.                           |

**HyperV Class** 

TfsBuildExtensions.Activities.Virtualization Namespace

#### HyperV.Action Property

HyperV Class See Also Send Feedback

The task to perform.

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

**HyperV Class** 

TfsBuildExtensions.Activities.Virtualization Namespace

#### HyperV.ServerName Property

HyperV Class See Also Send Feedback

The name of the server host the VM. '.' can be used for the localhost.

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

**HyperV Class** 

TfsBuildExtensions.Activities.Virtualization Namespace

### HyperV.SnapshotName Property

HyperV Class See Also Send Feedback

The name of the snapshot to restore to the VM

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

**HyperV Class** 

TfsBuildExtensions.Activities.Virtualization Namespace

### HyperV.Succeeded Property

HyperV Class See Also Send Feedback

Gets whether the action succeeded.

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

**HyperV Class** 

TfsBuildExtensions.Activities.Virtualization Namespace

# HyperV.VMName Property

HyperV Class See Also Send Feedback

The name of the VM to perform operations on.

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

**HyperV Class** 

TfsBuildExtensions.Activities.Virtualization Namespace

#### HyperVAction Enumeration

See Also Send Feedback

Possible action for the activity

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

# **■ Members**

| Member name        | <b>Value</b> | Description                       |
|--------------------|--------------|-----------------------------------|
| Start              | 0            | Starts the VM                     |
| Shutdown           | 1            | Shutdown the VM Guest OS          |
| Turnoff            | 2            | Stwich off the VM                 |
| Pause              | 3            | Pause the VM                      |
| Suspend            | 4            | Save the state of the VM to disk  |
| Restart            | 5            | Restarts the VM                   |
| Snapshot           | 6            | Takes a snapshot of the VM        |
| ApplyLastSnapshot  | 7            | Restores last snapshot of the VM  |
| ApplyNamedSnapshot | 8            | Restores named snapshot of the VM |

# TfsBuildExtensions.Activities.Virtualization Namespace

#### VirtualPC Class

Members See Also Send Feedback

#### A set of tools to manage VirtualPCs

#### Valid Action values are:

**AddHardDiskConnection** 

DiscardSavedState

DiscardUndoDisks

*IsHeartBeating* 

**IsScreenLocked** 

List

LogOff

MergeUndoDisks

Pause

RemoveHardDiskConnection

Reset

Restart

Resume

Save

Shutdown

Startup

**TakeScreenshot** 

**Turnoff** 

 ${\it WaitForLowCpuUtilization}$ 

RunScript

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u>

**Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)

# **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.Virtualization.VirtualPC

<u>VirtualPC Members</u> <u>TfsBuildExtensions.Activities.Virtualization Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

### VirtualPC Members

<u>VirtualPC Class Constructors Properties See Also Send Feedback</u>

The <u>VirtualPC</u> type exposes the following members.

## **■ Constructors**

|          | Name             | Description |
|----------|------------------|-------------|
| <b>=</b> | <u>VirtualPC</u> |             |

# **■ Properties**

|      | Name                | Description   |
|------|---------------------|---|
|      | Action              | The task to perform.  |
|      | BusNumber           | Sets the bus to which the drive will be attached. 0 = The drive will be attached to the first bus. 1 = The drive will be attached to the second bus.                                |
|      | <u>DeviceNumber</u> | Sets the device to which the drive will be attached. 0 = The drive will be attached to the first device on the bus. 1 = The drive will be attached to the second device on the bus. |
|      | <u>FileName</u>     | Sets the FileName used for adding disks and taking screen shots   |
|      | MaxCpuThreshold     | Sets the MaxCpuThreshold in seconds. This is the period for which the virtual machine must be below the MaxCpuUsage. Default is 10.   |
|      | MaxCpuUsage         | Sets the MaxCpuUsage in %. Default is 10  |
|      | Result              | The result of Is status actions   |
|      | Script              | A list of key depressions and mouse clicks  |
|      | Success             | The command executed without error, does not mean VM completed the actions e.g. the state may not have actually changed   |
|      | VirtualMachineCount | Gets the number of virtual machines found   |
|      | VirtualMachines     | Gets the collection of Virtual Machines.<br>See the sample for available metadata   |
| is a | VMName              | The name of the VM to perform operations on.  |
|      | WaitForCompletion   | The time, in milliseconds, that this method will wait for task completion before  |

returning control to the caller. A value of -1 specifies that method will wait until the task completes without timing out. Other valid timeout values range from 0 to 4,000,000 milliseconds.

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

#### VirtualPC Constructor

<u>VirtualPC Class</u> <u>See Also Send Feedback</u>

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u> **Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

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TFS Build Extensions Help (v1.0.0.6)

## VirtualPC Properties

VirtualPC Class See Also Send Feedback

The <u>VirtualPC</u> type exposes the following members.

# **■ Properties**

|      | Name                | Description   |
|------|---------------------|---|
|      | Action              | The task to perform.  |
|      | BusNumber           | Sets the bus to which the drive will be attached. 0 = The drive will be attached to the first bus. 1 = The drive will be attached to the second bus.                                |
|      | <u>DeviceNumber</u> | Sets the device to which the drive will be attached. 0 = The drive will be attached to the first device on the bus. 1 = The drive will be attached to the second device on the bus. |
|      | <u>FileName</u>     | Sets the FileName used for adding disks and taking screen shots   |
|      | MaxCpuThreshold     | Sets the MaxCpuThreshold in seconds. This is the period for which the virtual machine must be below the MaxCpuUsage. Default is 10.   |
|      | MaxCpuUsage         | Sets the MaxCpuUsage in %. Default is 10  |
|      | Result              | The result of Is status actions   |
|      | Script              | A list of key depressions and mouse clicks  |
|      | Success             | The command executed without error, does not mean VM completed the actions e.g. the state may not have actually changed   |
|      | VirtualMachineCount | Gets the number of virtual machines found   |
|      | VirtualMachines     | Gets the collection of Virtual Machines.<br>See the sample for available metadata   |
| is a | VMName              | The name of the VM to perform operations on.  |
|      | WaitForCompletion   | The time, in milliseconds, that this method will wait for task completion before  |

returning control to the caller. A value of -1 specifies that method will wait until the task completes without timing out. Other valid timeout values range from 0 to 4,000,000 milliseconds.

