TFS Build Extensions Help (v1.0.0.6)

TfsBuildExtensions.Activities Namespace

Send Feedback
### Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BaseCodeActivity</td>
<td>Provides a base class to all Activities which support remoting</td>
</tr>
<tr>
<td>BaseRemoteCodeActivity</td>
<td>Provides a base class to all Activities which support remoting</td>
</tr>
</tbody>
</table>

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Provides a base class to all Activities which support remoting

**Namespace:** TfsBuildExtensions.Activities

**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: 1.0.0.0 (1.0.0.6)
Inheritance Hierarchy

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

- BaseCodeActivity Members
- TfsBuildExtensions.Activities Namespace

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The BaseCodeActivity type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FailBuildOnError</strong></td>
<td>Set to true to fail the build if the activity logs any errors. Default is false</td>
</tr>
<tr>
<td><strong>IgnoreExceptions</strong></td>
<td>Set to true to ignore any unhandled exceptions thrown by activities. Default is false</td>
</tr>
<tr>
<td><strong>LogExceptionStack</strong></td>
<td>Set to true to log the entire stack in the event of an exception. Default is true</td>
</tr>
<tr>
<td><strong>TreatWarningsAsErrors</strong></td>
<td>Set to true to fail the build if the activity logs any errors. Default is false</td>
</tr>
</tbody>
</table>
See Also

- BaseCodeActivity Class
- TfsBuildExtensions.Activities Namespace

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FailBuildOnError</td>
<td>Set to true to fail the build if the activity logs any errors. Default is false</td>
</tr>
<tr>
<td>IgnoreExceptions</td>
<td>Set to true to ignore any unhandled exceptions thrown by activities. Default is false</td>
</tr>
<tr>
<td>LogExceptionStack</td>
<td>Set to true to log the entire stack in the event of an exception. Default is true</td>
</tr>
<tr>
<td>TreatWarningsAsErrors</td>
<td>Set to true to fail the build if the activity logs any errors. Default is false</td>
</tr>
</tbody>
</table>
See Also

BaseCodeActivity Class
TfsBuildExtensions.Activities Namespace

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**BaseCodeActivity.FailBuildOnError Property**

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

**Namespace:** TfsBuildExtensions.Activities

**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: 1.0.0.0 (1.0.0.6)
See Also

BaseCodeActivity Class
TfsBuildExtensions.Activities Namespace
BaseCodeActivity.IgnoreExceptions Property

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

**Namespace:** TfsBuildExtensions.Activities

**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: 1.0.0.0 (1.0.0.6)
See Also

BaseCodeActivity Class
TfsBuildExtensions.Activities Namespace

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

**Namespace:** TfsBuildExtensions.Activities

**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: 1.0.0.0 (1.0.0.6)
See Also

BaseCodeActivity Class
TfsBuildExtensions.Activities Namespace
BaseCodeActivity.TreatWarningsAsErrors Property

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

**Namespace:** TfsBuildExtensions.Activities

**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: 1.0.0.0 (1.0.0.6)
See Also

BaseCodeActivity Class
TfsBuildExtensions.Activities Namespace

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Provides a base class to all Activities which support remoting

**Namespace:** [TfsBuildExtensions.Activities](#)

**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)
Inheritance Hierarchy

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseRemoteCodeActivity
  TfsBuildExtensions.Activities.Web.Iis7Application
  TfsBuildExtensions.Activities.Web.Iis7AppPool
  TfsBuildExtensions.Activities.Web.Iis7Binding
  TfsBuildExtensions.Activities.Web.Iis7Website
See Also

BaseRemoteCodeActivity Members
TfsBuildExtensions.Activities Namespace

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The BaseRemoteCodeActivity type exposes the following members.
## Properties

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

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace
The **BaseRemoteCodeActivity** type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>AuthenticationLevel</strong></td>
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</tr>
<tr>
<td><strong>Authority</strong></td>
<td>Sets the authority to be used to authenticate the specified user.</td>
</tr>
<tr>
<td><strong>FailBuildOnError</strong></td>
<td>Set to true to fail the build if the activity logs any errors. Default is false</td>
</tr>
<tr>
<td><strong>IgnoreCaseExceptions</strong></td>
<td>Set to true to ignore any unhandled exceptions thrown by activities. Default is false</td>
</tr>
<tr>
<td><strong>LogExceptionStack</strong></td>
<td>Set to true to log the entire stack in the event of an exception. Default is false</td>
</tr>
<tr>
<td><strong>MachineName</strong></td>
<td>Sets the MachineName. Defaults to Environment.MachineName</td>
</tr>
<tr>
<td><strong>TreatWarningsAsErrors</strong></td>
<td>Set to true to fail the build if the activity logs any errors. Default is false</td>
</tr>
<tr>
<td><strong>UserName</strong></td>
<td>Sets the UserName</td>
</tr>
<tr>
<td><strong>UserPassword</strong></td>
<td>Sets the UserPassword.</td>
</tr>
</tbody>
</table>
See Also

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

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

**Namespace:** TfsBuildExtensions.Activities  
**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)
See Also

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

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

**Namespace:** TfsBuildExtensions.Activities

**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)
See Also

- BaseRemoteCodeActivity Class
- TfsBuildExtensions.Activities Namespace

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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:** TfsBuildExtensions.Activities

**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)
See Also

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Set to true to ignore any unhandled exceptions thrown by activities. Default is false.

**Namespace:** TfsBuildExtensions.Activities  
**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)
See Also

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

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BaseRemoteCodeActivity.LogExceptionStack Property

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

Namespace: TfsBuildExtensions.Activities
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)
See Also

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

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Sets the MachineName. Defaults to Environment.MachineName

**Namespace:** [TfsBuildExtensions.Activities](https://example.com)

**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)
See Also

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

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BaseRemoteCodeActivity.TreatWarningsAsErrors Property

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

**Namespace:** TfsBuildExtensions.Activities

**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)
See Also

BaseRemoteCodeActivity Class
TfsBuildExtensions.Activities Namespace

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Sets the UserName

**Namespace:** TfsBuildExtensions.Activities  
**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)
See Also

- BaseRemoteCodeActivity Class
- TfsBuildExtensions.Activities Namespace

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Sets the UserPassword.

**Namespace:** [TfsBuildExtensions.Activities](#)

**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)
See Also

- BaseRemoteCodeActivity Class
- TfsBuildExtensions.Activities Namespace
### Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
</table>
Examples

XML

<!-- Run Code Metrics for SampleApp.exe and SampleLibrary.dll -->
	<
tac:CodeMetrics FailBuildOnError="{x:Null}" TreatWarningsAsErrors="false"
/>
### Examples

**XML**

```xml
<!-- Run NUnit on all binaries (*.dll) for the the
<Sequence>
<Sequence.Variables>
<Variable x:TypeArguments="scg2:IEnumerable(x:String)"
<Variable x:TypeArguments="x:Int32" Name="Total" />
<Variable x:TypeArguments="x:Int32" Name="Errors" />
</Sequence.Variables>
<mtbwa:FindMatchingFiles DisplayName="Find NUnitTest assembles"
<tan:NUnit PublishTestResults="True" Flavor="[platformConfiguration.Configuration]"
</Sequence>
```

---

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

Namespace: TfsBuildExtensions.Activities.CodeQuality
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
See Also

CodeMetrics Members
TfsBuildExtensions.Activities.CodeQuality Namespace

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The CodeMetrics type exposes the following members.
# Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CodeMetrics</td>
<td></td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BinariesDirectory</td>
<td>Path to where the binaries are placed</td>
</tr>
<tr>
<td>CyclomaticComplexityErrorThreshold</td>
<td>Threshold value for what Cyclomatic Complexity should fail the build</td>
</tr>
<tr>
<td>CyclomaticComplexityWarningThreshold</td>
<td>Threshold value for what Cyclomatic Complexity should partially fail the build</td>
</tr>
<tr>
<td>FilesToProcess</td>
<td>Optional: Which files that should be processed. Can be a list of files or file match patterns. Defaults to <em>.dll;</em>.exe</td>
</tr>
<tr>
<td>GeneratedFileName</td>
<td>Optional: Name of the generated metrics result file. Should end with .xml</td>
</tr>
<tr>
<td>MaintainabilityIndexErrorThreshold</td>
<td>Threshold value for what Maintainability Index should fail the build</td>
</tr>
<tr>
<td>MaintainabilityIndexWarningThreshold</td>
<td>Threshold value for what Maintainability Index should partially fail the build</td>
</tr>
</tbody>
</table>
See Also

CodeMetrics Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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CodeMetrics Constructor

Namespace: TfsBuildExtensions.Activities.CodeQuality
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

- CodeMetrics Class
- TfsBuildExtensions.Activities.CodeQuality Namespace

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

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<tr>
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<th>Description</th>
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</thead>
<tbody>
<tr>
<td>BinariesDirectory</td>
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</tr>
<tr>
<td>CyclomaticComplexityErrorThreshold</td>
<td>Threshold value for what Cyclomatic Complexity should fail the build</td>
</tr>
<tr>
<td>CyclomaticComplexityWarningThreshold</td>
<td>Threshold value for what Cyclomatic Complexity should partially fail the build</td>
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<tr>
<td>FilesToProcess</td>
<td>Optional: Which files that should be processed. Can be a list of files or file match patterns. Defaults to <em>.dll;</em>.exe</td>
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<td>Threshold value for what Maintainability Index should fail the build</td>
</tr>
<tr>
<td>MaintainabilityIndexWarningThreshold</td>
<td>Threshold value for what Maintainability Index should partially fail the build</td>
</tr>
</tbody>
</table>
See Also

CodeMetrics Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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Path to where the binaries are placed

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](https://example.com)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

CodeMetrics Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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Threshold value for what Cyclomatic Complexity should fail the build

**Namespace:** TfsBuildExtensions.Activities.CodeQuality

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

CodeMetrics Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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Threshold value for what Cyclomatic Complexity should partially fail the build

**Namespace:** `TfsBuildExtensions.Activities.CodeQuality`  
**Assembly:** `TfsBuildExtensions.Activities` (in `TfsBuildExtensions.Activities.dll`)  
**Version:** `1.0.0.0` (`1.0.0.6`)
See Also

- CodeMetrics Class
- TfsBuildExtensions.Activities.CodeQuality Namespace

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

**Namespace:**  [TfsBuildExtensions.Activities.CodeQuality](https://example.com)
**Assembly:**  TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
**Version:**  1.0.0.0 (1.0.0.6)
See Also

CodeMetrics Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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

Namespace: TfsBuildExtensions.Activities.CodeQuality
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

CodeMetrics Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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Threshold value for what Maintainability Index should fail the build

**Namespace:**  [TfsBuildExtensions.Activities.CodeQuality](#)

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

**Version:**  1.0.0.0 (1.0.0.6)
See Also

CodeMetrics Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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Threshold value for what Maintainability Index should partially fail the build

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

CodeMetrics Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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NUnit Class

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

XML

```xml
<!-- Run NUnit on all binaries (*.dll) for the current configuration/platform -->
<Sequence>
    <Sequence.Variables>
        <Variable x:TypeArguments="scg2:IEnumerable(x:String)">
        <Variable x:TypeArguments="x:Int32" Name="Total" />
        <Variable x:TypeArguments="x:Int32" Name="Errors" />
    </Sequence.Variables>
    <mtbwa:FindMatchingFiles DisplayName="Find NUnitTest assemblies"/>
    <tan:NUnit PublishTestResults="True" Flavor="[platformConfiguration.Configuration]"/>
</Sequence>
```

Namespace: TfsBuildExtensions.Activities.CodeQuality
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.NUnit
See Also

NUnit Members
TfsBuildExtensions.Activities.CodeQuality Namespace

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUnit</td>
<td>Initializes a new instance of the NUnit class</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assemblies</td>
<td>The assemblies to process.</td>
</tr>
<tr>
<td>Configuration</td>
<td>Sets the Project configuration (e.g.: Debug) to load.</td>
</tr>
<tr>
<td>Domain</td>
<td>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.</td>
</tr>
<tr>
<td>ErrorOutputFile</td>
<td>Sets the File to receive test error output</td>
</tr>
<tr>
<td>Errors</td>
<td>Gets the Errors count</td>
</tr>
<tr>
<td>ExcludeCategory</td>
<td>Comma separated list of categories to exclude.</td>
</tr>
<tr>
<td>Failures</td>
<td>Gets the Failures count</td>
</tr>
<tr>
<td>Flavor</td>
<td>Which flavor to publish test results for (ex. Debug)</td>
</tr>
<tr>
<td>Framework</td>
<td>Framework version to be used for tests</td>
</tr>
<tr>
<td>Ignored</td>
<td>Gets the Ignored count</td>
</tr>
<tr>
<td>IncludeCategory</td>
<td>Comma separated list of categories to include.</td>
</tr>
<tr>
<td>Inconclusive</td>
<td>Gets the Inconclusive count</td>
</tr>
<tr>
<td>Invalid</td>
<td>Gets the Invalid count</td>
</tr>
<tr>
<td>Labels</td>
<td>Label each test in stdOut. Default is false.</td>
</tr>
<tr>
<td>NoShadow</td>
<td>Disable shadow copy when running in separate domain. Default is false.</td>
</tr>
<tr>
<td>NoThread</td>
<td>Disable use of a separate thread for tests. Default is false.</td>
</tr>
<tr>
<td>NotRun</td>
<td>Gets the NotRun count</td>
</tr>
<tr>
<td>OutputFile</td>
<td>File to receive test output</td>
</tr>
<tr>
<td>OutputXmlFile</td>
<td>Sets the OutputXmlFile name</td>
</tr>
<tr>
<td>Platform</td>
<td>Which platform to publish test results for (ex. Any CPU)</td>
</tr>
<tr>
<td>Parameter</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Process</td>
<td>Process model for tests. Supports Single, Separate, Multiple. Single is the Default</td>
</tr>
<tr>
<td>PublishTestResults</td>
<td>Set to true to publish test results back to TFS</td>
</tr>
<tr>
<td>Run</td>
<td>Name of the test case(s), fixture(s) or namespace(s) to run</td>
</tr>
<tr>
<td>Skipped</td>
<td>Gets the Skipped count</td>
</tr>
<tr>
<td>TestTimeout</td>
<td>Set timeout for each test case in milliseconds</td>
</tr>
<tr>
<td>TimeTaken</td>
<td>Gets the Time taken to run the tests</td>
</tr>
<tr>
<td>ToolPath</td>
<td>Gets or sets the ToolPath (defaults to %ProgramFiles%\Nunit{version}\bin\nunit-console[-86].exe</td>
</tr>
<tr>
<td>Total</td>
<td>Gets the Total count</td>
</tr>
<tr>
<td>Use32Bit</td>
<td>Set to true to run nunit-console-x86.exe</td>
</tr>
<tr>
<td>Version</td>
<td>The version of NUnit to run. Default is 2.5.7</td>
</tr>
</tbody>
</table>
See Also

- NUnit Class
- TfsBuildExtensions.Activities.CodeQuality Namespace

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Initializes a new instance of the NUnit class

**Namespace:** TfsBuildExtensions.Activities.CodeQuality

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Assemblies</strong></td>
<td>The assemblies to process.</td>
</tr>
<tr>
<td><strong>Configuration</strong></td>
<td>Sets the Project configuration (e.g.: Debug) to load</td>
</tr>
<tr>
<td><strong>Domain</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>ErrorOutputFile</strong></td>
<td>Sets the File to receive test error output</td>
</tr>
<tr>
<td><strong>Errors</strong></td>
<td>Gets the Errors count</td>
</tr>
<tr>
<td><strong>ExcludeCategory</strong></td>
<td>Comma separated list of categories to exclude.</td>
</tr>
<tr>
<td><strong>Failures</strong></td>
<td>Gets the Failures count</td>
</tr>
<tr>
<td><strong>Flavor</strong></td>
<td>Which flavor to publish test results for (ex. Debug)</td>
</tr>
<tr>
<td><strong>Framework</strong></td>
<td>Framework version to be used for tests</td>
</tr>
<tr>
<td><strong>Ignored</strong></td>
<td>Gets the Ignored count</td>
</tr>
<tr>
<td><strong>IncludeCategory</strong></td>
<td>Comma separated list of categories to include.</td>
</tr>
<tr>
<td><strong>Inconclusive</strong></td>
<td>Gets the Inconclusive count</td>
</tr>
<tr>
<td><strong>Invalid</strong></td>
<td>Gets the Invalid count</td>
</tr>
<tr>
<td><strong>Labels</strong></td>
<td>Label each test in stdOut. Default is false.</td>
</tr>
<tr>
<td><strong>NoShadow</strong></td>
<td>Disable shadow copy when running in separate domain. Default is false.</td>
</tr>
<tr>
<td><strong>NoThread</strong></td>
<td>Disable use of a separate thread for tests. Default is false.</td>
</tr>
<tr>
<td><strong>NotRun</strong></td>
<td>Gets the NotRun count</td>
</tr>
<tr>
<td><strong>OutputFile</strong></td>
<td>File to receive test output</td>
</tr>
<tr>
<td><strong>OutputXmlFile</strong></td>
<td>Sets the OutputXmlFile name</td>
</tr>
<tr>
<td><strong>Platform</strong></td>
<td>Which platform to publish test results for (ex. Any CPU)</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
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<td>-----------------------------------------------------------------------------</td>
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<td>Process model for tests. Supports Single, Separate, Multiple. Single is the Default</td>
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<td>Total</td>
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<td>Use32Bit</td>
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<td>The version of NUnit to run. Default is 2.5.7</td>
</tr>
</tbody>
</table>
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace
The assemblies to process.