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

#### VirtualPC.Action Property

<u>VirtualPC Class</u> <u>See Also Send Feedback</u>

The task to perform.

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u> **Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

### VirtualPC.BusNumber Property

<u>VirtualPC Class</u> <u>See Also Send Feedback</u>

Sets the bus to which the drive will be attached. 0 =The drive will be attached to the first bus. 1 =The drive will be attached to the second bus.

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u> **Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

#### VirtualPC.DeviceNumber Property

<u>VirtualPC Class</u> <u>See Also Send Feedback</u>

Sets the device to which the drive will be attached. 0 =The drive will be attached to the first device on the bus. 1 =The drive will be attached to the second device on the bus.

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u> **Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

### VirtualPC.FileName Property

<u>VirtualPC Class</u> <u>See Also Send Feedback</u>

Sets the FileName used for adding disks and taking screen shots

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u> **Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

#### VirtualPC.MaxCpuThreshold Property

VirtualPC Class See Also Send Feedback

Sets the MaxCpuThreshold in seconds. This is the period for which the virtual machine must be below the MaxCpuUsage. Default is 10.

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u> **Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

### VirtualPC.MaxCpuUsage Property

<u>VirtualPC Class</u> <u>See Also Send Feedback</u>

Sets the MaxCpuUsage in %. Default is 10

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u> **Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

#### VirtualPC.Result Property

<u>VirtualPC Class</u> <u>See Also Send Feedback</u>

The result of Is... status actions

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u> **Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

### VirtualPC.Script Property

<u>VirtualPC Class</u> <u>See Also Send Feedback</u>

A list of key depressions and mouse clicks

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u> **Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

## VirtualPC.Success Property

<u>VirtualPC Class</u> <u>See Also Send Feedback</u>

The command executed without error, does not mean VM completed the actions e.g. the state may not have actually changed

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u> **Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

### VirtualPC.VirtualMachineCount Property

<u>VirtualPC Class</u> <u>See Also Send Feedback</u>

Gets the number of virtual machines found

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u> **Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

#### VirtualPC.VirtualMachines Property

<u>VirtualPC Class</u> <u>See Also Send Feedback</u>

Gets the collection of Virtual Machines. See the sample for available metadata

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u> **Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

## VirtualPC.VMName Property

<u>VirtualPC Class</u> <u>See Also Send Feedback</u>

The name of the VM to perform operations on.

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u> **Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

#### VirtualPC.WaitForCompletion Property

VirtualPC Class See Also Send Feedback

The time, in milliseconds, that this method will wait for task completion before returning control to the caller. A value of -1 specifies that method will wait until the task completes without timing out. Other valid timeout values range from 0 to 4,000,000 milliseconds.

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u> **Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

#### VirtualPCAction Enumeration

See Also Send Feedback

Possible action for the activity

Namespace: <u>TfsBuildExtensions.Activities.Virtualization</u> **Assembly:** TfsBuildExtensions.Activities.VirtualPC (in

# $\blacksquare$ Members

| Member name              | Value | Description  |
|--------------------------|-------|--|
| AddHardDiskConnection    | 0     | Add a VHD  |
| DiscardSavedState        | 1     | Discard the save state                               |
| DiscardUndoDisks         | 2     | Discard the undo disks                               |
| IsHeartBeating           | 3     | Checks of the VM is runnng                           |
| IsScreenLocked           | 4     | Checks if the VM is locked                           |
| List                     | 5     | Lists the VMs on host                                |
| LogOff                   | 6     | Logs of the guest OS                                 |
| MergeUndoDisks           | 7     | Merges the undo disks                                |
| Pause                    | 8     | Pauses the VM  |
| RemoveHardDiskConnection | 9     | Removed a VHD  |
| Reset                    | 10    | Resets the VM  |
| Restart                  | 11    | Retarts the VM                                       |
| Resume                   | 12    | Resumes a paused VM                                  |
| Save                     | 13    | Saves the state of VM                                |
| Shutdown                 | 14    | Shuts down the guest OS                              |
| Startup                  | 15    | Starts a VM  |
| TakeScreenshot           | 16    | Takes a BMP screenshot                               |
| Turnoff                  | 17    | Turns off the VM                                     |
| WaitForLowCpuUtilization | 18    | Pauses execution unitl the CPU is at the given level |
| RunScript                | 19    | Runs a series of commands on te guest OS             |

# TfsBuildExtensions.Activities.Virtualization Namespace

# TfsBuildExtensions.Activities.VisualStudio Namespace

Send Feedback

# **■ Classes**

|                   | Description                           |
|-------------------|---------------------------------------|
| <u>₹ VB6</u>      | This activity wraps the VB6 compiler. |
| <b>♦</b> VSDevEnv | VSDevEnv                              |

#### **VB6** Class

Members Example See Also Send Feedback

This activity wraps the VB6 compiler.

Namespace: <u>TfsBuildExtensions.Activities.VisualStudio</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

#### **■ Examples**

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# **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.VisualStudio.VB6

**VB6** Members

TfsBuildExtensions.Activities.VisualStudio Namespace

-

TFS Build Extensions Help (v1.0.0.6)

#### **VB6** Members

VB6 Class Constructors Properties See Also Send Feedback

The  $\underline{VB6}$  type exposes the following members.

# **■ Constructors**

|          | Name       | Description |
|----------|------------|-------------|
| <b>=</b> | <u>VB6</u> |             |

# **■ Properties**

| Name                  | Description   |
|-----------------------|---|
| <u>ChangeProperty</u> | Project properties to change at build time.<br>Specify properties to change as<br>key=value;key=value |
| LogFile               | Logfile for compilation output. Default is build drop location + vb project filename + .log           |
| <u>OutDir</u>         | Output directory. Default is build drop location + vb project directory                               |
| <u>ProjectFile</u>    | Name of VB6 project to compile  |
| ReturnCode            | Gets the Return Code from the VB6 compile activity  |
| <u>ToolPath</u>       | Path to VB6 compiler. Default is C:\Program Files\Microsoft Visual Studio\VB98\VB6.exe                |
| WorkingDirectory      | Working directory used when compiling   |

**VB6** Class

TfsBuildExtensions.Activities.VisualStudio Namespace

#### **VB6** Constructor

VB6 Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.VisualStudio}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

VB6 Class

TfsBuildExtensions.Activities.VisualStudio Namespace

-

TFS Build Extensions Help (v1.0.0.6)

# **VB6** Properties

VB6 Class See Also Send Feedback

The  $\underline{VB6}$  type exposes the following members.

# **■ Properties**

| Name                  | Description   |
|-----------------------|---|
| <u>ChangeProperty</u> | Project properties to change at build time.<br>Specify properties to change as<br>key=value;key=value |
| LogFile               | Logfile for compilation output. Default is build drop location + vb project filename + .log           |
| <u>OutDir</u>         | Output directory. Default is build drop location + vb project directory                               |
| <u>ProjectFile</u>    | Name of VB6 project to compile  |
| ReturnCode            | Gets the Return Code from the VB6 compile activity  |
| <u>ToolPath</u>       | Path to VB6 compiler. Default is C:\Program Files\Microsoft Visual Studio\VB98\VB6.exe                |
| WorkingDirectory      | Working directory used when compiling   |

**VB6** Class

TfsBuildExtensions.Activities.VisualStudio Namespace

#### VB6.ChangeProperty Property

VB6 Class See Also Send Feedback

Project properties to change at build time. Specify properties to change as key=value;key=value

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.VisualStudio}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

VB6 Class

TfsBuildExtensions.Activities.VisualStudio Namespace

#### VB6.LogFile Property

VB6 Class See Also Send Feedback

Logfile for compilation output. Default is build drop location + vb project filename + .log

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.VisualStudio}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

VB6 Class

TfsBuildExtensions.Activities.VisualStudio Namespace

#### VB6.OutDir Property

VB6 Class See Also Send Feedback

Output directory. Default is build drop location + vb project directory

Namespace: <u>TfsBuildExtensions.Activities.VisualStudio</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

VB6 Class

TfsBuildExtensions.Activities.VisualStudio Namespace

# VB6.ProjectFile Property

VB6 Class See Also Send Feedback

# Name of VB6 project to compile

Namespace: <u>TfsBuildExtensions.Activities.VisualStudio</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

VB6 Class

TfsBuildExtensions.Activities.VisualStudio Namespace

#### VB6.ReturnCode Property

VB6 Class See Also Send Feedback

Gets the Return Code from the VB6 compile activity

Namespace: <u>TfsBuildExtensions.Activities.VisualStudio</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

VB6 Class

TfsBuildExtensions.Activities.VisualStudio Namespace

#### VB6.ToolPath Property

VB6 Class See Also Send Feedback

Path to VB6 compiler. Default is C:\Program Files\Microsoft Visual Studio\VB98\VB6.exe

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.VisualStudio}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

VB6 Class

TfsBuildExtensions.Activities.VisualStudio Namespace

#### VB6.WorkingDirectory Property

VB6 Class See Also Send Feedback

Working directory used when compiling

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.VisualStudio}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

VB6 Class

TfsBuildExtensions.Activities.VisualStudio Namespace

#### VSDevEnv Class

Members See Also Send Feedback

#### VSDevEnv

Namespace: <u>TfsBuildExtensions.Activities.VisualStudio</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

# **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.VisualStudio.VSDevEnv

<u>VSDevEnv Members</u> <u>TfsBuildExtensions.Activities.VisualStudio Namespace</u>

-

TFS Build Extensions Help (v1.0.0.6)

# VSDevEnv Members

VSDevEnv Class Constructors Properties See Also Send Feedback

The <u>VSDevEnv</u> type exposes the following members.

# **■ Constructors**

|          | Name            | Description |
|----------|-----------------|-------------|
| <b>=</b> | <u>VSDevEnv</u> |             |

# **■ Properties**

| Name              | Description   |
|-------------------|---|
| Configuration     | The Configuration to Build.   |
| <u>DevEnvPath</u> | The path to DevEnv.exe. Default is DevEnv.exe, so the path should be in your Path Environment Variable.                 |
| <u>FilePath</u>   | The Path to the solution or Project to build  |
| <u>OutputFile</u> | Specifies the File to log all output to.  |
| Rebuild           | Specifies whether Clean and then build<br>the solution or project with the specified<br>configuration. Default is false |

VSDevEnv Class

TfsBuildExtensions.Activities.VisualStudio Namespace

#### VSDevEnv Constructor

VSDevEnv Class See Also Send Feedback

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.VisualStudio}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

VSDevEnv Class

TfsBuildExtensions.Activities.VisualStudio Namespace

-

TFS Build Extensions Help (v1.0.0.6)

# VSDevEnv Properties

VSDevEnv Class See Also Send Feedback

The <u>VSDevEnv</u> type exposes the following members.