**Namespace:** TfsBuildExtensions.Activities.CodeQuality  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](#)

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

**Version:** 1.0.0 (1.0.0.6)
See Also

- NUnit Class
- TfsBuildExtensions.Activities.CodeQuality Namespace

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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:** TfsBuildExtensions.Activities.CodeQuality  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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Sets the File to receive test error output

**Namespace:** TfsBuildExtensions.Activities.CodeQuality  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

NUnit Class

TfsBuildExtensions.Activities.CodeQuality Namespace

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NUnit.Errors Property

Namespace: TfsBuildExtensions.Activities.CodeQuality
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)

Gets the Errors count
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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Comma separated list of categories to exclude.

Namespace: TfsBuildExtensions.Activities.CodeQuality
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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NUnit.Failures Property

Namespace: TfsBuildExtensions.Activities.CodeQuality
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)

Gets the Failures count
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](#)
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
**Version:** 1.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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Framework version to be used for tests

**Namespace:** TfsBuildExtensions.Activities.CodeQuality  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace
NUnit.Ignored Property

Gets the Ignored count

Namespace: TfsBuildExtensions.Activities.CodeQuality
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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Comma separated list of categories to include.

**Namespace:** TfsBuildExtensions.Activities.CodeQuality  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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NUnit.Inconclusive Property

Gets the Inconclusive count

**Namespace**: TfsBuildExtensions.Activities.CodeQuality

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

**Version**: 1.0.0.0 (1.0.0.6)
See Also

- NUnit Class
- TfsBuildExtensions.Activities.CodeQuality Namespace

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NUnit.Invalid Property

Gets the Invalid count

Namespace: TfsBuildExtensions.Activities.CodeQuality
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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Label each test in stdOut. Default is false.

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](https://example.com)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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NUnit.NoShadow Property
NUnit Class See Also Send Feedback

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

Namespace: TfsBuildExtensions.Activities.CodeQuality
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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NUnit.NotRun Property

Namespace: TfsBuildExtensions.Activities.CodeQuality
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)

Gets the NotRun count
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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NUnit.OutputFile Property

Namespace: **TfsBuildExtensions.Activities.CodeQuality**
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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NUnit.OutputXmlFile Property

Sets the OutputXmlFile name

Namespace: TfsBuildExtensions.Activities.CodeQuality
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](#)

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

**Version:** 1.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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

**Namespace:** TfsBuildExtensions.Activities.CodeQuality  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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NUnit.PublishTestResults Property

Set to true to publish test results back to TFS

**Namespace:** TfsBuildExtensions.Activities.CodeQuality  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](#)

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

Version: 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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NUnit.Skipped Property

Gets the Skipped count

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](mailto:TfsBuildExtensions.Activities.CodeQuality)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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Set timeout for each test case in milliseconds

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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NUnit.TimeTaken Property

Gets the Time taken to run the tests

**Namespace:** TfsBuildExtensions.Activities.CodeQuality  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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NUnit.ToolPath Property

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

Namespace: TfsBuildExtensions.Activities.CodeQuality
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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NUnit.Total Property

Gets the Total count

**Namespace:** TfsBuildExtensions.Activities.CodeQuality  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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

**Namespace:**  TfsBuildExtensions.Activities.CodeQuality  
**Assembly:**  TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:**  1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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The version of NUnit to run. Default is 2.5.7

**Namespace:** TfsBuildExtensions.Activities.CodeQuality

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

NUnit Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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

**Namespace:** TfsBuildExtensions.Activities.CodeQuality  
**Assembly:** TfsBuildExtensions.Activities.StyleCop (in TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)
<Sequence DisplayName="TFSBuildExtensions StyleCop Sequence">
    <Sequence.Variables>
        <Variable x:TypeArguments="x:Int32" Name="StyleCopViolationCount" />
    </Sequence.Variables>
    <tac1:StyleCop AdditionalAddInPaths="{x:Null}" CacheResults/>
</Sequence>
Inheritance Hierarchy

- `System.Object`
- `System.Activities.Activity`
- `System.Activities.CodeActivity`
- `TfsBuildExtensions.Activities.BaseCodeActivity`
- `TfsBuildExtensions.Activities.CodeQuality.StyleCop`
See Also

StyleCop Members
TfsBuildExtensions.Activities.CodeQuality Namespace
The **StyleCop** type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>StyleCop</td>
<td></td>
</tr>
</tbody>
</table>
## Properties

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

StyleCop Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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StyleCop Constructor

Namespace: TfsBuildExtensions.Activities.CodeQuality
Assembly: TfsBuildExtensions.Activities.StyleCop (in TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

StyleCop Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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StyleCop Properties

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

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<thead>
<tr>
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<th>Description</th>
</tr>
</thead>
<tbody>
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<td>AdditionalAddInPaths</td>
<td>Set the location of any custom addins</td>
</tr>
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<td>Sets a value indicating whether StyleCop should write cache files to disk after performing an analysis. Default is false.</td>
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<tr>
<td>Succeeded</td>
<td>Gets whether the scan succeeded.</td>
</tr>
<tr>
<td>TreatViolationsErrorsAsWarnings</td>
<td>Set to true to treat all stylecop violations as warnings</td>
</tr>
<tr>
<td>ViolationCount</td>
<td>Gets the number of violations found.</td>
</tr>
<tr>
<td>XmlOutputFile</td>
<td>Sets the name for the XML log file produced by the StyleCop runner</td>
</tr>
</tbody>
</table>
See Also

StyleCop Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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Set the location of any custom addins

**Namespace:** TfsBuildExtensions.Activities.CodeQuality  
**Assembly:** TfsBuildExtensions.Activities.StyleCop (in TfsBuildExtensions.Activities.StyleCop.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

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

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](#)

**Assembly:** TfsBuildExtensions.Activities.StyleCop (in TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

StyleCop Class
TfsBuild Extensions.Activities.CodeQuality Namespace
StyleCop.Property

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

**Namespace:** TfsBuildExtensions.Activities.CodeQuality  
**Assembly:** TfsBuildExtensions.Activities.StyleCop (in TfsBuildExtensions.Activities.StyleCop.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

StyleCop Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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StyleCop.LogFile Property

Sets the text log file that list the violation

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](#)

**Assembly:** TfsBuildExtensions.Activities.StyleCop (in TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

StyleCop Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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Sets the maximum violation count before scanning is halted.

**Namespace:** TfsBuildExtensions.Activities.CodeQuality  
**Assembly:** TfsBuildExtensions.Activities.StyleCop (in TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

StyleCop Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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Sets the path to the settings file that defines the rules

**Namespace:** TfsBuildExtensions.Activities.CodeQuality  
**Assembly:** TfsBuildExtensions.Activities.StyleCop (in TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

StyleCop Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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StyleCop.ShowOutput Property

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

**Namespace:** TfsBuildExtensions.Activities.CodeQuality
**Assembly:** TfsBuildExtensions.Activities.StyleCop (in TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

StyleCop Class
TfsBuildExtensions.Activities.CodeQuality Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Sets the source files path or list of specific files

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](#)
**Assembly:** TfsBuildExtensions.Activities.StyleCop (in TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

StyleCop Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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StyleCop.Succeeded Property

Gets whether the scan succeeded.

**Namespace:** TfsBuildExtensions.Activities.CodeQuality  
**Assembly:** TfsBuildExtensions.Activities.StyleCop (in TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

StyleCop Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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StyleCop.TreatViolationsErrorsAsWarnings Property

Set to true to treat all stylecop violations as warnings

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](#)

**Assembly:** TfsBuildExtensions.Activities.StyleCop (in TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

StyleCop Class
TfsBuildExtensions.Activities.CodeQuality Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Gets the number of violations found.

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](#)

**Assembly:** TfsBuildExtensions.Activities.StyleCop (in TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

StyleCop Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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

**Namespace:** [TfsBuildExtensions.Activities.CodeQuality](#)

**Assembly:** TfsBuildExtensions.Activities.StyleCop (in TfsBuildExtensions.Activities.StyleCop.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

StyleCop Class
TfsBuildExtensions.Activities.CodeQuality Namespace

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### Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
</table>
| 🌐 Email | **Valid Actions are:**  
Send *(Required: SmtpServer, MailFrom, MailTo, Subject)*  
*Optional: Priority, Body, Format, Attachments, UseDefaultCredentials, UserName, UserPassword, Port, EnableSsl)* |
<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EmailAction</td>
<td>EmailAction</td>
</tr>
</tbody>
</table>
Valid Actions are:

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

Namespace: TfsBuildExtensions.Activities.Communication
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
Examples

XML

```xml
<Sequence DisplayName="TFSBuildExtensions Email Sequence" 
    <Sequence.Variables>
        <Variable x:TypeArguments="x:String" Default="YOUAREMAILFROMADDRESS"/>
        <Variable x:TypeArguments="s:String[]" Default="["]
        <Variable x:TypeArguments="x:String" Name="variable1"/>
    </Sequence.Variables>
    <tac2:Email Attachments="{x:Null}" Body="{x:Null}"/>
</Sequence>
```
Inheritance Hierarchy

System.Object
System.Activities.Activity
System.Activities.CodeActivity
TfsBuildExtensions.Activities.BaseCodeActivity
TfsBuildExtensions.Activities.Communication.Email
See Also

Email Members
TfsBuildExtensions.Activities.Communication Namespace

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Email</td>
<td></td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action</td>
<td>Specifies the action to perform. Default is Send.</td>
</tr>
<tr>
<td>Attachments</td>
<td>An Item Collection of full paths of files to attach to the email.</td>
</tr>
<tr>
<td>Body</td>
<td>The body of the email.</td>
</tr>
<tr>
<td>EnableSsl</td>
<td>Sets whether to EnableSsl</td>
</tr>
<tr>
<td>Format</td>
<td>Sets the format of the email. Default is HTML</td>
</tr>
<tr>
<td>MailFrom</td>
<td>The email address to send the email from.</td>
</tr>
<tr>
<td>MailTo</td>
<td>Sets the Item Collection of email address to send the email to.</td>
</tr>
<tr>
<td>Port</td>
<td>Sets the port to use. Ignored if not specified.</td>
</tr>
<tr>
<td>Priority</td>
<td>The priority of the email. Default is Normal</td>
</tr>
<tr>
<td>SmtpServer</td>
<td>The SMTP server to use to send the email.</td>
</tr>
<tr>
<td>Subject</td>
<td>The subject of the email.</td>
</tr>
<tr>
<td>UseDefaultCredentials</td>
<td>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.</td>
</tr>
</tbody>
</table>

**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.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UserName</strong></td>
<td>Sets the UserName if SmtpClient requires credentials</td>
</tr>
<tr>
<td><strong>UserPassword</strong></td>
<td>Sets the UserPassword if SmtpClient requires credentials</td>
</tr>
</tbody>
</table>
See Also

Email Class

TfsBuildExtensions.Activities.Communication Namespace

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Email Constructor

Namespace: TfsBuildExtensions.Activities.Communication
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

- Email Class
  - TfsBuildExtensions.Activities.Communication Namespace

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The **Email** type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action</td>
<td>Specifies the action to perform. Default is Send.</td>
</tr>
<tr>
<td>Attachments</td>
<td>An Item Collection of full paths of files to attach to the email.</td>
</tr>
<tr>
<td>Body</td>
<td>The body of the email.</td>
</tr>
<tr>
<td>EnableSsl</td>
<td>Sets whether to EnableSsl</td>
</tr>
<tr>
<td>Format</td>
<td>Sets the format of the email. Default is HTML</td>
</tr>
<tr>
<td>MailFrom</td>
<td>The email address to send the email from.</td>
</tr>
<tr>
<td>MailTo</td>
<td>Sets the Item Collection of email address to send the email to.</td>
</tr>
<tr>
<td>Port</td>
<td>Sets the port to use. Ignored if not specified.</td>
</tr>
<tr>
<td>Priority</td>
<td>The priority of the email. Default is Normal</td>
</tr>
<tr>
<td>SmtpServer</td>
<td>The SMTP server to use to send the email.</td>
</tr>
<tr>
<td>Subject</td>
<td>The subject of the email.</td>
</tr>
<tr>
<td>UseDefaultCredentials</td>
<td>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.</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th><strong>UserName</strong></th>
<th>Sets the UserName if SmtpClient requires credentials</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UserPassword</strong></td>
<td>Sets the UserPassword if SmtpClient requires credentials</td>
</tr>
</tbody>
</table>
See Also

Email Class
TfsBuildExtensions.Activities.Communication Namespace

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Email.Action Property

Specifies the action to perform. Default is Send.

**Namespace:** [TfsBuildExtensions.Activities.Communication](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

Email Class
TfsBuildExtensions.Activities.Communication Namespace

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Email.Attachments Property

Namespace: TfsBuildExtensions.Activities.Communication
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)

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

Email Class
TfsBuildExtensions.Activities.Communication Namespace

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Email.Body Property

The body of the email.

**Namespace:** [TfsBuildExtensions.Activities.Communication](#)

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

**Version:** 1.0.0 (1.0.0.6)
See Also

Email Class
TfsBuildExtensions.Activities.Communication Namespace

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Sets whether to EnableSsl

**Namespace:** [TfsBuildExtensions.Activities.Communication](#)

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

Version: 1.0.0 (1.0.0.6)
See Also

- Email Class
- TfsBuildExtensions.Activities.Communication Namespace

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Email.Format Property

Sets the format of the email. Default is HTML

Namespace: TfsBuildExtensions.Activities.Communication
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

Email Class

TfsBuildExtensions.Activities.Communication Namespace

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Email.MailFrom Property

The email address to send the email from.

**Namespace:** TfsBuildExtensions.Activities.Communication

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

Email Class
TfsBuildExtensions.Activities.Communication Namespace

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Email.MailTo Property

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

**Namespace:** [TfsBuildExtensions.Activities.Communication](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

Email Class
TfsBuildExtensions.Activities.Communication Namespace

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Sets the port to use. Ignored if not specified.

**Namespace:** [TfsBuildExtensions.Activities.Communication](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

Email Class
TfsBuildExtensions.Activities.Communication Namespace

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Email.Priority Property

The priority of the email. Default is Normal

**Namespace:** [TfsBuildExtensions.Activities.Communication](#)

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

Version: 1.0.0.0 (1.0.0.6)
See Also

Email Class
TfsBuildExtensions.Activities.Communication Namespace
The SMTP server to use to send the email.