# **■ Properties**

| Name              | Description   |
|-------------------|---|
| Configuration     | The Configuration to Build.   |
| <u>DevEnvPath</u> | The path to DevEnv.exe. Default is DevEnv.exe, so the path should be in your Path Environment Variable.                 |
| <u>FilePath</u>   | The Path to the solution or Project to build  |
| <u>OutputFile</u> | Specifies the File to log all output to.  |
| Rebuild           | Specifies whether Clean and then build<br>the solution or project with the specified<br>configuration. Default is false |

VSDevEnv Class

TfsBuildExtensions.Activities.VisualStudio Namespace

#### VSDevEnv.Configuration Property

VSDevEnv Class See Also Send Feedback

The Configuration to Build.

Namespace: <u>TfsBuildExtensions.Activities.VisualStudio</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

VSDevEnv Class

TfsBuildExtensions.Activities.VisualStudio Namespace

#### VSDevEnv.DevEnvPath Property

VSDevEnv Class See Also Send Feedback

The path to DevEnv.exe. Default is DevEnv.exe, so the path should be in your Path Environment Variable.

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.VisualStudio}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

VSDevEnv Class

TfsBuildExtensions.Activities.VisualStudio Namespace

## $VSDevEnv. File Path\ Property$

VSDevEnv Class See Also Send Feedback

The Path to the solution or Project to build

Namespace: <u>TfsBuildExtensions.Activities.VisualStudio</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

VSDevEnv Class

TfsBuildExtensions.Activities.VisualStudio Namespace

#### VSDevEnv.OutputFile Property

VSDevEnv Class See Also Send Feedback

Specifies the File to log all output to.

Namespace: <u>TfsBuildExtensions.Activities.VisualStudio</u>

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

VSDevEnv Class

TfsBuildExtensions.Activities.VisualStudio Namespace

#### VSDevEnv.Rebuild Property

VSDevEnv Class See Also Send Feedback

Specifies whether Clean and then build the solution or project with the specified configuration. Default is false

 $\textbf{Namespace:} \ \underline{TfsBuildExtensions.Activities.VisualStudio}$ 

**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)

Version: 1.0.0.0 (1.0.0.6)

VSDevEnv Class

TfsBuildExtensions.Activities.VisualStudio Namespace

# TfsBuildExtensions.Activities.Web Namespace

Send Feedback

## **■ Classes**

|                 | Class                  | Description     |  |
|-----------------|------------------------|-----------------|--|
| <b>*</b> \$     | <u>Iis7Application</u> | Iis7Application |  |
| <b>4</b> 3      | <u>Iis7AppPool</u>     | Iis7AppPool     |  |
| <del>\</del> \$ | <u>Iis7Binding</u>     | Iis7Binding     |  |
| <del>?</del> \$ | <u>Iis7Website</u>     | Iis7Website     |  |

## **■ Enumerations**

| IIS7ApplicationAction       IIS7ApplicationAction         IIS7AppPoolAction       IIS7AppPoolAction         IIS7BindingAction       IIS7BindingAction         IIS7WebsiteAction       IIS7WebsiteAction | Enumeration              | Description           |
|---|--------------------------|-----------------------|
| IIS7BindingAction IIS7BindingAction   | IIS7ApplicationAction    | IIS7ApplicationAction |
|   | IIS7AppPoolAction        | IIS7AppPoolAction     |
| IIS7WebsiteAction IIS7WebsiteAction   | <b>IIS7BindingAction</b> | IIS7BindingAction     |
|   | IIS7WebsiteAction        | IIS7WebsiteAction     |

#### **Iis7Application Class**

Members See Also Send Feedback

#### Iis7Application

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

## **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseRemoteCodeActivity
TfsBuildExtensions.Activities.Web.Iis7Application

<u>Iis7Application Members</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

#### Iis7Application Members

<u> Iis7Application Class Constructors Properties See Also Send Feedback</u>

The <u>Iis7Application</u> type exposes the following members.

## **■ Constructors**

|          | Name                   | Description |
|----------|------------------------|-------------|
| <b>≡</b> | <u>Iis7Application</u> |             |

# **■ Properties**

| Name                | Description                         |  |
|---------------------|-------------------------------------|--|
| Action              | Specifies the action to perform     |  |
| <u>Applications</u> | ITaskItem of Applications           |  |
| <u>Exists</u>       | Gets whether the application exists |  |
| <u>Website</u>      | Sets the name of the Website        |  |

<u>Iis7Application Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### **Iis7Application Constructor**

<u>Iis7Application Class See Also Send Feedback</u>

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

<u>Iis7Application Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

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#### **Iis7Application Properties**

<u>Iis7Application Class</u> <u>See Also</u> <u>Send Feedback</u>

The <u>Iis7Application</u> type exposes the following members.