**Namespace:** TfsBuildExtensions.Activities.Communication  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

Email Class
TfsBuildExtensions.Activities.Communication Namespace

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Email.Subject Property

The subject of the email.

Namespace: TfsBuildExtensions.Activities.Communication
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

Email Class
TfsBuildExtensions.Activities.Communication Namespace

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Email.UseDefaultCredentials Property

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:** TfsBuildExtensions.Activities.Communication  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

- Email Class
- TfsBuildExtensions.Activities.Communication Namespace
Email.Username Property

Sets the Username if SmtpClient requires credentials

Namespace: TfsBuildExtensions.Activities.Communication
Assembly:  TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

Email Class
TfsBuildExtensions.Activities.Communication Namespace

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Email.UserPassword Property

Sets the UserPassword if SmtpClient requires credentials

Namespace: TfsBuildExtensions.Activities.Communication
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

Email Class
TfsBuildExtensions.Activities.Communication Namespace

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EmailAction Enumeration

Namespace: TfsBuildExtensions.Activities.Communication
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
## Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Send</td>
<td>0</td>
<td>Send</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.Communication Namespace
<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Zip" /></td>
<td><strong>Zip</strong></td>
</tr>
</tbody>
</table>

**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)
## Enumerations

<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZipAction</td>
<td>ZipAction</td>
</tr>
</tbody>
</table>

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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: TfsBuildExtensions.Activities.Compression
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
Examples

XML

```xml
<Sequence DisplayName="TFSBuildExtensions Zip Sequence"
< 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
See Also

Zip Members
TfsBuildExtensions.Activities.Compression Namespace

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The **Zip** type exposes the following members.
### Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zip</td>
<td></td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action</td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td>CompressionLevel</td>
<td>Sets the CompressionLevel to use. Default is Default, also supports BestSpeed and BestCompression</td>
</tr>
<tr>
<td>CompressPath</td>
<td>Sets the Path to Zip.</td>
</tr>
<tr>
<td>ExtractPath</td>
<td>Path to extract the zip file to</td>
</tr>
<tr>
<td>Files</td>
<td>Sets the files to Compress</td>
</tr>
<tr>
<td>Password</td>
<td>Sets the Password to be used</td>
</tr>
<tr>
<td>RemoveRoot</td>
<td>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</td>
</tr>
<tr>
<td>ZipFileName</td>
<td>Sets the name of the Zip File</td>
</tr>
</tbody>
</table>
See Also

Zip Class
TfsBuildExtensions.Activities.Compression Namespace

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Namespace: TfsBuildExtensions.Activities.Compression
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

Zip Class
TfsBuildExtensions.Activities.Compression Namespace

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The `Zip` type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action</td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td>CompressionLevel</td>
<td>Sets the CompressionLevel to use. Default is Default, also supports BestSpeed and BestCompression</td>
</tr>
<tr>
<td>CompressPath</td>
<td>Sets the Path to Zip.</td>
</tr>
<tr>
<td>ExtractPath</td>
<td>Path to extract the zip file to</td>
</tr>
<tr>
<td>Files</td>
<td>Sets the files to Compress</td>
</tr>
<tr>
<td>Password</td>
<td>Sets the Password to be used</td>
</tr>
<tr>
<td>RemoveRoot</td>
<td>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</td>
</tr>
<tr>
<td>ZipFileName</td>
<td>Sets the name of the Zip File</td>
</tr>
</tbody>
</table>
See Also

Zip Class
TfsBuildExtensions.Activities.Compression Namespace
Zip.Action Property

Specifies the action to perform

**Namespace:** [TfsBuildExtensions.Activities.Compression](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

Zip Class
TfsBuildExtensions.Activities.Compression Namespace

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Zip.CompressionLevel Property

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

Namespace: TfsBuildExtensions.Activities.Compression
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

Zip Class
TfsBuildExtensions.Activities.Compression Namespace

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Zip.CompressPath Property

Sets the Path to Zip.

**Namespace:** [TfsBuildExtensions.Activities.Compression](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

Zip Class
TfsBuildExtensions.Activities.Compression Namespace
Path to extract the zip file to

**Namespace:** TfsBuildExtensions.Activities.Compression  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

Zip Class

TfsBuildExtensions.Activities.Compression Namespace

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Sets the files to Compress

**Namespace:** TfsBuildExtensions.Activities.Compression  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

Zip Class
TfsBuildExtensions.Activities.Compression Namespace
Sets the Password to be used

**Namespace:** TfsBuildExtensions.Activities.Compression

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

Zip Class
TfsBuildExtensions.Activities.Compression Namespace

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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:** [TfsBuildExtensions.Activities.Compression](#)

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

Version: 1.0.0.0 (1.0.0.6)
See Also

Zip Class

TfsBuildExtensions.Activities.Compression Namespace

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Sets the name of the Zip File

**Namespace:** TfsBuildExtensions.Activities.Compression

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

Zip Class
TfsBuildExtensions.Activities.Compression Namespace

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ZipAction

**Namespace:** [TfsBuildExtensions.Activities.Compression](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
## Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddFiles</td>
<td>0</td>
<td>AddFiles</td>
</tr>
<tr>
<td>Create</td>
<td>1</td>
<td>Create</td>
</tr>
<tr>
<td>Extract</td>
<td>2</td>
<td>Extract</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.Compression Namespace

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## Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
</table>
| **File**  | 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) |
| **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:  
  *Copy* |
## Enumerations

<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FileAction</td>
<td>FileAction</td>
</tr>
<tr>
<td>RoboCopyAction</td>
<td>RoboCopyAction</td>
</tr>
</tbody>
</table>

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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: TfsBuildExtensions.Activities.FileSystem

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.FileSystem.File
See Also

File Members
TfsBuildExtensions.Activities.FileSystem Namespace

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The **File** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>File</td>
<td></td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>Attributes</strong></td>
<td>The File attributes</td>
</tr>
<tr>
<td><strong>Checksum</strong></td>
<td>Gets the file checksum</td>
</tr>
<tr>
<td><strong>Files</strong></td>
<td>An ItemList of files to process. If calling SetAttributes, RemoveAttributes or AddAttributes, include the attributes in an Attributes metadata tag, separated by a semicolon.</td>
</tr>
<tr>
<td><strong>Path</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>RegexPattern</strong></td>
<td>Sets the regex pattern.</td>
</tr>
<tr>
<td><strong>Replacement</strong></td>
<td>The replacement text to use. Default is string.Empty</td>
</tr>
<tr>
<td><strong>TargetPath</strong></td>
<td>Sets the TargetPath for a renamed file</td>
</tr>
<tr>
<td><strong>TextEncoding</strong></td>
<td>The file encoding to write the new file in. The task will attempt to default to the current file encoding.</td>
</tr>
</tbody>
</table>
See Also

- File Class
- TfsBuildExtensions.Activities.FileSystem Namespace

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File Constructor

Namespace: TfsBuildExtensions.Activities.FileSystem
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

File Class
TfsBuildExtensions.Activities.FileSystem Namespace

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The **File** type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>Attributes</strong></td>
<td>The File attributes</td>
</tr>
<tr>
<td><strong>Checksum</strong></td>
<td>Gets the file checksum</td>
</tr>
<tr>
<td><strong>Files</strong></td>
<td>An ItemList of files to process. If calling SetAttributes, RemoveAttributes or AddAttributes, include the attributes in an Attributes metadata tag, separated by a semicolon.</td>
</tr>
<tr>
<td><strong>Path</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>RegexpPattern</strong></td>
<td>Sets the regex pattern.</td>
</tr>
<tr>
<td><strong>Replacement</strong></td>
<td>The replacement text to use. Default is string.Empty</td>
</tr>
<tr>
<td><strong>TargetPath</strong></td>
<td>Sets the TargetPath for a renamed file</td>
</tr>
<tr>
<td><strong>TextEncoding</strong></td>
<td>The file encoding to write the new file in. The task will attempt to default to the current file encoding.</td>
</tr>
</tbody>
</table>
See Also

File Class
TfsBuildExtensions.Activities.FileSystem Namespace

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Specifies the action to perform

**Namespace:** [TfsBuildExtensions.Activities.FileSystem](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

File Class
TfsBuildExtensions.Activities.FileSystem Namespace

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The File attributes

**Namespace:** TfsBuildExtensions.Activities.FileSystem
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
**Version:** 1.0.0.0 (1.0.0.6)
See Also

File Class
TfsBuildExtensions.Activities.FileSystem Namespace

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Gets the file checksum

**Namespace:** [TfsBuildExtensions.Activities.FileSystem](#)

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

**Version:** 1.0.0 (1.0.0.6)
See Also

File Class

TfsBuildExtensions.Activities.FileSystem Namespace
File.Files Property

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:** [TfsBuildExtensions.Activities.FileSystem](#)

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

Version: 1.0.0.0 (1.0.0.6)
See Also

File Class
TfsBuildExtensions.Activities.FileSystem Namespace

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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:** TfsBuildExtensions.Activities.FileSystem

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

Version: 1.0.0.0 (1.0.0.6)
See Also

File Class
TfsBuildExtensions.Activities.FileSystem Namespace

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File.RegexPattern Property

Sets the regex pattern.

**Namespace:** [TfsBuildExtensions.Activities.FileSystem](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

File Class
TfsBuildExtensions.Activities.FileSystem Namespace

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File Replacement Property

The replacement text to use. Default is string.Empty

**Namespace:** TfsBuildExtensions.Activities.FileSystem

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

File Class
TfsBuildExtensions.Activities.FileSystem Namespace

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Sets the TargetPath for a renamed file

**Namespace:** TfsBuildExtensions.Activities.FileSystem  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0 (1.0.0.6)
See Also

File Class
TfsBuildExtensions.Activities.FileSystem Namespace

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

**Namespace:** TfsBuildExtensions.Activities.FileSystem  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

File Class
TfsBuildExtensions.Activities.FileSystem Namespace

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FileAction

Namespace: TfsBuildExtensions.Activities.FileSystem
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
### Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddAttributes</td>
<td>0</td>
<td>AddAttributes</td>
</tr>
<tr>
<td>GetChecksum</td>
<td>1</td>
<td>GetChecksum</td>
</tr>
<tr>
<td>GetTempFileName</td>
<td>2</td>
<td>GetTempFileName</td>
</tr>
<tr>
<td>Move</td>
<td>3</td>
<td>Move</td>
</tr>
<tr>
<td>RemoveAttributes</td>
<td>4</td>
<td>RemoveAttributes</td>
</tr>
<tr>
<td>SetAttributes</td>
<td>5</td>
<td>SetAttributes</td>
</tr>
<tr>
<td>Replace</td>
<td>6</td>
<td>Replace</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.FileSystem Namespace

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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:** TfsBuildExtensions.Activities.FileSystem

**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.FileSystem.RoboCopy
See Also

RoboCopy Members
TfsBuildExtensions.Activities.FileSystem Namespace

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RoboCopy</td>
<td></td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>Destination</strong></td>
<td>Destination Dir (drive:\path or \server\share\path).</td>
</tr>
<tr>
<td><strong>Files</strong></td>
<td>File(s) to copy (names/wildcards: default is &quot;*. *&quot;).</td>
</tr>
<tr>
<td><strong>LogToBuild</strong></td>
<td>Set to true to log output to the build progress screen. Default is false</td>
</tr>
<tr>
<td><strong>Options</strong></td>
<td>Type 'robocopy.exe /?' at the command prompt for all available options</td>
</tr>
<tr>
<td><strong>ReturnCode</strong></td>
<td>Gets the Return Code from RoboCopy</td>
</tr>
<tr>
<td><strong>Source</strong></td>
<td>Source Directory (drive:\path or \server\share\path).</td>
</tr>
</tbody>
</table>
See Also

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

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RoboCopy Constructor

Namespace: TfsBuildExtensions.Activities.FileSystem
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace
The **RoboCopy** type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>Destination</strong></td>
<td>Destination Dir (drive:\path or \server\share\path).</td>
</tr>
<tr>
<td><strong>Files</strong></td>
<td>File(s) to copy (names/wildcards: default is &quot;*. *&quot;).</td>
</tr>
<tr>
<td><strong>LogToBuild</strong></td>
<td>Set to true to log output to the build progress screen. Default is false</td>
</tr>
<tr>
<td><strong>Options</strong></td>
<td>Type 'robocopy.exe /?' at the command prompt for all available options</td>
</tr>
<tr>
<td><strong>ReturnCode</strong></td>
<td>Gets the Return Code from RoboCopy</td>
</tr>
<tr>
<td><strong>Source</strong></td>
<td>Source Directory (drive:\path or \server\share\path).</td>
</tr>
</tbody>
</table>
See Also

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

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RoboCopy.Action Property

Specifies the action to perform

Namespace: TfsBuildExtensions.Activities.FileSystem
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace
Destination Dir (drive:`\path` or `\server\share\path`).

**Namespace:** [TfsBuildExtensions.Activities.FileSystem](#)

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

**Version:** 1.0.0 (1.0.0.6)
See Also

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

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RoboCopy.Files Property

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

**Namespace:** TfsBuildExtensions.Activities.FileSystem

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

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RoboCopy.LogToBuild Property

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

Namespace: TfsBuildExtensions.Activities.FileSystem
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Type 'robocopy.exe /?' at the command prompt for all available options

**Namespace**: TfsBuildExtensions.Activities.FileSystem  
**Assembly**: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version**: 1.0.0.0 (1.0.0.6)
See Also

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

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RoboCopy.ReturnCode Property

Namespace: TfsBuildExtensions.Activities.FileSystem
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)

Gets the Return Code from RoboCopy
See Also

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace

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

**Namespace:** TfsBuildExtensions.Activities.FileSystem

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

RoboCopy Class
TfsBuildExtensions.Activities.FileSystem Namespace
RoboCopyAction

**Namespace:** [TfsBuildExtensions.Activities.FileSystem](#)

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

**Version:** 1.0.0 (1.0.0.6)
### Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copy</td>
<td>0</td>
<td>Copy</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.FileSystem Namespace

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## Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>📌 AssemblyInfo</td>
<td>Updates content of AssemblyInfo files.</td>
</tr>
<tr>
<td>⌚️ DateTime</td>
<td><strong>Valid Action values are:</strong></td>
</tr>
<tr>
<td></td>
<td><em>AddDays</em> - <strong>Required:</strong> Format, Value</td>
</tr>
<tr>
<td></td>
<td><strong>Optional:</strong> Start <strong>Output:</strong> Result</td>
</tr>
<tr>
<td></td>
<td><em>AddHours</em> - <strong>Required:</strong> Format, Value</td>
</tr>
<tr>
<td></td>
<td><strong>Optional:</strong> Start <strong>Output:</strong> Result</td>
</tr>
<tr>
<td></td>
<td><em>AddMilliseconds</em> - <strong>Required:</strong> Format, Value</td>
</tr>
<tr>
<td></td>
<td><strong>Optional:</strong> Start <strong>Output:</strong> Result</td>
</tr>
<tr>
<td></td>
<td><em>AddMinutes</em> - <strong>Required:</strong> Format, Value</td>
</tr>
<tr>
<td></td>
<td><strong>Optional:</strong> Start <strong>Output:</strong> Result</td>
</tr>
<tr>
<td></td>
<td><em>AddMonths</em> - <strong>Required:</strong> Format, Value</td>
</tr>
<tr>
<td></td>
<td><strong>Optional:</strong> Start <strong>Output:</strong> Result</td>
</tr>
<tr>
<td></td>
<td><em>AddSeconds</em> - <strong>Required:</strong> Format, Value</td>
</tr>
<tr>
<td></td>
<td><strong>Optional:</strong> Start <strong>Output:</strong> Result</td>
</tr>
<tr>
<td></td>
<td><em>AddTicks</em> - <strong>Required:</strong> Format, Value</td>
</tr>
<tr>
<td></td>
<td><strong>Optional:</strong> Start <strong>Output:</strong> Result</td>
</tr>
<tr>
<td></td>
<td><em>AddYears</em> - <strong>Required:</strong> Format, Value</td>
</tr>
<tr>
<td></td>
<td><strong>Optional:</strong> Start <strong>Output:</strong> Result</td>
</tr>
<tr>
<td></td>
<td><em>CheckBetween</em> - <strong>Required:</strong> Start, End</td>
</tr>
<tr>
<td></td>
<td><strong>Optional:</strong> UseUtc <strong>Output:</strong> BoolResult</td>
</tr>
<tr>
<td></td>
<td><em>CheckLater</em> - <strong>Required:</strong> Start <strong>Optional:</strong></td>
</tr>
<tr>
<td></td>
<td>UseUtc <strong>Output:</strong> BoolResult</td>
</tr>
<tr>
<td></td>
<td><em>Get</em> - <strong>Required:</strong> Format <strong>Optional:</strong></td>
</tr>
<tr>
<td></td>
<td>UseUtc <strong>Output:</strong> Result</td>
</tr>
<tr>
<td></td>
<td><em>GetElapsedTime</em> - <strong>Required:</strong> Format, Start</td>
</tr>
<tr>
<td></td>
<td><strong>Optional:</strong> End, UseUtc <strong>Output:</strong> Result</td>
</tr>
<tr>
<td>🦃 Guid</td>
<td><strong>Valid Action values are:</strong></td>
</tr>
<tr>
<td></td>
<td><em>Create</em> - <strong>Output:</strong> GuidString,</td>
</tr>
<tr>
<td>FormattedGuidString</td>
<td></td>
</tr>
<tr>
<td>---------------------</td>
<td></td>
</tr>
<tr>
<td><em>CreateCrypto</em> - <strong>Output</strong>: GuidString, FormattedGuidString</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ILMerge</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Valid Action values are:</strong></td>
</tr>
<tr>
<td><em>Merge</em></td>
</tr>
</tbody>
</table>
## Enumerations

<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DateAndTimeAction</td>
<td>DateAndTimeAction</td>
</tr>
<tr>
<td>GuidAction</td>
<td>GuidAction</td>
</tr>
<tr>
<td>ILMergeAction</td>
<td>ILMergeAction</td>
</tr>
<tr>
<td>TargetKind</td>
<td>TargetKind</td>
</tr>
</tbody>
</table>

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Updates content of AssemblyInfo files.

**Namespace:** [TfsBuildExtensions.Activities.Framework](#)  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
Remarks

The **Files** 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):

<table>
<thead>
<tr>
<th>Token</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$(current)</td>
<td>Uses the current value.</td>
</tr>
<tr>
<td>$(increment)</td>
<td>Increments the current value.</td>
</tr>
<tr>
<td>$(date:&lt;format&gt;)</td>
<td>Uses the current date formatted with the specified &lt;format&gt;.</td>
</tr>
<tr>
<td>$(version)</td>
<td>The updated AssemblyVersion value.</td>
</tr>
<tr>
<td>$(fileversion)</td>
<td>The updated AssemblyFileVersion value.</td>
</tr>
</tbody>
</table>
Examples

XML