# **■ Properties**

| Name                | Description                         |  |
|---------------------|-------------------------------------|--|
| Action              | Specifies the action to perform     |  |
| <u>Applications</u> | ITaskItem of Applications           |  |
| <u>Exists</u>       | Gets whether the application exists |  |
| <u>Website</u>      | Sets the name of the Website        |  |

<u>Iis7Application Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### **Iis7Application.Action Property**

<u>Iis7Application Class See Also Send Feedback</u>

#### Specifies the action to perform

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

<u>Iis7Application Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7Application.Applications Property

<u>Iis7Application Class See Also Send Feedback</u>

#### ITaskItem of Applications

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

<u>Iis7Application Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### **Iis7Application.Exists Property**

<u>Iis7Application Class See Also Send Feedback</u>

Gets whether the application exists

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

<u>Iis7Application Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7Application.Website Property

<u>Iis7Application Class See Also Send Feedback</u>

Sets the name of the Website

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

<u>Iis7Application Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

## IIS7ApplicationAction Enumeration

See Also Send Feedback

#### IIS7 Application Action

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)

## **■ Members**

| Member name | <b>Value</b> | Description |
|-------------|--------------|-------------|
| Delete      | 0            | Delete      |
| CheckExists | 1            | CheckExists |

## TfsBuildExtensions.Activities.Web Namespace

#### Iis7AppPool Class

Members See Also Send Feedback

## Iis 7 App Pool

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

## **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseRemoteCodeActivity
TfsBuildExtensions.Activities.Web.Iis7AppPool

<u>Iis7AppPool Members</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

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## Iis7AppPool Members

<u>Iis7AppPool Class Constructors Properties See Also Send Feedback</u>

The <u>Iis7AppPool</u> type exposes the following members.

## **■ Constructors**

|          | Name               | Description |
|----------|--------------------|-------------|
| <b>=</b> | <u>Iis7AppPool</u> |             |

# **■ Properties**

| Name                                | Description  |
|-------------------------------------|--|
| Action                              | Specifies the action to perform  |
| AutoStart                           | Set whether the application pool should start automatically. Default is true.  |
| Enable32BitAppOnWin64               | Sets whether 32-bit applications are enabled on 64-bit processors. Default is false.   |
| Exists                              | Gets whether the Application Pool exists   |
| <u>Force</u>                        | Set to true to force the creation of an apppool, even if it exists.  |
| <u>IdentityPassword</u>             | Sets the password associated with the PoolIdentity property.   |
| <u>IdentityType</u>                 | Sets the ProcessModelIdentityType. Default is LocalService   |
| <u>IdleTimeout</u>                  | Sets a TimeSpan value in minutes for the period of time a process should remain idle. Set > 0 to use. Set to -1 to restore the Application Pool Default. |
| ManagedRuntimeVersion               | Sets the version number of the .NET Framework used by the application pool. Default is "v2.0".   |
| MaxProcesses                        | Sets the maximum number of worker processes allowed for the AppPool. Set to -1 to restore the Application Pool Default.                                  |
| <u>Name</u>                         | Sets the name of the AppPool   |
| <u>PeriodicRestartPrivateMemory</u> | Sets the private memory (kb) a process can use before the process is recycled. Default is 0. Set > 0 to  |

|          |                            | use. Set to -1 to restore the Application Pool Default.   |
|----------|----------------------------|---|
|          | <u>PeriodicRestartTime</u> | Sets a TimeSpan value in minutes for the period of time that should elapse before a worker process is recycled. Default is 29 hours. Set > 0 to use. Set to -1 to restore the Application Pool Default for Modify or -1 to Disable Recycling.PeriodicRestartTime for Create |
|          | <u>PipelineMode</u>        | Sets the ManagedPipelineMode. Default is ManagedPipelineMode.Integrated.  |
|          | PoolIdentity               | Sets the user name associated with<br>the security identity under which<br>the application pool runs.   |
|          | QueueLength                | Sets the maximum number of requests to queue before rejecting additional requests. Default is 0. Set > 0 to use. Set to -1 to restore the Application Pool Default.   |
|          | RecycleInterval            | Sets the RecycleInterval in minutes for the application pool. Set to -1 to restore the Application Pool Default.  |
| <b>E</b> | RecycleRequests            | Sets the fixed number of requests to recycle the application pool. Set to -1 to restore the Application Pool Default.   |
|          | RecycleTimes               | Sets the times that the application pool should recycle. Format is 'hh:mm,hh:mm,hh:mm'. Set to "-1" to clear the RecycleTimes   |
|          |                            |   |

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7AppPool Constructor

<u>Iis7AppPool Class See Also Send Feedback</u>

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

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## Iis7AppPool Properties

<u>Iis7AppPool Class</u> <u>See Also</u> <u>Send Feedback</u>

The <u>Iis7AppPool</u> type exposes the following members.

# **■ Properties**

| Name                                | Description  |
|-------------------------------------|--|
| Action                              | Specifies the action to perform  |
| AutoStart                           | Set whether the application pool should start automatically. Default is true.  |
| Enable32BitAppOnWin64               | Sets whether 32-bit applications are enabled on 64-bit processors. Default is false.   |
| Exists                              | Gets whether the Application Pool exists   |
| <u>Force</u>                        | Set to true to force the creation of an apppool, even if it exists.  |
| <u>IdentityPassword</u>             | Sets the password associated with the PoolIdentity property.   |
| <u>IdentityType</u>                 | Sets the ProcessModelIdentityType. Default is LocalService   |
| <u>IdleTimeout</u>                  | Sets a TimeSpan value in minutes for the period of time a process should remain idle. Set > 0 to use. Set to -1 to restore the Application Pool Default. |
| ManagedRuntimeVersion               | Sets the version number of the .NET Framework used by the application pool. Default is "v2.0".   |
| MaxProcesses                        | Sets the maximum number of worker processes allowed for the AppPool. Set to -1 to restore the Application Pool Default.                                  |
| <u>Name</u>                         | Sets the name of the AppPool   |
| <u>PeriodicRestartPrivateMemory</u> | Sets the private memory (kb) a process can use before the process is recycled. Default is 0. Set > 0 to  |