```xml
<Sequence DisplayName="TFSBuildExtensions AssemblyInfo"
  <Sequence.Variables>
    <Variable x:TypeArguments="s:String[]" Name="AssemblyInfoFiles"
  </Sequence.Variables>
  <taf:AssemblyInfo FailBuildOnError="{x:Null}" Ignore="false"/>
</Sequence>
```
Inheritance Hierarchy

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

- AssemblyInfo Members
- TfsBuildExtensions.Activities.Framework Namespace

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The *AssemblyInfo* type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AssemblyInfo</td>
<td></td>
</tr>
</tbody>
</table>
## Properties

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

assembly informational version.
See Also

AssemblyInfo Class
TfsBuildExtensions.Activities.Framework Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

- AssemblyInfo Class
- TfsBuildExtensions.Activities.Framework Namespace
The `AssemblyInfo` type exposes the following members.
## Properties

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

- AssemblyInfo Class
- TfsBuildExtensions.Activities.Framework Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Sets the company name.

**Namespace:** TfsBuildExtensions.Activities.Framework  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.

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

- $(version)
- $(fileversion)
- $(date:<format>)
See Also

- **AssemblyInfo Class**
- **TfsBuildExtensions.Activities.Framework Namespace**

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Sets the assembly configuration.

**Namespace:** [TfsBuildExtensions.Activities.Framework](#)  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.

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

- $(version)
- $(fileversion)
- $(date:<format> apprent
See Also

AssembleInfo Class
TfsBuildExtensions.Activities.Framework Namespace
Sets the assembly copyright.

**Namespace:** TfsBuildExtensions.Activities.Framework  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.

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

- $(version)
- $(fileversion)
- $(date:<format>)
See Also

AssemblyInfo Class

TfsBuildExtensions.Activities.Framework Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Sets the assembly culture.

**Namespace:** TfsBuildExtensions.Activities.Framework  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.
See Also

- AssemblyInfo Class
- TfsBuildExtensions.Activities.Framework Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Set to `true` to mark the assembly for delay signing.

**Namespace:** [TfsBuildExtensions.Activities.Framework](#)
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
**Version:** 1.0.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.
See Also

AssemblyInfo Class
TfsBuildExtensions.Activities.Framework Namespace

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Sets the assembly description.

**Namespace:** [TfsBuildExtensions.Activities.Framework](#)

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

**Version:** 1.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.

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

- $(version)
- $(fileversion)
- $(date:<format>)
### See Also

- AssemblyInfo Class
- TfsBuildExtensions.Activities.Framework Namespace

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Sets the assembly file version.

**Namespace:** TfsBuildExtensions.Activities.Framework  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.

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

- $(current)
- $(increment)
- $(date:<format>)
See Also

AssemblyInfo Class
TfsBuildExtensions.Activities.Framework Namespace
Sets the assembly informational version.

Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.

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

- $(version)
- $(fileversion)
- $(date:<format>)}
See Also

- AssemblyInfo Class
- TfsBuildExtensions.Activities.Framework Namespace

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Sets the key file to use to sign the assembly.

**Namespace:** TfsBuildExtensions.Activities.Framework  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.
See Also

AssemblyInfo Class
TfsBuildExtensions.Activities.Framework Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Sets the name of a key container within the CSP containing the key pair used to generate a strong name.

**Namespace:** TfsBuildExtensions.Activities.Framework  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.
See Also

AssemblyInfo Class
TfsBuildExtensions.Activities.Framework Namespace
AssemblyInfo.AssemblyProduct Property

Sets the assembly product.

**Namespace:** [TfsBuildExtensions.Activities.Framework](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.

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

- $(version)
- $(fileversion)
- $(date:<format>)
See Also

AssemblyInfo Class
TfsBuildExtensions.Activities.Framework Namespace

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Sets the assembly title.

**Namespace:** TfsBuildExtensions.Activities.Framework

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

**Version:** 1.0.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.

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

- $(version)
- $(fileversion)
- $(date:<format>)
See Also

AssemblyInfo Class
TfsBuildExtensions.Activities.Framework Namespace

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Sets the assembly trademark.

**Namespace:** [TfsBuildExtensions.Activities.Framework](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.

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

- $(version)
- $(fileversion)
- $(date:<format>)
See Also

AssemblyInfo Class
TfsBuildExtensions.Activities.Framework Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Sets the assembly version.

**Namespace:** TfsBuildExtensions.Activities.Framework

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

Version: 1.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.

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

- $(current)
- $(increment)
- $(date:<format>)
See Also

- AssemblyInfo Class
- TfsBuildExtensions.Activities.Framework Namespace

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AssemblyInfo.CLSCompliant Property

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

**Namespace:** TfsBuildExtensions.Activities.Framework

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

**Version:** 1.0.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.
See Also

AssemblyInfo Class
TfsBuildExtensions.Activities.Framework Namespace

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AssemblyInfo.ComVisible Property

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

**Namespace:** TfsBuildExtensions.Activities.Framework  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.
See Also

AssemblyInfo Class
TfsBuildExtensions.Activities.Framework Namespace

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AssemblyInfo.Files Property

Sets the AssemblyInfo files to update.

**Namespace:** [TfsBuildExtensions.Activities.Framework](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
Remarks

This property is required.
See Also

- [AssemblyInfo Class](#)
- [TfsBuildExtensions.Activities.Framework Namespace](#)

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AssemblyInfo.Guid Property

Sets the assembly GUID.

Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
Remarks

Setting the value to null will disable updating this attribute.
See Also

AssemblyInfo Class
TfsBuildExtensions.Activities.Framework Namespace

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AssemblyInfo.MaxAssemblyFileVersion Property

Gets the max updated assembly file version.

**Namespace:** TfsBuildExtensions.Activities.Framework

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

AssemblyInfo Class
TfsBuildExtensions.Activities.Framework Namespace

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Gets the max updated assembly informational version.

**Namespace:** [TfsBuildExtensions.Activities.Framework](https://example.com)

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

**Version:** 1.0.0 (1.0.0.6)
See Also

AssemblyInfo Class
TfsBuildExtensions.Activities.Framework Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
AssemblyInfo.MaxAssemblyVersion Property

Gets the max updated assembly version.

Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

AssemblyInfo Class
TfsBuildExtensions.Activities.Framework Namespace

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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:** [TfsBuildExtensions.Activities.Framework](#)

**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.Framework.DateAndTime`
See Also

DateTime Members
TfsBuildExtensions.Activities.Framework Namespace
The **DateTime** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DateAndTime</td>
<td></td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action</td>
<td>Specifies the action to perform. Default is Get.</td>
</tr>
<tr>
<td>BoolResult</td>
<td>The output boolean result.</td>
</tr>
<tr>
<td>End</td>
<td>The end time to use for GetElapsed. Default is DateTime.Now</td>
</tr>
<tr>
<td>Format</td>
<td>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</td>
</tr>
<tr>
<td>Result</td>
<td>The output Result</td>
</tr>
<tr>
<td>Start</td>
<td>The start time to use</td>
</tr>
<tr>
<td>UseUtc</td>
<td>Set to true to use UTC Date / Time for the Action. Default is false.</td>
</tr>
<tr>
<td>Value</td>
<td>The Value to use in calculations</td>
</tr>
</tbody>
</table>
See Also

DateTime Class
TfsBuildExtensions.ActivitiesFramework Namespace

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DateAndTime Constructor

Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

DateTime Class
TfsBuildExtensions.Activities.Framework Namespace

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The `DateTime` type exposes the following members.
# Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action</td>
<td>Specifies the action to perform. Default is Get.</td>
</tr>
<tr>
<td>BoolResult</td>
<td>The output boolean result.</td>
</tr>
<tr>
<td>End</td>
<td>The end time to use for GetElapsed. Default is DateTime.Now</td>
</tr>
<tr>
<td>Format</td>
<td>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</td>
</tr>
<tr>
<td>Result</td>
<td>The output Result</td>
</tr>
<tr>
<td>Start</td>
<td>The start time to use</td>
</tr>
<tr>
<td>UseUtc</td>
<td>Set to true to use UTC Date / Time for the Action. Default is false.</td>
</tr>
<tr>
<td>Value</td>
<td>The Value to use in calculations</td>
</tr>
</tbody>
</table>
See Also

DateAndTime Class
TfsBuildExtensions.Activities.Framework Namespace

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DateAndTime.Action Property

Specifies the action to perform. Default is Get.

Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

DateTime Class
TfsBuildExtensions.Activities.Framework Namespace

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The output boolean result.

**Namespace:** TfsBuildExtensions.Activities.Framework

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

DateAndTime Class
TfsBuildExtensions.Activities.Framework Namespace
DateAndTime.End Property

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

Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

DateTime Class
TfsBuildExtensions.Activities.Framework Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
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:** [TfsBuildExtensions.Activities.Framework](link)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

DateTime Class

TfsBuildExtensions.Activities.Framework Namespace
The output Result

**Namespace:** [TfsBuildExtensions.Activities.Framework](#)

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

**Version:** 1.0.0 (1.0.0.6)
See Also

DateTime Class
TfsBuildExtensions.Activities.Framework Namespace
The start time to use

**Namespace:** TfsBuildExtensions.Activities.Framework  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

DateTime Class
TfsBuildExtensions.Activities.Framework Namespace
Set to true to use UTC Date / Time for the Action. Default is false.

**Namespace**: TfsBuildExtensions.Activities.Framework

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

**Version**: 1.0.0.0 (1.0.0.6)
See Also

DateAndTime Class
TfsBuildExtensions.Activities.Framework Namespace

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The Value to use in calculations

**Namespace:** TfsBuildExtensions.Activities.Framework  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

DateTime Class
TfsBuildExtensions.Activities.Framework Namespace

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DateAndTimeAction Enumeration

Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Get</td>
<td>0</td>
<td>Get</td>
</tr>
<tr>
<td>GetElapsed</td>
<td>1</td>
<td>GetElapsed</td>
</tr>
<tr>
<td>CheckLater</td>
<td>2</td>
<td>CheckLater</td>
</tr>
<tr>
<td>CheckBetween</td>
<td>3</td>
<td>CheckBetween</td>
</tr>
<tr>
<td>AddDays</td>
<td>4</td>
<td>AddDays</td>
</tr>
<tr>
<td>AddHours</td>
<td>5</td>
<td>AddHours</td>
</tr>
<tr>
<td>AddMilliseconds</td>
<td>6</td>
<td>AddMilliseconds</td>
</tr>
<tr>
<td>AddMinutes</td>
<td>7</td>
<td>AddMinutes</td>
</tr>
<tr>
<td>AddMonths</td>
<td>8</td>
<td>AddMonths</td>
</tr>
<tr>
<td>AddSeconds</td>
<td>9</td>
<td>AddSeconds</td>
</tr>
<tr>
<td>AddTicks</td>
<td>10</td>
<td>AddTicks</td>
</tr>
<tr>
<td>AddYears</td>
<td>11</td>
<td>AddYears</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.Framework Namespace

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Valid Action values are:

*Create* - **Output**: GuidString, FormattedGuidString

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

**Namespace**: TfsBuildExtensions.Activities.Framework

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

**Version**: 1.0.0.0 (1.0.0.6)
Examples

XML