|          |                            | use. Set to -1 to restore the Application Pool Default.   |
|----------|----------------------------|---|
|          | <u>PeriodicRestartTime</u> | Sets a TimeSpan value in minutes for the period of time that should elapse before a worker process is recycled. Default is 29 hours. Set > 0 to use. Set to -1 to restore the Application Pool Default for Modify or -1 to Disable Recycling.PeriodicRestartTime for Create |
|          | <u>PipelineMode</u>        | Sets the ManagedPipelineMode. Default is ManagedPipelineMode.Integrated.  |
|          | PoolIdentity               | Sets the user name associated with<br>the security identity under which<br>the application pool runs.   |
|          | QueueLength                | Sets the maximum number of requests to queue before rejecting additional requests. Default is 0. Set > 0 to use. Set to -1 to restore the Application Pool Default.   |
|          | RecycleInterval            | Sets the RecycleInterval in minutes for the application pool. Set to -1 to restore the Application Pool Default.  |
| <b>E</b> | RecycleRequests            | Sets the fixed number of requests to recycle the application pool. Set to -1 to restore the Application Pool Default.   |
|          | RecycleTimes               | Sets the times that the application pool should recycle. Format is 'hh:mm,hh:mm,hh:mm'. Set to "-1" to clear the RecycleTimes   |
|          |                            |   |

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

## Iis7AppPool.Action Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Specifies the action to perform

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

## Iis7AppPool.AutoStart Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Set whether the application pool should start automatically. Default is true.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7AppPool.Enable32BitAppOnWin64 Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Sets whether 32-bit applications are enabled on 64-bit processors. Default is false.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7AppPool.Exists Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Gets whether the Application Pool exists

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7AppPool.Force Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Set to true to force the creation of an apppool, even if it exists.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7AppPool.IdentityPassword Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Sets the password associated with the PoolIdentity property.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

## Iis7AppPool.IdentityType Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Sets the ProcessModelIdentityType. Default is LocalService

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7AppPool.IdleTimeout Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Sets a TimeSpan value in minutes for the period of time a process should remain idle. Set > 0 to use. Set to -1 to restore the Application Pool Default.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7AppPool.ManagedRuntimeVersion Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Sets the version number of the .NET Framework used by the application pool. Default is "v2.0".

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7AppPool.MaxProcesses Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Sets the maximum number of worker processes allowed for the AppPool. Set to -1 to restore the Application Pool Default.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

## Iis7AppPool.Name Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Sets the name of the AppPool

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7AppPool.PeriodicRestartPrivateMemory Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Sets the private memory (kb) a process can use before the process is recycled. Default is 0. Set > 0 to use. Set to -1 to restore the Application Pool Default.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7AppPool.PeriodicRestartTime Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Sets a TimeSpan value in minutes for the period of time that should elapse before a worker process is recycled. Default is 29 hours. Set > 0 to use. Set to -1 to restore the Application Pool Default for Modify or -1 to Disable Recycling.PeriodicRestartTime for Create

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7AppPool.PipelineMode Property

<u>Iis7AppPool Class See Also Send Feedback</u>

 $Sets\ the\ Managed Pipeline Mode.\ Default\ is\ Managed Pipeline Mode. Integrated.$ 

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

# Iis7AppPool.PoolIdentity Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Sets the user name associated with the security identity under which the application pool runs.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

# Iis7AppPool.QueueLength Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Sets the maximum number of requests to queue before rejecting additional requests. Default is 0. Set > 0 to use. Set to -1 to restore the Application Pool Default.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7AppPool.RecycleInterval Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Sets the RecycleInterval in minutes for the application pool. Set to -1 to restore the Application Pool Default.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7AppPool.RecycleRequests Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Sets the fixed number of requests to recycle the application pool. Set to -1 to restore the Application Pool Default.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7AppPool.RecycleTimes Property

<u>Iis7AppPool Class See Also Send Feedback</u>

Sets the times that the application pool should recycle. Format is 'hh:mm,hh:mm'. Set to "-1" to clear the RecycleTimes

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7AppPool Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

# IIS7AppPoolAction Enumeration

See Also Send Feedback

# IIS7 App Pool Action

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

# **■ Members**

| Member name     | Value | Description      |
|-----------------|-------|------------------|
| CheckExists     | 0     | CheckExists      |
| Create          | 1     | Create           |
| Delete          | 2     | Delete           |
| Modify          | 3     | Modify           |
| Recycle         | 4     | Recycle          |
| SetIdentity     | 5     | SetIdentity      |
| SetPipelineMode | 6     | SetPiplelineMode |
| Stop            | 7     | Stop             |
| Start           | 8     | Start            |

# TfsBuildExtensions.Activities.Web Namespace

#### **Iis7Binding Class**

Members See Also Send Feedback

# Iis7Binding

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

# **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseRemoteCodeActivity
TfsBuildExtensions.Activities.Web.Iis7Binding

<u>Iis7Binding Members</u>
<u>TfsBuildExtensions.Activities.Web Namespace</u>

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# **Iis7Binding Members**

<u>Iis7Binding Class Constructors Properties See Also Send Feedback</u>

The <u>Iis7Binding</u> type exposes the following members.