```xml
<Sequence DisplayName="TFSBuildExtensions Guid Sequence"
<Sequence.Variables>
  <Variable x:TypeArguments="x:String" Name="MyGuid"
  <Variable x:TypeArguments="x:String" Name="MyFormattedGuid"
</Sequence.Variables>
<taf:Guid FailBuildOnError="{x:Null}" LogExceptionStack
<mtbwa:WriteBuildMessage DisplayName="Write Guid Result"
</Sequence>
```
Inheritance Hierarchy

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

Guid Members
TfsBuildExtensions.Activities.Framework Namespace

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The `Guid` type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guid</td>
<td></td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action</td>
<td>Specifies the action to perform. Default is Create.</td>
</tr>
</tbody>
</table>
See Also

Guid Class
TfsBuildExtensions.Activities.Framework Namespace

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Guid Constructor

Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

Guid Class
TfsBuildExtensions.Activities.Framework Namespace

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The `Guid` type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform. Default is Create.</td>
</tr>
<tr>
<td><strong>FormattedGuidString</strong></td>
<td>The Formatted Guid result: 32 digits separated by hyphens: xxxxxxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx-xxxx</td>
</tr>
<tr>
<td><strong>GuidString</strong></td>
<td>The Guid result: 32 digits: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx</td>
</tr>
</tbody>
</table>
## See Also

Guid Class

TfsBuildExtensions.Activities.Framework Namespace

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Guid.Action Property

Specifies the action to perform. Default is Create.

Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

Guid Class
TfsBuildExtensions.Activities.Framework Namespace

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The Formatted Guid result: 32 digits separated by hyphens: xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

**Namespace:** TfsBuildExtensions.Activities.Framework  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

Guid Class
TfsBuildExtensions.Activities.Framework Namespace

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Guid.GuidString Property

The Guid result: 32 digits: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

Guid Class
TfsBuildExtensions.Activities.Framework Namespace

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GuidAction Enumeration

GuidAction

**Namespace:** [TfsBuildExtensions.Activities.Framework](#)
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
**Version:** 1.0.0.0 (1.0.0.6)
Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create</td>
<td>0</td>
<td>Send</td>
</tr>
<tr>
<td>CreateCrypto</td>
<td>1</td>
<td>CreateCrypto</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.Framework Namespace
ILMerge Class

Valid Action values are:

Merge

Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.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.Framework.ILMerge
See Also

ILMerge Members
TfsBuildExtensions.Activities.Framework Namespace

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The **ILMerge** type exposes the following members.
### Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ILMerge</td>
<td></td>
</tr>
</tbody>
</table>
# Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>AllowDuplicateTypes</strong></td>
<td>Allows the user to either allow all 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.</td>
</tr>
<tr>
<td><strong>AllowMultipleAssemblyLevelAttributes</strong></td>
<td>If set, any assembly-level attribute names that have the same type and are 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</td>
</tr>
<tr>
<td><strong>AllowZeroPeKind</strong></td>
<td>When this is set before calling Merge, then if an assembly's PeKind flag (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 non-IL features, then they will not be copied over into the target assembly correctly. So please use this option with caution.</td>
</tr>
</tbody>
</table>
**AttributeFile**

If this is set before calling Merge, it specifies the path and filename to an attribute assembly, an assembly that will be used to get all of the assembly 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

**Closed**

When this is set before calling Merge, then the "transitive closure" of the 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 has such a reference.

Command line option: /closed
Default: false

**CopyAttributes**

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 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

---

**DebugInfo**

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

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

Command line option: /ndebug
Default: true

---

**DelaySign**

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

---
Command line option: /delaysign
Default: null

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 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 System.Text.RegularExpressions namespace.

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 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

<table>
<thead>
<tr>
<th><strong>ExitCode</strong></th>
<th>Gets the ExitCode of ILMerge</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FileAlignment</strong></td>
<td>This controls the file alignment used for the target assembly. The setter sets the value to the largest power of two no larger than the supplied argument, which is at least 512. Command line option: /align:n  Default: 512</td>
</tr>
<tr>
<td><strong>InputAssemblies</strong></td>
<td>Sets the input assemblies to merge</td>
</tr>
<tr>
<td><strong>Internalize</strong></td>
<td>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]</td>
</tr>
<tr>
<td>Property</td>
<td>Default</td>
</tr>
<tr>
<td>--------------</td>
<td>------------------</td>
</tr>
<tr>
<td><strong>KeyFile</strong></td>
<td>Default: false</td>
</tr>
<tr>
<td><strong>LogFile</strong></td>
<td>Default: null</td>
</tr>
<tr>
<td><strong>LogMessages</strong></td>
<td>Default: false</td>
</tr>
<tr>
<td><strong>OutputFile</strong></td>
<td>Default: null</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>OutputText</strong></td>
<td>Gets any OutputText emitted by ILMerge</td>
</tr>
<tr>
<td><strong>PublicKeyTokens</strong></td>
<td>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).</td>
</tr>
<tr>
<td><strong>StrongNameLost</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>TargetKind</strong></td>
<td>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 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}</td>
</tr>
<tr>
<td>Method</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>TargetPlatformDirectory</strong></td>
<td>This method sets the .NET Framework for the target assembly to be the one specified by platform. Valid strings for the first argument are &quot;v1&quot;, &quot;v1.1&quot;, &quot;v2&quot;, and &quot;v4&quot;. The &quot;v&quot; is case insensitive and is also optional. This way ILMerge can &quot;cross-compile&quot;, i.e., it can run in one version of the framework and generate the target assembly so it will run in 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</td>
</tr>
<tr>
<td><strong>TargetPlatformVersion</strong></td>
<td>This method sets the .NET Framework for the target assembly to be the one specified by platform. Valid strings for the first argument are &quot;v1&quot;, &quot;v1.1&quot;, &quot;v2&quot;, and &quot;v4&quot;. The &quot;v&quot; is case insensitive and is also optional. This way ILMerge can &quot;cross-compile&quot;, i.e., it can run in one version of the framework and generate the target assembly so it will run in 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</td>
</tr>
<tr>
<td><strong>UnionMerge</strong></td>
<td>When this is true, then types with the same name are all merged into a single type.</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Type</strong></td>
<td>The 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</td>
</tr>
<tr>
<td><strong>Version</strong></td>
<td>When this has a non-null value, the target assembly will be given its version number as specified. When specified on the command line, the version is read in as a string and should look like &quot;6.2.1.3&quot; (but without the quote marks). The version must be a valid assembly version as defined by the attribute AssemblyVersion in the System.Reflection namespace. Command line option: /ver:version Default: null</td>
</tr>
<tr>
<td><strong>XmlDocs</strong></td>
<td>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</td>
</tr>
</tbody>
</table>
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

- ILMerge Class
- TfsBuildExtensions.Activities.Framework Namespace

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The **ILMerge** type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>AllowDuplicateTypes</strong></td>
<td>Allows the user to either allow all types to be renamed when they are duplicates, or to specify it for arbitrary type names.</td>
</tr>
<tr>
<td>Command line option:</td>
<td>/allowDup[:typeName]</td>
</tr>
<tr>
<td>Default:</td>
<td>no duplicates of public types allowed.</td>
</tr>
<tr>
<td><strong>AllowMultipleAssemblyLevelAttributes</strong></td>
<td>If set, any assembly-level attribute 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.</td>
</tr>
<tr>
<td>Command line option:</td>
<td>/allowMultiple</td>
</tr>
<tr>
<td>Default:</td>
<td>false</td>
</tr>
<tr>
<td><strong>AllowZeroPeKind</strong></td>
<td>When this is set before calling Merge, then if an assembly's PeKind flag (the value of the field listed as .corflags in the Manifest) is zero it will be treated as if it was ILonly.</td>
</tr>
<tr>
<td></td>
<td>This can be used to allow C++ assemblies to be merged; it does not appear that the C++ compiler writes PeKind value as ILonly.</td>
</tr>
<tr>
<td></td>
<td>However, if such an assembly has non-IL features, then they will probably not be copied over into the target assembly correctly.</td>
</tr>
<tr>
<td></td>
<td>So please use this option with caution.</td>
</tr>
<tr>
<td>Attribute</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>AttributeFile</strong></td>
<td>If this is set before calling Merge, it specifies the path and filename to an attribute assembly, an assembly that will be used to get all of the assembly 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.</td>
</tr>
<tr>
<td><strong>Closed</strong></td>
<td>When this is set before calling Merge, then the &quot;transitive closure&quot; 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.</td>
</tr>
<tr>
<td><strong>CopyAttributes</strong></td>
<td>When this is set before calling Merge, then the Win32 Resources from the primary assembly are copied over into the target assembly.</td>
</tr>
</tbody>
</table>
then the assembly level attributes of the 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 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

**DebugInfo**

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

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

Command line option: /ndebug
Default: true

**DelaySign**

When this is set before calling Merge, then the target assembly will be delayed signed. This can be set only in conjunction with the /keyfile option.
ExcludeFile

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 System.Text.RegularExpressions namespace.

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 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

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ExitCode</td>
<td>Gets the ExitCode of ILMerge</td>
</tr>
<tr>
<td>FileAlignment</td>
<td>This controls the file alignment used for the target assembly. The setter sets the value to the largest power of two no larger than the supplied argument, which is at least 512.</td>
</tr>
<tr>
<td>InputAssemblies</td>
<td>Sets the input assemblies to merge</td>
</tr>
<tr>
<td>Internalize</td>
<td>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.</td>
</tr>
</tbody>
</table>

Command line option: /internalize[:excludeFile]
<table>
<thead>
<tr>
<th>Property</th>
<th>Default</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>KeyFile</strong></td>
<td>false</td>
<td>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</td>
</tr>
<tr>
<td><strong>LogFile</strong></td>
<td>null</td>
<td>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. Command line option: /log[:logfile]</td>
</tr>
<tr>
<td><strong>LogMessages</strong></td>
<td>false</td>
<td>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. To specify this behavior on the command line, the option &quot;/log&quot; can be given without a log file. Command line option: /log[:logfile]</td>
</tr>
<tr>
<td><strong>OutputFile</strong></td>
<td>null</td>
<td>This must be set before calling Merge. It specifies the path and filename that the target assembly will be written to.</td>
</tr>
</tbody>
</table>
Command line option: `/out:filename`
Default: null

**OutputText**
Gets any OutputText emitted by ILMerge

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

Command line option: `/out:filename`
Default: true

**StrongNameLost**
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.

**TargetKind**
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 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
<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TargetPlatformDirectory</td>
<td>This method sets the .NET Framework for the target assembly to be the one specified by platform. Valid strings for the first argument are &quot;v1&quot;, &quot;v1.1&quot;, &quot;v2&quot;, and &quot;v4&quot;. The &quot;v&quot; is case insensitive and is also optional. This way ILMerge can be used to &quot;cross-compile&quot;, i.e., it can run in one version of the framework and generate the target assembly so it will run in 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</td>
</tr>
<tr>
<td>TargetPlatformVersion</td>
<td>This method sets the .NET Framework for the target assembly to be the one specified by platform. Valid strings for the first argument are &quot;v1&quot;, &quot;v1.1&quot;, &quot;v2&quot;, and &quot;v4&quot;. The &quot;v&quot; is case insensitive and is also optional. This way ILMerge can be used to &quot;cross-compile&quot;, i.e., it can run in one version of the framework and generate the target assembly so it will run in 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</td>
</tr>
<tr>
<td>UnionMerge</td>
<td>When this is true, then types with the same name are all merged into a single type.</td>
</tr>
<tr>
<td><strong>Type</strong></td>
<td><strong>Description</strong></td>
</tr>
<tr>
<td>----------</td>
<td>-----------------</td>
</tr>
<tr>
<td><strong>Union</strong></td>
<td>The single type is the union of all of the input 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.</td>
</tr>
<tr>
<td><strong>Version</strong></td>
<td>When this has a non-null value, the target assembly will be given its version number as the version of the assembly. When specified on the command line, the version is read in as a string and should look like &quot;6.2.1.3&quot; (but without the quotes). The version must be a valid assembly version as defined by the attribute AssemblyVersion in the System.Reflection namespace.</td>
</tr>
<tr>
<td><strong>XmlDocs</strong></td>
<td>This property controls whether XML documentation files are merged to produce an XML documentation file for the target assembly.</td>
</tr>
</tbody>
</table>
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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Specifies the action to perform

**Namespace:** TfsBuildExtensions.Activities.Framework  
**Assembly:** TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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ILMerge.AllowDuplicateTypes Property

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: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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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: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace
ILMerge.AllowZeroPeKind Property

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: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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If this is set before calling Merge, then it specifies the path and filename to an attribute 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:** TfsBuildExtensions.Activities.Framework

**Assembly:** TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace
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:** TfsBuildExtensions.Activities.Framework

**Assembly:** TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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ILMerge.CopyToAttributes Property

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: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace
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: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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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: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace
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:** TfsBuildExtensions.Activities.Framework

**Assembly:** TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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Gets the ExitCode of ILMerge

**Namespace:**  [TfsBuildExtensions.Activities.Framework](#)

**Assembly:** TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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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: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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Sets the input assemblies to merge.

**Namespace:** TfsBuildExtensions.Activities.Framework  
**Assembly:** TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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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:** TfsBuildExtensions.Activities.Framework

**Assembly:** TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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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:** TfsBuildExtensions.Activities.Framework

**Assembly:** TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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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:** TfsBuildExtensions.Activities.Framework  
**Assembly:** TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace
ILMerge.LogMessages Property

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: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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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: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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ILMerge.OutputText Property

Gets any OutputText emitted by ILMerge

Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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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: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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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:** TfsBuildExtensions.Activities.Framework  
**Assembly:** TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

- ILMerge Class
- TfsBuildExtensions.Activities.Framework Namespace

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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:** TfsBuildExtensions.Activities.Framework

**Assembly:** TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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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:** TfsBuildExtensions.Activities.Framework

**Assembly:** TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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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:** [TfsBuildExtensions.Activities.Framework](#)

**Assembly:** TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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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:** TfsBuildExtensions.Activities.Framework  
**Assembly:** TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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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 AssemblyVersion in the System.Reflection namespace.

Command line option: /ver:version

Default: null

Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace

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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:** [TfsBuildExtensions.Activities.Framework](#)

**Assembly:** TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

ILMerge Class
TfsBuildExtensions.Activities.Framework Namespace
ILMergeAction

Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
# Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Merge</td>
<td>0</td>
<td>Merge</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.Framework Namespace

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TargetKind Enumeration

Namespace: TfsBuildExtensions.Activities.Framework
Assembly: TfsBuildExtensions.Activities.ILMerge (in TfsBuildExtensions.Activities.ILMerge.dll) Version: 1.0.0.0 (1.0.0.6)
### Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dll</td>
<td>0</td>
<td>Dll</td>
</tr>
<tr>
<td>Exe</td>
<td>1</td>
<td>Exe</td>
</tr>
<tr>
<td>SameAsPrimaryAssembly</td>
<td>2</td>
<td>SameAsPrimaryAssembly</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.Framework Namespace

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### Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌱</td>
<td>Wmi</td>
</tr>
</tbody>
</table>

Valid Action values are:

*Execute* (**Required**: Class, Namespace, Method **Optional**: Instance, MethodParameters **Output**: ReturnValue)

**Remote Execution Support**: Yes
## Enumerations

<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WmiAction</td>
<td>WmiAction</td>
</tr>
</tbody>
</table>

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Valid Action values are:

*Execute* (Required: Class, Namespace, Method Optional: Instance, MethodParameters Output: ReturnValue)

Remote Execution Support: Yes

Namespace: TfsBuildExtensions.Activities.Management
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
See Also

Wmi Members
TfsBuildExtensions.Activities.Management Namespace

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The **Wmi** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wmi</td>
<td></td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>Class</strong></td>