# **■ Constructors**

|          | Name               | Description |
|----------|--------------------|-------------|
| <b>=</b> | <u>Iis7Binding</u> |             |

# **■ Properties**

| Name                       | Description   |
|----------------------------|---|
| Action                     | Specifies the action to perform   |
| BindingInformation         | String containing binding information.  |
|                            | Format: ip address:port:hostheader  |
|                            | Example: *:80:sample.example.com or : *:443:  |
| <u>BindingProtocol</u>     | Binding protocol. Example: "http", "https", "ftp". Default is http.   |
| CertificateHash            | If HTTPS is used, this is the certificate hash. This is the value of "thumbprint" value of the certificate you want to use. |
|                            | Format: hash encoded string. Hex symbols can be space or dash separated.  |
|                            | Example: 0a   |
| CertificateStoreName       | The name of the certificate store.  Default is "MY" for the personal store  |
| <u>Exists</u>              | Gets whether the binding exists   |
| <u>Name</u>                | Sets the name of the Website  |
| <u>Port</u>                | Sets the port of the Binding to Modify  |
| PreviousBindingInformation | Sets the PreviousBindingInformation to use when calling Modify  |
| PreviousBindingProtocol    | Sets the PreviousBindingProtocol to use when calling Modify   |

<u>Iis7Binding Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### **Iis7Binding Constructor**

<u>Iis7Binding Class</u> <u>See Also Send Feedback</u>

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Binding Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

# **Iis7Binding Properties**

<u>Iis7Binding Class</u> <u>See Also Send Feedback</u>

The <u>Iis7Binding</u> type exposes the following members.

# **■ Properties**

| Name                       | Description   |
|----------------------------|---|
| Action                     | Specifies the action to perform   |
| BindingInformation         | String containing binding information.  |
|                            | Format: ip address:port:hostheader  |
|                            | Example: *:80:sample.example.com or : *:443:  |
| <u>BindingProtocol</u>     | Binding protocol. Example: "http", "https", "ftp". Default is http.   |
| CertificateHash            | If HTTPS is used, this is the certificate hash. This is the value of "thumbprint" value of the certificate you want to use. |
|                            | Format: hash encoded string. Hex symbols can be space or dash separated.  |
|                            | Example: 0a   |
| CertificateStoreName       | The name of the certificate store.  Default is "MY" for the personal store  |
| <u>Exists</u>              | Gets whether the binding exists   |
| <u>Name</u>                | Sets the name of the Website  |
| <u>Port</u>                | Sets the port of the Binding to Modify  |
| PreviousBindingInformation | Sets the PreviousBindingInformation to use when calling Modify  |
| PreviousBindingProtocol    | Sets the PreviousBindingProtocol to use when calling Modify   |

<u>Iis7Binding Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

# Iis7Binding.Action Property

<u>Iis7Binding Class See Also Send Feedback</u>

Specifies the action to perform

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Binding Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7Binding.BindingInformation Property

<u>Iis7Binding Class See Also Send Feedback</u>

String containing binding information.

Format: ip address:port:hostheader

Example: \*:80:sample.example.com or : \*:443:

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Binding Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

# Iis7Binding.BindingProtocol Property

<u>Iis7Binding Class See Also Send Feedback</u>

Binding protocol. Example: "http", "https", "ftp". Default is http.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Binding Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7Binding.CertificateHash Property

<u>Iis7Binding Class</u> <u>See Also Send Feedback</u>

If HTTPS is used, this is the certificate hash. This is the value of "thumbprint" value of the certificate you want to use.

Format: hash encoded string. Hex symbols can be space or dash separated.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Binding Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

## Iis7Binding.CertificateStoreName Property

<u>Iis7Binding Class See Also Send Feedback</u>

The name of the certificate store. Default is "MY" for the personal store

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Binding Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

## Iis7Binding.Exists Property

<u>Iis7Binding Class See Also Send Feedback</u>

Gets whether the binding exists

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Binding Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

## Iis7Binding.Name Property

<u>Iis7Binding Class See Also Send Feedback</u>

Sets the name of the Website

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Binding Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

## Iis7Binding.Port Property

<u>Iis7Binding Class</u> <u>See Also Send Feedback</u>

Sets the port of the Binding to Modify

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Binding Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7Binding.PreviousBindingInformation Property

<u>Iis7Binding Class See Also Send Feedback</u>

Sets the PreviousBindingInformation to use when calling Modify

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Binding Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7Binding.PreviousBindingProtocol Property

<u>Iis7Binding Class See Also Send Feedback</u>

Sets the PreviousBindingProtocol to use when calling Modify

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Binding Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

## IIS7BindingAction Enumeration

See Also Send Feedback

## IIS7B inding Action

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

# **■ Members**

| Member name | Value | Description |
|-------------|-------|-------------|
| Add         | 0     | Add         |
| CheckExists | 1     | CheckExists |
| Modify      | 2     | Modify      |
| Remove      | 3     | Remove      |

# TfsBuildExtensions.Activities.Web Namespace

#### **Iis7Website Class**

Members See Also Send Feedback

#### Iis7Website

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

# **■ Inheritance Hierarchy**

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseRemoteCodeActivity
TfsBuildExtensions.Activities.Web.Iis7Website

<u>Iis7Website Members</u>
<u>TfsBuildExtensions.Activities.Web Namespace</u>

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TFS Build Extensions Help (v1.0.0.6)

## Iis7Website Members

<u>Iis7Website Class Constructors Properties See Also Send Feedback</u>

The <u>lis7Website</u> type exposes the following members.