<td>Sets the WMI class.</td>
</tr>
<tr>
<td><strong>Instance</strong></td>
<td>Sets the Wmi Instance used in Execute</td>
</tr>
<tr>
<td><strong>Method</strong></td>
<td>Sets the Method used in Execute</td>
</tr>
<tr>
<td><strong>MethodParameters</strong></td>
<td>Sets the MethodParameters. Use <code>#~#</code> separate name and value.</td>
</tr>
<tr>
<td><strong>Namespace</strong></td>
<td>Sets the namespace.</td>
</tr>
<tr>
<td><strong>ReturnValue</strong></td>
<td>Gets the ReturnValue for Execute</td>
</tr>
</tbody>
</table>
See Also

Wmi Class
TfsBuildExtensions.Activities.Management Namespace
Wmi Constructor

Namespace: TfsBuildExtensions.Activities.Management
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

Wmi Class
TfsBuildExtensions.Activities.Management Namespace

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The **Wmi** type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action</td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td>Class</td>
<td>Sets the WMI class.</td>
</tr>
<tr>
<td>Instance</td>
<td>Sets the Wmi Instance used in Execute</td>
</tr>
<tr>
<td>Method</td>
<td>Sets the Method used in Execute</td>
</tr>
<tr>
<td>MethodParameters</td>
<td>Sets the MethodParameters. Use #~# separate name and value.</td>
</tr>
<tr>
<td>Namespace</td>
<td>Sets the namespace.</td>
</tr>
<tr>
<td>ReturnValue</td>
<td>Gets the ReturnValue for Execute</td>
</tr>
</tbody>
</table>
See Also

Wmi Class
TfsBuildExtensions.Activities.Management Namespace

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Specifications the action to perform

**Namespace:** TfsBuildExtensions.Activities.Management  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

Wmi Class
TfsBuildExtensions.Activities.Management Namespace
Wmi.Class Property

Sets the WMI class.

Namespace: TfsBuildExtensions.Activities.Management
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

- Wmi Class
- TfsBuildExtensions.Activities.Management Namespace

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Sets the Wmi Instance used in Execute

**Namespace:** TfsBuildExtensions.Activities.Management

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

**Version:** 1.0.0 (1.0.0.6)
See Also

- Wmi Class
- TfsBuildExtensions.Activities.Management Namespace

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Wmi.Method Property

Sets the Method used in Execute

Namespace: TfsBuildExtensions.Activities.Management
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

Wmi Class
TfsBuildExtensions.Activities.Management Namespace
Wmi.MethodParameters Property

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

Namespace: TfsBuildExtensions.Activities.Management
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

- Wmi Class
- TfsBuildExtensions.Activities.Management Namespace
Sets the namespace.

**Namespace:** [TfsBuildExtensions.Activities.Management](#)

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

**Version:** 1.0.0 (1.0.0.6)
See Also

Wmi Class
TfsBuildExtensions.Activities.Management Namespace

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Wmi.ReturnValue Property

Gets theReturnValue for Execute

**Namespace:** TfsBuildExtensions.Activities.Management
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
**Version:** 1.0.0.0 (1.0.0.6)
See Also

Wmi Class
TfsBuildExtensions.Activities.Management Namespace

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WmiAction

**Namespace:** TfsBuildExtensions.Activities.Management  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
## Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Execute</td>
<td>0</td>
<td>Execute</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.Management Namespace

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TFS Build Extensions Help (v1.0.0.6)

TfsBuildExtensions.Activities.Scripting Namespace

Send Feedback
### Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![InvokePowerShellCommand]</td>
<td>A command to invoke powershell scripts on a build agent</td>
</tr>
</tbody>
</table>

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InvokePowerShellCommand Class

A command to invoke powershell scripts on a build agent

**Namespace:** TfsBuildExtensions.Activities.Scripting

**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.ActivityWithResult
System.Activities.Activity(PSObject[])
System.Activities.CodeActivity(PSObject[])
TfsBuildExtensions.Activities.Scripting.InvokePowerShellCommand
See Also

InvokePowerShellCommand Members
TfsBuildExtensions.Activities.Scripting Namespace

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The **InvokePowerShellCommand** type exposes the following members.
### Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>InvokePowerShellCommand</td>
<td></td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>Gets or sets any arguments to be provided to the script</td>
</tr>
<tr>
<td>BuildWorkspace</td>
<td>Gets or sets the build workspace. This is used to obtain a powershell script from a source control path</td>
</tr>
<tr>
<td>Script</td>
<td>Gets or sets the powershell command script to execute.</td>
</tr>
</tbody>
</table>

**Field Value**

An arguments list for the command as a string
See Also

InvokePowerShellCommand Class
TfsBuildExtensions.Activities.Scripting Namespace

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Namespace: TfsBuildExtensions.Activities.Scripting
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

InvokePowerShellCommand Class
TfsBuildExtensions.Activities.Scripting Namespace
The **InvokePowerShellCommand** type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arguments</td>
<td>Gets or sets any arguments to be provided to the script</td>
</tr>
<tr>
<td><strong>Field Value</strong></td>
<td>An arguments list for the command as a string</td>
</tr>
<tr>
<td>BuildWorkspace</td>
<td>Gets or sets the build workspace. This is used to obtain a powershell script from a source control path</td>
</tr>
<tr>
<td>Script</td>
<td>Gets or sets the powershell command script to execute.</td>
</tr>
</tbody>
</table>
See Also

InvokePowerShellCommand Class
TfsBuildExtensions.Activities.Scripting Namespace
InvokePowerShellCommand Arguments Property

Gets or sets any arguments to be provided to the script

**Field Value**

An arguments list for the command as a string

**Namespace:** TfsBuildExtensions.Activities.Scripting

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

InvokePowerShellCommand Class
TfsBuildExtensions.Activities.Scripting Namespace

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

**Namespace:**  [TfsBuildExtensions.Activities.Scripting](#)

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

**Version:**  1.0.0.0 (1.0.0.6)


See Also

InvokePowerShellCommand Class
TfsBuildExtensions.Activities.Scripting Namespace

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InvokePowerShellCommand.Script Property

Gets or sets the powershell command script to execute.

**Namespace:** TfsBuildExtensions.Activities.Scripting

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

Version: 1.0.0.0 (1.0.0.6)
See Also

InvokePowerShellCommand Class
TfsBuildExtensions.Activities.Scripting Namespace

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### Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SqlExecute</td>
<td><strong>Valid Actions are:</strong></td>
</tr>
<tr>
<td></td>
<td><em>Execute (Required: ConnectionString, Sql or Files Optional: CommandTimeout, Parameters, Retry, UseTransaction)</em></td>
</tr>
<tr>
<td></td>
<td><em>ExecuteRawReader (Required: ConnectionString, Sql Optional: CommandTimeout, Parameters, Retry, UseTransaction Output: RawReaderResult)</em></td>
</tr>
<tr>
<td></td>
<td><em>ExecuteScalar (Required: ConnectionString, Sql Optional: CommandTimeout, Parameters, Retry, UseTransaction Output: ScalarResult)</em></td>
</tr>
<tr>
<td></td>
<td><strong>Remote Execution Support:</strong> NA</td>
</tr>
</tbody>
</table>
## Enumerations

<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SqlExecuteAction</td>
<td>SqlExecuteAction</td>
</tr>
</tbody>
</table>

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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: TfsBuildExtensions.Activities.SqlServer
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.SqlServer.SqlExecute
See Also

SqlExecute Members
TfsBuildExtensions.Activities.SqlServer Namespace

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The **SqlExecute** type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SqlExecute</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>CommandTimeout</strong></td>
<td>Sets the timeout in seconds. Default is 30</td>
</tr>
<tr>
<td><strong>ConnectionString</strong></td>
<td>Sets the connection string to use for executing the Sql or Files</td>
</tr>
<tr>
<td><strong>Files</strong></td>
<td>Sets the files to execute</td>
</tr>
<tr>
<td><strong>Parameters</strong></td>
<td>Sets the parameters to substitute at execution time</td>
</tr>
<tr>
<td><strong>RawReaderResult</strong></td>
<td>Gets the raw output from the reader</td>
</tr>
<tr>
<td><strong>Retry</strong></td>
<td>Specifies whether files should be reexecuted if they initially fail</td>
</tr>
<tr>
<td><strong>ScalarResult</strong></td>
<td>Gets the scalar result</td>
</tr>
<tr>
<td><strong>Sql</strong></td>
<td>Sets the Sql to execute</td>
</tr>
<tr>
<td><strong>UseTransaction</strong></td>
<td>Set to true to run the sql within a transaction</td>
</tr>
</tbody>
</table>
See Also

SqlExecute Class
TfsBuildExtensions.Activities.SqlServer Namespace

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Namespace: TfsBuildExtensions.Activities.SqlServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

SqlExecute Class
TfsBuildExtensions.Activities.SqlServer Namespace
The `SqlExecute` type exposes the following members.
### Properties

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

SqlExecute Class
TfsBuildExtensions.Activities.SqlServer Namespace

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Specifies the action to perform

**Namespace:** [TfsBuildExtensions.Activities.SqlServer](#)

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

**Version:** 1.0.0 (1.0.0.6)
See Also

SqlExecute Class
TfsBuildExtensions.Activities.SqlServer Namespace
Sets the timeout in seconds. Default is 30

**Namespace:** TfsBuildExtensions.Activities.SqlServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

SqlExecute Class
TfsBuildExtensions.Activities.SqlServer Namespace

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Sets the connection string to use for executing the Sql or Files

**Namespace:** [TfsBuildExtensions.Activities.SqlServer](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

SqlExecute Class
TfsBuildExtensions.Activities.SqlServer Namespace

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Sets the files to execute

**Namespace:** [TfsBuildExtensions.Activities.SqlServer](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

SqlExecute Class
TfsBuildExtensions.Activities.SqlServer Namespace

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Sets the parameters to substitute at execution time

**Namespace:** TfsBuildExtensions.Activities.SqlServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

SqlExecute Class
TfsBuildExtensions.Activities.SqlServer Namespace

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SqlExecute.RawReaderResult Property

Gets the raw output from the reader

**Namespace:** TfsBuildExtensions.Activities.SqlServer

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

SqlExecute Class
TfsBuildExtensions.Activities.SqlServer Namespace
SqlExecute.Retry Property

Specifies whether files should be re-executed if they initially fail

**Namespace:** TfsBuildExtensions.Activities.SqlServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

SqlExecute Class
TfsBuildExtensions.Activities.SqlServer Namespace

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SqlExecute<ScalarResult> Property

SqlExecute Class

See Also

Send Feedback

Gets the scalar result

**Namespace:** TfsBuildExtensions.Activities.SqlServer

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

SqlExecute Class
TfsBuildExtensions.Activities.SqlServer Namespace

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Sets the Sql to execute

**Namespace:** [TfsBuildExtensions.Activities.SqlServer](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

SqlExecute Class
TfsBuildExtensions.Activities.SqlServer Namespace

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Set to true to run the sql within a transaction

**Namespace:** TfsBuildExtensions.Activities.SqlServer

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

**Version:** 1.0.0 (1.0.0.6)
See Also

SqlExecute Class
TfsBuildExtensions.Activities.SqlServer Namespace

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SqlExecuteAction

**Namespace:** TfsBuildExtensions.Activities.SqlServer

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

**Version:** 1.0.0.0 (1.0.0.6)
### Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Execute</td>
<td>0</td>
<td>Execute</td>
</tr>
<tr>
<td>ExecuteScalar</td>
<td>1</td>
<td>Execute</td>
</tr>
<tr>
<td>ExecuteRawReader</td>
<td>2</td>
<td>Execute</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.SqlServer Namespace

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## Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BuildReport</strong></td>
<td><strong>Valid Action values are:</strong> Generate</td>
</tr>
<tr>
<td><strong>BuildWorkspace</strong></td>
<td>Modifies the workspace associated with a Team Foundation Build <strong>Valid Action values are:</strong></td>
</tr>
<tr>
<td></td>
<td>Add - <strong>Required:</strong> BuildDefinition, LocalItem, ServerItem</td>
</tr>
<tr>
<td></td>
<td>ClearAll - <strong>Required:</strong> BuildDefinition</td>
</tr>
<tr>
<td></td>
<td>Remove - <strong>Required:</strong> BuildDefinition, LocalItem or ServerItem</td>
</tr>
<tr>
<td><strong>GetBuildController</strong></td>
<td>Workflow activity that gets an <strong>IBuildController</strong> based on the Build Server and controller name provided.</td>
</tr>
<tr>
<td><strong>GetBuildDefinition</strong></td>
<td>Workflow activity that gets an <strong>IBuildDefinition</strong> based on the Build Server and build definition name provided.</td>
</tr>
<tr>
<td><strong>GetBuildServer</strong></td>
<td>Workflow activity that gets an <strong>IBuildServer</strong> based on the Team Foundation Server URL that is provided.</td>
</tr>
<tr>
<td><strong>GetWebAccessUrl</strong></td>
<td><strong>Valid Action values are:</strong></td>
</tr>
<tr>
<td></td>
<td>BuildDetails - <strong>Required:</strong> TeamProjectCollection, ItemId <strong>Output:</strong> Result</td>
</tr>
<tr>
<td></td>
<td>WorkItemEditor - <strong>Required:</strong> TeamProjectCollection, ItemUri <strong>Output:</strong> Result</td>
</tr>
<tr>
<td><strong>QueueBuild</strong></td>
<td>Workflow activity that queues a new build with the specified build definition and TFS Build Server.</td>
</tr>
<tr>
<td><strong>TFBaseCodeActivity</strong></td>
<td>Base class for TFS Activities that require a TeamProjectCollection</td>
</tr>
</tbody>
</table>
### TfsSource

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

### TfsVersion

TfsVersion

### WorkItemTracking

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

- **Reset** - 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
### Enumerations

<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BuildReportAction</td>
<td>BuildReportAction</td>
</tr>
<tr>
<td>BuildWorkspaceAction</td>
<td>BuildWorkspaceAction</td>
</tr>
<tr>
<td>GetWebAccessUrlAction</td>
<td>GuidAction</td>
</tr>
<tr>
<td>TfsAction</td>
<td>TF action to perform</td>
</tr>
<tr>
<td>TfsVersionAction</td>
<td>TfsVersionAction</td>
</tr>
<tr>
<td>TfsVersionVersionFormat</td>
<td>TfsVersionVersionFormat</td>
</tr>
<tr>
<td>WorkItemTrackingAction</td>
<td>WorkItemTrackingAction</td>
</tr>
</tbody>
</table>
BuildReport Class

Valid Action values are: Generate

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
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`
See Also

BuildReport Members
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The **BuildReport** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BuildReport</td>
<td></td>
</tr>
</tbody>
</table>
# Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>AssociatedChangesets</strong></td>
<td>Sets the changesets associated with the build</td>
</tr>
<tr>
<td><strong>Attachments</strong></td>
<td>An Item Collection of full paths of files to attach to the email.</td>
</tr>
<tr>
<td><strong>EmailReport</strong></td>
<td>Sets whether to email the report. Default is false</td>
</tr>
<tr>
<td><strong>EnableSsl</strong></td>
<td>Sets whether to EnableSsl</td>
</tr>
<tr>
<td><strong>FilePath</strong></td>
<td>Sets the Build Report file path. Defaults to the build DropLocation</td>
</tr>
<tr>
<td><strong>Format</strong></td>
<td>Sets the format of the email. Default is Text</td>
</tr>
<tr>
<td><strong>MailFrom</strong></td>
<td>The email address to send the email from.</td>
</tr>
<tr>
<td><strong>MailTo</strong></td>
<td>Sets the Item Collection of email address to send the email to.</td>
</tr>
<tr>
<td><strong>Port</strong></td>
<td>Sets the port to use. Ignored if not specified</td>
</tr>
<tr>
<td><strong>Priority</strong></td>
<td>The priority of the email. Default is Normal</td>
</tr>
<tr>
<td><strong>ReportFileName</strong></td>
<td>Sets the Build Report file name. Defaults to BuildReport.txt</td>
</tr>
<tr>
<td><strong>SkipFiles</strong></td>
<td>Sets whether to skip the reporting of all files in the DropLocation. Default is false;</td>
</tr>
<tr>
<td><strong>SmtpServer</strong></td>
<td>The SMTP server to use to send the email.</td>
</tr>
<tr>
<td><strong>Subject</strong></td>
<td>The subject of the email. Defaults to &quot;Build Report: BUILDNAME (BUILDNUMBER)&quot;</td>
</tr>
<tr>
<td><strong>UseDefaultCredentials</strong></td>
<td>Gets or sets a Boolean value that controls whether the DefaultCredentials are sent with requests. DefaultCredentials represents the system credentials for the</td>
</tr>
</tbody>
</table>
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.**

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>UserName</strong></td>
<td>Sets the UserName if SmtpClient requires credentials</td>
</tr>
<tr>
<td><strong>UserPassword</strong></td>
<td>Sets the UserPassword if SmtpClient requires credentials</td>
</tr>
<tr>
<td><strong>XslTransformFile</strong></td>
<td>Sets the Xsl File to transform the Xml report. An embedded Xsl file is used by default.</td>
</tr>
</tbody>
</table>
See Also

BuildReport Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

BuildReport Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The **BuildReport** type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>Action</strong></td>
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<td><strong>AssociatedChangesets</strong></td>
<td>Sets the changesets associated with the build</td>
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<td><strong>Attachments</strong></td>
<td>An Item Collection of full paths of files to attach to the email.</td>
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<tr>
<td><strong>EmailReport</strong></td>
<td>Sets whether to email the report. Default is false</td>
</tr>
<tr>
<td><strong>EnableSsl</strong></td>
<td>Sets whether to EnableSsl</td>
</tr>
<tr>
<td><strong>FilePath</strong></td>
<td>Sets the Build Report file path. Defaults to the build DropLocation</td>
</tr>
<tr>
<td><strong>Format</strong></td>
<td>Sets the format of the email. Default is Text</td>
</tr>
<tr>
<td><strong>MailFrom</strong></td>
<td>The email address to send the email from.</td>
</tr>
<tr>
<td><strong>MailTo</strong></td>
<td>Sets the Item Collection of email address to send the email to.</td>
</tr>
<tr>
<td><strong>Port</strong></td>
<td>Sets the port to use. Ignored if not specified.</td>
</tr>
<tr>
<td><strong>Priority</strong></td>
<td>The priority of the email. Default is Normal</td>
</tr>
<tr>
<td><strong>ReportFileName</strong></td>
<td>Sets the Build Report file name. Defaults to BuildReport.txt</td>
</tr>
<tr>
<td><strong>SkipFiles</strong></td>
<td>Sets whether to skip the reporting of all files in the DropLocation. Default is false;</td>
</tr>
<tr>
<td><strong>SmtpServer</strong></td>
<td>The SMTP server to use to send the email.</td>
</tr>
<tr>
<td><strong>Subject</strong></td>
<td>The subject of the email. Defaults to &quot;Build Report: BUILDNAME (BUILDNUMBER)&quot;</td>
</tr>
<tr>
<td><strong>UseDefaultCredentials</strong></td>
<td>Gets or sets a Boolean value that controls whether the DefaultCredentials are sent with requests. DefaultCredentials represents the system credentials for the</td>
</tr>
</tbody>
</table>
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.**

| **UserName** | Sets the UserName if SmtpClient requires credentials |
| **UserPassword** | Sets the UserPassword if SmtpClient requires credentials |
| **XslTransformFile** | Sets the Xsl File to transform the Xml report. An embedded Xsl file is used by default. |
See Also

BuildReport Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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BuildReport.Action Property

Specifies the action to perform

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

Version: 1.0.0.0 (1.0.0.6)
See Also

BuildReport Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Sets the changesets associated with the build

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](https://example.com)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

BuildReport Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
An Item Collection of full paths of files to attach to the email.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

**Version:** 1.0.0 (1.0.0.6)
See Also

BuildReport Class

TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Sets whether to email the report. Default is false

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

BuildReport Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Sets whether to EnableSsl

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](https://docs.microsoft.com/en-us/previous-versions/8377/ff5373a2(v=msdn-1.0))

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

- BuildReport Class
- TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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BuildReport.FilePath Property

Sets the Build Report file path. Defaults to the build DropLocation

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

BuildReport Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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BuildReport.Format Property

Sets the format of the email. Default is Text

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
- **See Also**
  
  BuildReport Class  
  TfsBuildExtensions.Activities.TeamFoundationServer Namespace  

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The email address to send the email from.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

BuildReport Class

TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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BuildReport.MailTo Property

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

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

BuildReport Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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BuildReport.Port Property

Sets the port to use. Ignored if not specified.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

- BuildReport Class
- TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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BuildReport.Priority Property

The priority of the email. Default is Normal

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

BuildReport Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
BuildReport.ReportFileName Property

Sets the Build Report file name. Defaults to BuildReport.txt

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

- BuildReport Class
- TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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BuildReport.SkipFiles Property

Sets whether to skip the reporting of all files in the DropLocation. Default is false;

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
**Version:** 1.0.0.0 (1.0.0.6)
See Also

BuildReport Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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BuildReport.SmtpServer Property

The SMTP server to use to send the email.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

BuildReport Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
The subject of the email. Defaults to "Build Report: BUILDNAME (BUILDNUMBER)"

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

BuildReport Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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BuildReport.UseDefaultCredentials Property

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: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

BuildReport Class  
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
BuildReport.UserName Property

Sets the UserName if SmtpClient requires credentials

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

BuildReport Class

TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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BuildReport.UserPassword Property

Sets the UserPassword if SmtpClient requires credentials

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

BuildReport Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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BuildReport.XslTransformFile Property

Sets the Xsl File to transform the Xml report. An embedded Xsl file is used by default.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

Version: 1.0.0.0 (1.0.0.6)
See Also

BuildReport Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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BuildReportAction

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

**Version:** 1.0.0.0 (1.0.0.6)
## Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generate</td>
<td>0</td>
<td>Generate</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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BuildWorkspace Class

Valid Action values are:

Add - **Required:** BuildDefinition, LocalItem, ServerItem

ClearAll - **Required:** BuildDefinition

Remove - **Required:** BuildDefinition, LocalItem or ServerItem

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer

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.TeamFoundationServer.BuildWorkspace`
See Also

BuildWorkspace Members
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
The **BuildWorkspace** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BuildWorkspace</td>
<td></td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform. Default is Add.</td>
</tr>
<tr>
<td><strong>BuildDefinition</strong></td>
<td>The build definition that will be modified by the activity.</td>
</tr>
<tr>
<td><strong>LocalItem</strong></td>
<td>Local path for the build definition workspace. Use $(SourceDir)\Path to use the build agent's default.</td>
</tr>
<tr>
<td><strong>ServerItem</strong></td>
<td>Server (source control) path that will be mapped to the workspace</td>
</tr>
</tbody>
</table>
See Also

- BuildWorkspace Class
- TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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TFS Build Extensions Help (v1.0.0.6)

BuildWorkspace Constructor

BuildWorkspace Class  See Also  Send Feedback

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

BuildWorkspace Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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BuildWorkspace Properties

See Also Send Feedback

The **BuildWorkspace** type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform. Default is Add.</td>
</tr>
<tr>
<td><strong>BuildDefinition</strong></td>
<td>The build definition that will be modified by the activity.</td>
</tr>
<tr>
<td><strong>LocalItem</strong></td>
<td>Local path for the build definition workspace. Use $(SourceDir)\Path] to use the build agent's default.</td>
</tr>
<tr>
<td><strong>ServerItem</strong></td>
<td>Server (source control) path that will be mapped to the workspace</td>
</tr>
</tbody>
</table>
See Also

BuildWorkspace Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Specifies the action to perform. Default is Add.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

BuildWorkspace Class

TfsBuildExtensions.Activities.TeamFoundationServer Namespace
The build definition that will be modified by the activity.

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

BuildWorkspace Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
Local path for the build definition workspace. Use $(SourceDir)[\Path] to use the build agent's default.

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

BuildWorkspace Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
Server (source control) path that will be mapped to the workspace

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

BuildWorkspace Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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BuildWorkspaceAction

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
### Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add</td>
<td>0</td>
<td>Add</td>
</tr>
<tr>
<td>Remove</td>
<td>1</td>
<td>Remove</td>
</tr>
<tr>
<td>Clear</td>
<td>2</td>
<td>Clear</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Workflow activity that gets an **IBuildController** based on the Build Server and controller name provided.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**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.ActivityWithResult`
- `System.Activities.Activity<IBuildController>`
- `System.Activities.CodeActivity<IBuildController>`
- `TfsBuildExtensions.Activities.TeamFoundationServer.GetBuildController`
See Also

GetBuildController Members
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The **GetBuildController** type exposes the following members.
### Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>⚠️ GetBuildController</td>
<td></td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BuildControllerName</strong></td>
<td>The build controller's name that exists on the TFS server.</td>
</tr>
<tr>
<td><strong>BuildServer</strong></td>
<td>The <code>IBuildServer</code> object for the Team Foundation Server and Team Project Collection to use that contains the build controller.</td>
</tr>
</tbody>
</table>
See Also

GetBuildController Class

TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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GetBuildController Constructor

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

GetBuildController Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
The `GetBuildController` type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BuildControllerName</td>
<td>The build controller's name that exists on the TFS server.</td>
</tr>
<tr>
<td>BuildServer</td>
<td>The <code>IBuildServer</code> object for the Team Foundation Server and Team Project Collection to use that contains the build controller.</td>
</tr>
</tbody>
</table>
See Also

GetBuildController Class

TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The build controller's name that exists on the TFS server.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

GetBuildController Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The **IBuildServer** object for the Team Foundation Server and Team Project Collection to use that contains the build controller.

**Namespace:**  [TfsBuildExtensions.Activities.TeamFoundationServer](#)

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

**Version:**  1.0.0.0 (1.0.0.6)
See Also

GetBuildController Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
Workflow activity that gets an **IBuildDefinition** based on the Build Server and build definition name provided.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**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.ActivityWithResult`
- `System.Activities.Activity<IBuildDefinition>`
- `System.Activities.CodeActivity<IBuildDefinition>`
- `TfsBuildExtensions.Activities.TeamFoundationServer.GetBuildDefinition`
See Also

GetBuildDefinition Members
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
The **GetBuildDefinition** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GetBuildDefinition</td>
<td></td>
</tr>
</tbody>
</table>


### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BuildDefinitionName</td>
<td>The name of the build definition to return.</td>
</tr>
<tr>
<td>BuildServer</td>
<td>The <strong>IBuildServer</strong> object for the Team Foundation Server and Team Project Collection to use that contains the build definition.</td>
</tr>
<tr>
<td>TeamProjectName</td>
<td>The name of the team project where the build definition exists.</td>
</tr>
</tbody>
</table>
See Also

GetBuildDefinition Class

TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

GetBuildDefinition Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The `GetBuildDefinition` type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BuildDefinitionName</td>
<td>The name of the build definition to return.</td>
</tr>
<tr>
<td>BuildServer</td>
<td>The <code>IBuildServer</code> object for the Team Foundation Server and Team Project Collection to use that contains the build definition.</td>
</tr>
<tr>
<td>TeamProjectName</td>
<td>The name of the team project where the build definition exists.</td>
</tr>
</tbody>
</table>
See Also

GetBuildDefinition Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The name of the build definition to return.

Namespace: **TfsBuildExtensions.Activities.TeamFoundationServer**  
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
Version: 1.0.0.0 (1.0.0.6)
See Also

GetBuildDefinition Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The **IBuildServer** object for the Team Foundation Server and Team Project Collection to use that contains the build definition.

**Namespace:** `TfsBuildExtensions.Activities.TeamFoundationServer`  
**Assembly:** `TfsBuildExtensions.Activities.dll`  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

GetBuildDefinition Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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GetBuildDefinition.TeamProjectName Property

The name of the team project where the build definition exists.

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

- GetBuildDefinition Class
- TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Workflow activity that gets an **IBuildServer** based on the Team Foundation Server URL that is provided.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**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.ActivityWithResult
System.Activities.Activity(IBuildServer)
System.Activities.CodeActivity(IBuildServer)
TfsBuildExtensions.Activities.TeamFoundationServer.GetBuildServer
See Also

GetBuildServer Members
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The `GetBuildServer` type exposes the following members.
### Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GetBuildServer</td>
<td></td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TeamFoundationServerUrl</td>
<td>The URL for the Team Foundation Server to use.</td>
</tr>
</tbody>
</table>
See Also

GetBuildServer Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
GetBuildServer Constructor

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

GetBuildServer Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
The **GetBuildServer** type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TeamFoundationServerUrl</strong></td>
<td>The URL for the Team Foundation Server to use.</td>
</tr>
</tbody>
</table>
See Also

GetBuildServer Class

TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The URL for the Team Foundation Server to use.

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

GetBuildServer Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Valid Action values are:

*BuildDetails* - **Required:** TeamProjectCollection, ItemId **Output:** Result

*WorkItemEditor* - **Required:** TeamProjectCollection, ItemUri **Output:** Result

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

**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.TeamFoundationServer.TFBaseCodeActivity
TfsBuildExtensions.Activities.TeamFoundationServer.GetWebAccessUrl
See Also

GetWebAccessUrl Members
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The `GetWebAccessUrl` type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GetWebAccessUrl</td>
<td></td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform. Default is BuildDetails.</td>
</tr>
</tbody>
</table>
| **ItemId** | Team Foundation ID for the linked item  
  - WorkItemEditor - the work item id. |
| **ItemUri** | Team Foundation Uri for specific items  
  - BuildDetails - Uri for the build. |
| **Result** | Result Url for the item in TFS Web Access. |
See Also

GetWebAccessUrl Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Namespace:  TfsBuildExtensions.Activities.TeamFoundationServer
Assembly:  TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version:  1.0.0.0 (1.0.0.6)
See Also

GetWebAccessUrl Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
The `GetWebAccessUrl` type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform. Default is BuildDetails.</td>
</tr>
<tr>
<td><strong>ItemId</strong></td>
<td>Team Foundation ID for the linked item</td>
</tr>
<tr>
<td></td>
<td>- WorkItemEditor - the work item id.</td>
</tr>
<tr>
<td><strong>ItemUri</strong></td>
<td>Team Foundation Uri for specific items</td>
</tr>
<tr>
<td></td>
<td>- BuildDetails - Uri for the build.</td>
</tr>
<tr>
<td><strong>Result</strong></td>
<td>Result Url for the item in TFS Web Access.</td>
</tr>
</tbody>
</table>
See Also

**GetWebAccessUrl Class**
**TfsBuildExtensions.Activities.TeamFoundationServer Namespace**

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Specifies the action to perform. Default is BuildDetails.

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)

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

**Version:** 1.0.0 (1.0.0.6)
See Also

GetWebAccessUrl Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Team Foundation ID for the linked item

- WorkItemEditor - the work item id.

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

GetWebAccessUrl Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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GetWebAccessUrl.ItemUri Property

Team Foundation Uri for specific items

- BuildDetails - Uri for the build.

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

GetWebAccessUrl Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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GetWebAccessUrl.Result Property

Result Url for the item in TFS Web Access.

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

GetWebAccessUrl Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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## Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BuildDetails</td>
<td>0</td>
<td>BuildDetails</td>
</tr>
<tr>
<td>WorkItemEditor</td>
<td>1</td>
<td>WorkItemEditor</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.TeamFoundationServer Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Workflow activity that queues a new build with the specified build definition and TFS Build Server.

**Namespace:**  
[TfsBuildExtensions.Activities.TeamFoundationServer](#)  

**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.ActivityWithResult
System.Activities.Activity(IQueuedBuild)
System.Activities.CodeActivity(IQueuedBuild)
TfsBuildExtensions.Activities.TeamFoundationServer.QueueBuild
See Also

QueueBuild Members
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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QueueBuild Members

The **QueueBuild** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>QueueBuild</td>
<td></td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BuildController</td>
<td>The <strong>IBuildController</strong> object to use to queue a new build if different from the default build controller as specified in the build definition.</td>
</tr>
<tr>
<td>BuildDefinition</td>
<td>The <strong>IBuildDefinition</strong> object to use to queue a new build.</td>
</tr>
<tr>
<td>BuildServer</td>
<td>The <strong>IBuildServer</strong> object for the Team Foundation Server and Team Project Collection to use that contains the build definition.</td>
</tr>
<tr>
<td>Priority</td>
<td>The build priority to use when placing the new build request on the queue.</td>
</tr>
<tr>
<td>ProcessParameters</td>
<td>The process parameters to use whenever queueing 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.</td>
</tr>
</tbody>
</table>
See Also

QueueBuild Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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QueueBuild Constructor

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

QueueBuild Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The **QueueBuild** type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BuildController</strong></td>
<td>The <code>IBuildController</code> object to use to queue a new build if different from the default build controller as specified in the build definition.</td>
</tr>
<tr>
<td><strong>BuildDefinition</strong></td>
<td>The <code>IBuildDefinition</code> object to use to queue a new build.</td>
</tr>
<tr>
<td><strong>BuildServer</strong></td>
<td>The <code>IBuildServer</code> object for the Team Foundation Server and Team Project Collection to use that contains the build definition.</td>
</tr>
<tr>
<td><strong>Priority</strong></td>
<td>The build priority to use when placing the new build request on the queue.</td>
</tr>
<tr>
<td><strong>ProcessParameters</strong></td>
<td>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.</td>
</tr>
</tbody>
</table>
See Also

QueueBuild Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The `IBuildController` object to use to queue a new build if different from the default build controller as specified in the build definition.

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

QueueBuild Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
QueueBuild class is used to queue a new build.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

Version: 1.0.0.0 (1.0.0.6)
See Also

QueueBuild Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The **IBuildServer** object for the Team Foundation Server and Team Project Collection to use that contains the build definition.

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

QueueBuild Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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QueueBuild.Priority Property

The build priority to use when placing the new build request on the queue.

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
Remarks

The default value is Normal().
See Also

QueueBuild Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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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: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

QueueBuild Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Base class for TFS Activities that require a TeamProjectCollection

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

**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.TeamFoundationServer.TFBaseCodeActivity
TfsBuildExtensions.Activities.TeamFoundationServer.GetWebAccessUrl
TfsBuildExtensions.Activities.TeamFoundationServer.WorkItemTracking
See Also

TFBaseCodeActivity Members
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The **TFBaseCodeActivity** type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>TeamProjectCollection</code></td>
<td>Team Project Collection for this activity.</td>
</tr>
</tbody>
</table>
See Also

TFBaseCodeActivity Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The **TFBaseCodeActivity** type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TeamProjectCollection</td>
<td>Team Project Collection for this activity.</td>
</tr>
</tbody>
</table>
See Also

TFBaseCodeActivity Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Team Project Collection for this activity.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

TFBaseCodeActivity Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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TF action to perform

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](https://example.com)

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

**Version:** 1.0.0.0 (1.0.0.6)
### Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add</td>
<td>0</td>
<td>Add item(s)</td>
</tr>
<tr>
<td>Checkin</td>
<td>1</td>
<td>Checkin item(s)</td>
</tr>
<tr>
<td>Checkout</td>
<td>2</td>
<td>Checkout item(s)</td>
</tr>
<tr>
<td>Delete</td>
<td>3</td>
<td>Delete item(s)</td>
</tr>
<tr>
<td>Undelete</td>
<td>4</td>
<td>Undelete item(s)</td>
</tr>
<tr>
<td>UndoCheckout</td>
<td>5</td>
<td>Undo checked out item(s)</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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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:** TfsBuildExtensions.Activities.TeamFoundationServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
### Examples

**XML**