## **■ Constructors**

|          | Name               | Description |
|----------|--------------------|-------------|
| <b>=</b> | <u>Iis7Website</u> |             |

# **■ Properties**

| Name                                   | Description  |
|--|--|
| Action                                 | Specifies the action to perform                                    |
| <u>ApplicationName</u>                 | Sets the Application Name  |
| <u>ApplicationPath</u>                 | Sets the ApplicationPath   |
| ApplicationPhysicalPath                | Sets the ApplicationPhysicalPath                                   |
| AppPool                                | Sets the app pool.   |
| <u>EnabledProtocols</u>                | Sets the Enabled Protocols for the website                         |
| <u>Exists</u>                          | Gets whether the website exists                                    |
| <u>Force</u>                           | Set to true to force the creation of a website, even if it exists. |
| <u>Name</u>                            | Sets the name of the Website                                       |
| <u>Path</u>                            | Sets the path.   |
| <u>PhysicalPath</u>                    | Gets the site physical path. [Output]                              |
| Port                                   | Sets the port.   |
| SiteId                                 | Gets the site id. [Output]   |
| <u>VirtualDirectoryApplicationPath</u> | Sets the VirtualDirectoryApplicationPath                           |
| VirtualDirectoryName                   | Sets the VirtualDirectoryName                                      |
| <u>VirtualDirectoryPhysicalPath</u>    | Sets the ApplicationPath   |

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7Website Constructor

<u>Iis7Website Class</u> <u>See Also Send Feedback</u>

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

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## **Iis7Website Properties**

<u>Iis7Website Class</u> <u>See Also Send Feedback</u>

The <u>lis7Website</u> type exposes the following members.

# **■ Properties**

| Name                                   | Description  |
|--|--|
| Action                                 | Specifies the action to perform                                    |
| <u>ApplicationName</u>                 | Sets the Application Name  |
| <u>ApplicationPath</u>                 | Sets the ApplicationPath   |
| ApplicationPhysicalPath                | Sets the ApplicationPhysicalPath                                   |
| AppPool                                | Sets the app pool.   |
| <u>EnabledProtocols</u>                | Sets the Enabled Protocols for the website                         |
| <u>Exists</u>                          | Gets whether the website exists                                    |
| <u>Force</u>                           | Set to true to force the creation of a website, even if it exists. |
| <u>Name</u>                            | Sets the name of the Website                                       |
| <u>Path</u>                            | Sets the path.   |
| <u>PhysicalPath</u>                    | Gets the site physical path. [Output]                              |
| Port                                   | Sets the port.   |
| SiteId                                 | Gets the site id. [Output]   |
| <u>VirtualDirectoryApplicationPath</u> | Sets the VirtualDirectoryApplicationPath                           |
| VirtualDirectoryName                   | Sets the VirtualDirectoryName                                      |
| <u>VirtualDirectoryPhysicalPath</u>    | Sets the ApplicationPath   |

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

## Iis7Website.Action Property

<u>Iis7Website Class See Also Send Feedback</u>

## Specifies the action to perform

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

## Iis7Website.ApplicationName Property

<u>Iis7Website Class See Also Send Feedback</u>

## Sets the Application Name

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

## Iis7Website.ApplicationPath Property

<u>Iis7Website Class See Also Send Feedback</u>

## Sets the ApplicationPath

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

### $I is 7 Website. Application Physical Path\ Property$

<u>Iis7Website Class See Also Send Feedback</u>

### $Sets\ the\ Application Physical Path$

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

### Iis7Website.AppPool Property

<u>Iis7Website Class See Also Send Feedback</u>

Sets the app pool.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

### Iis7Website.EnabledProtocols Property

<u>Iis7Website Class</u> <u>See Also Send Feedback</u>

Sets the Enabled Protocols for the website

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

# Iis7Website.Exists Property

<u>Iis7Website Class</u> <u>See Also Send Feedback</u>

Gets whether the website exists

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7Website.Force Property

<u>Iis7Website Class See Also Send Feedback</u>

Set to true to force the creation of a website, even if it exists.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

### Iis7Website.Name Property

<u>Iis7Website Class</u> <u>See Also Send Feedback</u>

Sets the name of the Website

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7Website.Path Property

<u>Iis7Website Class</u> <u>See Also Send Feedback</u>

Sets the path.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7Website.PhysicalPath Property

<u>Iis7Website Class See Also Send Feedback</u>

Gets the site physical path. [Output]

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7Website.Port Property

<u>Iis7Website Class</u> <u>See Also Send Feedback</u>

### Sets the port.

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

# Iis7Website.SiteId Property

<u>Iis7Website Class</u> <u>See Also Send Feedback</u>

Gets the site id. [Output]

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

## $I is 7 Website. Virtual Directory Application Path\ Property$

<u>Iis7Website Class See Also Send Feedback</u>

 $Sets\ the\ Virtual Directory Application Path$ 

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### Iis7Website.VirtualDirectoryName Property

<u>Iis7Website Class</u> <u>See Also Send Feedback</u>

### Sets the VirtualDirectoryName

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

## Iis7Website.VirtualDirectoryPhysicalPath Property

<u>Iis7Website Class</u> <u>See Also Send Feedback</u>

### Sets the ApplicationPath

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

<u>Iis7Website Class</u> <u>TfsBuildExtensions.Activities.Web Namespace</u>

#### IIS7WebsiteAction Enumeration

See Also Send Feedback

#### IIS7WebsiteAction

Namespace: <u>TfsBuildExtensions.Activities.Web</u> **Assembly:** TfsBuildExtensions.Activities.IIS7 (in

## $\blacksquare$ Members

| Member name                            | <b>Value</b> | Description                    |
|--|--------------|--------------------------------|
| AddApplication                         | 0            | AddApplication                 |
| AddVirtualDirectory                    | 1            | AddVirtualDirectory            |
| CheckExists                            | 2            | CheckExists                    |
| ${\bf Check Virtual Directory Exists}$ | 3            | Check Virtual Directory Exists |
| Create                                 | 4            | Create                         |
| Delete                                 | 5            | Delete                         |
| DeleteVirtualDirectory                 | 6            | DeleteVirtualDirectory         |
| ModifyPath                             | 7            | ModifyPath                     |
| Start                                  | 8            | Start                          |
| Stop                                   | 9            | Stop                           |

# TfsBuildExtensions.Activities.Web Namespace