```xml
<Sequence DisplayName="TFSBuildExtensions TfsSource Sequence"
<Sequence.Variables>
  <Variable x:TypeArguments="x:String" Default="C:\Subfolder"
  <Variable x:TypeArguments="x:String" Default="C:\Subfolder"
  <Variable x:TypeArguments="x:String" Default="A checkin comment"
  <Variable x:TypeArguments="x:String" Default="A policy override reason"
</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 -->
```

---

**Title:** Examples

**Description:**

XML examples for TFSBuildExtensions showcasing how to add items to version control, check in pending changes with comments, and check in pending changes with policy override. Each example is enclosed within the `Sequence` tag and contains various attributes for different actions such as `DisplayName`, `Action`, `Collection`, `OverrideReason`, and `WorkingDirectory`. The `Variable` elements define default values for different directories and comments. The `tat:TfsSource` tag is used to perform these actions within the sequence.
<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
See Also

TfsSource Members
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The `TfsSource` type exposes the following members.
### Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TfsSource</td>
<td></td>
</tr>
<tr>
<td><strong>Name</strong></td>
<td><strong>Description</strong></td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Action</strong></td>
<td>The action to perform</td>
</tr>
<tr>
<td><strong>Collection</strong></td>
<td>TFS collection to perform action on</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>Optional checkin comment</td>
</tr>
<tr>
<td><strong>Itemspec</strong></td>
<td>Item to operate on</td>
</tr>
<tr>
<td><strong>Login</strong></td>
<td>Optional login information, format: username [, password]</td>
</tr>
<tr>
<td><strong>Notes</strong></td>
<td>Optional checkin notes</td>
</tr>
<tr>
<td><strong>OverrideReason</strong></td>
<td>Optional checkin policy override reason</td>
</tr>
<tr>
<td><strong>Recursive</strong></td>
<td>Performs the operation recursively. Defaults to true</td>
</tr>
<tr>
<td><strong>ReturnCode</strong></td>
<td>Gets the Return Code from TF checkout</td>
</tr>
<tr>
<td><strong>ToolPath</strong></td>
<td>Path to TF.exe. Defaults to %VS100COMNTOOLS%..\IDE\tf.exe</td>
</tr>
<tr>
<td><strong>WorkingDirectory</strong></td>
<td>Working directory used when executing command</td>
</tr>
</tbody>
</table>
See Also

TfsSource Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

TfsSource Class

TfsBuildExtensions.Activities.TeamFoundationServer Namespace
The **TfsSource** type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>The action to perform</td>
</tr>
<tr>
<td><strong>Collection</strong></td>
<td>TFS collection to perform action on</td>
</tr>
<tr>
<td><strong>Comments</strong></td>
<td>Optional checkin comment</td>
</tr>
<tr>
<td><strong>Itemspec</strong></td>
<td>Item to operate on</td>
</tr>
<tr>
<td><strong>Login</strong></td>
<td>Optional login information, format: username [, password]</td>
</tr>
<tr>
<td><strong>Notes</strong></td>
<td>Optional checkin notes</td>
</tr>
<tr>
<td><strong>OverrideReason</strong></td>
<td>Optional checkin policy override reason</td>
</tr>
<tr>
<td><strong>Recursive</strong></td>
<td>Performs the operation recursively. Defaults to true</td>
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<tr>
<td><strong>WorkingDirectory</strong></td>
<td>Working directory used when executing command</td>
</tr>
</tbody>
</table>
See Also

TfsSource Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The action to perform

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsSource Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
TFS collection to perform action on

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

TfsSource Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Optional checkin comment

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsSource Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Item to operate on

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsSource Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Optional login information, format: username [, password]

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsSource Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
Optional checkin notes

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsSource Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Optional checkin policy override reason

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsSource Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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TfsSource.Recursive Property

Performs the operation recursively. Defaults to true

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](https://example.com)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsSource Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
TfsSource.ReturnCode Property

Gets the Return Code from TF checkout

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

TfsSource Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Path to TF.exe. Defaults to %VS100COMNTOOLS%\..\IDE\tf.exe

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsSource Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Working directory used when executing command

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)

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

**Version:** 1.0.0 (1.0.0.6)
See Also

TfsSource Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
TfsVersion

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

**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.TeamFoundationServer.TfsVersion`
See Also

TfsVersion Members
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The **TfsVersion** type exposes the following members.
### Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>![ ]</td>
<td>TfsVersion</td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>AssemblyDescription</strong></td>
<td>Gets or Sets the AssemblyDescription.</td>
</tr>
<tr>
<td><strong>AssemblyVersion</strong></td>
<td>Sets the AssemblyVersion. Defaults to Version if not set.</td>
</tr>
<tr>
<td><strong>Build</strong></td>
<td>Gets or Sets the Build version</td>
</tr>
<tr>
<td><strong>CombineBuildAndRevision</strong></td>
<td>Sets whether to make the revision a combination of the Build and Revision.</td>
</tr>
<tr>
<td><strong>DateFormat</strong></td>
<td>Sets the date format to use when using VersionFormat=&quot;DateTime&quot;. e.g. MMdd</td>
</tr>
<tr>
<td><strong>Delimiter</strong></td>
<td>Sets the Delimiter to use in the version number. Default is .</td>
</tr>
<tr>
<td><strong>Files</strong></td>
<td>Sets the files to version</td>
</tr>
<tr>
<td><strong>ForceSetVersion</strong></td>
<td>Set to true to force SetVersion action to update files that do not have AssemblyVersion</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Major</strong></td>
<td>Sets the major version</td>
</tr>
<tr>
<td><strong>Minor</strong></td>
<td>Sets the minor version</td>
</tr>
<tr>
<td><strong>PaddingCount</strong></td>
<td>Sets the number of padding digits to use, e.g. 4</td>
</tr>
<tr>
<td><strong>PaddingDigit</strong></td>
<td>Sets the padding digit to use, e.g. 0</td>
</tr>
<tr>
<td><strong>Revision</strong></td>
<td>Gets or Sets the Revision version</td>
</tr>
<tr>
<td><strong>SetAssemblyDescription</strong></td>
<td>Set to True to set the AssemblyDescription when calling</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>SetVersion</td>
<td>SetVersion. Default is false.</td>
</tr>
<tr>
<td>SetAssemblyFileVersion</td>
<td>Set to True to set the AssemblyVersion when calling SetVersion. Default is true.</td>
</tr>
<tr>
<td>SetAssemblyVersion</td>
<td>Set to True to set the AssemblyVersion when calling SetVersion. Default is false.</td>
</tr>
<tr>
<td>StartDate</td>
<td>Sets the start date to use when using VersionFormat=&quot;Elapsed&quot;</td>
</tr>
<tr>
<td>TextEncoding</td>
<td>Sets the file encoding. Default is UTF8</td>
</tr>
<tr>
<td>UseUtcDate</td>
<td>Set to True to get the elapsed calculation using UTC Date Time. Default is false</td>
</tr>
<tr>
<td>Version</td>
<td>Gets or Sets the Version</td>
</tr>
<tr>
<td>VersionFormat</td>
<td>Sets the Version Format. Valid VersionFormats are Elapsed, DateTime. Default is DateTime</td>
</tr>
<tr>
<td>VersionTemplateFormat</td>
<td>Specify the format of the build number. A format for each part must be specified or left blank, e.g. &quot;00.000.00.000&quot;, &quot;.0000.0&quot;</td>
</tr>
</tbody>
</table>
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The TfsVersion type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>AssemblyDescription</strong></td>
<td>Gets or Sets the AssemblyDescription.</td>
</tr>
<tr>
<td><strong>AssemblyVersion</strong></td>
<td>Sets the AssemblyVersion. Defaults to Version if not set.</td>
</tr>
<tr>
<td><strong>Build</strong></td>
<td>Gets or Sets the Build version</td>
</tr>
<tr>
<td><strong>CombineBuildAndRevision</strong></td>
<td>Sets whether to make the revision a combination of the Build and Revision.</td>
</tr>
<tr>
<td><strong>DateFormat</strong></td>
<td>Sets the date format to use when using VersionFormat=&quot;DateTime&quot;. e.g. MMdd</td>
</tr>
<tr>
<td><strong>Delimiter</strong></td>
<td>Sets the Delimiter to use in the version number. Default is .</td>
</tr>
<tr>
<td><strong>Files</strong></td>
<td>Sets the files to version</td>
</tr>
<tr>
<td><strong>ForceSetVersion</strong></td>
<td>Set to true to force SetVersion action to update files that do not have</td>
</tr>
<tr>
<td></td>
<td>AssemblyVersion</td>
</tr>
<tr>
<td><strong>Major</strong></td>
<td>Sets the major version</td>
</tr>
<tr>
<td><strong>Minor</strong></td>
<td>Sets the minor version</td>
</tr>
<tr>
<td><strong>PaddingCount</strong></td>
<td>Sets the number of padding digits to use, e.g. 4</td>
</tr>
<tr>
<td><strong>PaddingDigit</strong></td>
<td>Sets the padding digit to use, e.g. 0</td>
</tr>
<tr>
<td><strong>Revision</strong></td>
<td>Gets or Sets the Revision version</td>
</tr>
<tr>
<td><strong>SetAssemblyDescription</strong></td>
<td>Set to True to set the AssemblyDescription when calling</td>
</tr>
<tr>
<td>Property</td>
<td>Description</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>SetVersion. Default is false.</td>
<td></td>
</tr>
<tr>
<td><strong>Set AssemblyVersion</strong></td>
<td>Set to True to set the AssemblyVersion when calling SetVersion. Default is true.</td>
</tr>
<tr>
<td><strong>Set AssemblyVersion</strong></td>
<td>Set to True to set the AssemblyVersion when calling SetVersion. Default is false.</td>
</tr>
<tr>
<td><strong>StartDate</strong></td>
<td>Sets the start date to use when using VersionFormat=&quot;Elapsed&quot;</td>
</tr>
<tr>
<td><strong>TextEncoding</strong></td>
<td>Sets the file encoding. Default is UTF8</td>
</tr>
<tr>
<td><strong>UseUtcDate</strong></td>
<td>Set to True to get the elapsed calculation using UTC Date Time. Default is false</td>
</tr>
<tr>
<td><strong>Version</strong></td>
<td>Gets or Sets the Version</td>
</tr>
<tr>
<td><strong>VersionFormat</strong></td>
<td>Sets the Version Format. Valid VersionFormats are Elapsed, DateTime. Default is DateTime</td>
</tr>
<tr>
<td><strong>VersionTemplateFormat</strong></td>
<td>Specify the format of the build number. A format for each part must be specified or left blank, e.g. &quot;00.000.00.000&quot;, &quot;.0000.0&quot;</td>
</tr>
</tbody>
</table>
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Specifies the action to perform

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)

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

Version: 1.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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TfsVersion.AssemblyDescription Property

Gets or Sets the AssemblyDescription.

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)

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

**Version:** 1.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Sets the AssemblyVersion. Defaults to Version if not set.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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TfsVersion.Build Property

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)

Gets or Sets the Build version
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Sets whether to make the revision a combination of the Build and Revision.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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TfsVersion.DateFormat Property

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)

Sets the date format to use when using VersionFormat="DateTime". e.g. MMdd
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Sets the Delimiter to use in the version number. Default is .

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
Sets the files to version

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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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:** TfsBuildExtensions.Activities.TeamFoundationServer

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Sets the major version

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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TfsVersion.Minor Property

Sets the minor version

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

Version: 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
Sets the number of padding digits to use, e.g. 4

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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TfsVersion.PaddingDigit Property

Sets the padding digit to use, e.g. 0

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer]

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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TfsVersion.Revision Property

Gets or Sets the Revision version

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Set to True to set the AssemblyDescription when calling SetVersion. Default is false.

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Set to True to set the AssemblyFileVersion when calling SetVersion. Default is true.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class

TfsBuildExtensions.Activities.TeamFoundationServer Namespace
Set to True to set the AssemblyVersion when calling SetVersion. Default is false.

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

- TfsVersion Class
- TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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TfsVersion.StartDate Property

Sets the start date to use when using VersionFormat="Elapsed"

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Sets the file encoding. Default is UTF8

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
Set to True to get the elapsed calculation using UTC Date Time. Default is false

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

- TfsVersion Class
- TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Gets or Sets the Version

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)

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

Version: 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Sets the Version Format. Valid VersionFormats are Elapsed, DateTime. Default is DateTime

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

Version: 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace
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"

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

TfsVersion Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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TfsVersionAction

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0 (1.0.0.6)
## Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GetVersion</td>
<td>0</td>
<td>GetVersion</td>
</tr>
<tr>
<td>SetVersion</td>
<td>1</td>
<td>SetVersion</td>
</tr>
<tr>
<td>GetAndSetVersion</td>
<td>2</td>
<td>GetAndSetVersion</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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TfsVersionVersionFormat Enumeration

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
## Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DateTime</td>
<td>0</td>
<td>DateTime</td>
</tr>
<tr>
<td>Elapsed</td>
<td>1</td>
<td>Elapsed</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Perform 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:** TfsBuildExtensions.Activities.TeamFoundationServer

**Assembly:** 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.TeamFoundationServer.TFBaseCodeActivity
TfsBuildExtensions.Activities.TeamFoundationServer.WorkItemTracking...
See Also

WorkItemTracking Members
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The **WorkItemTracking** type exposes the following members.
### Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>WorkItemTracking</td>
<td></td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action</td>
<td>Specifies the action to perform. Default is Create.</td>
</tr>
<tr>
<td>FieldName</td>
<td>The name of the field to set.</td>
</tr>
<tr>
<td>ItemValue</td>
<td>The value to set for a field/link or the returned field value.</td>
</tr>
<tr>
<td>WorkItem</td>
<td>Target work item or returned work item.</td>
</tr>
<tr>
<td>WorkItemId</td>
<td>Target work item id or the returned work item id.</td>
</tr>
</tbody>
</table>
See Also

- WorkItemTracking Class
- TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

WorkItemTracking Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The `WorkItemTracking` type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action</td>
<td>Specifies the action to perform. Default is Create.</td>
</tr>
<tr>
<td>FieldName</td>
<td>The name of the field to set.</td>
</tr>
<tr>
<td>ItemValue</td>
<td>The value to set for a field/link or the returned field value.</td>
</tr>
<tr>
<td>WorkItem</td>
<td>Target work item or returned work item.</td>
</tr>
<tr>
<td>WorkItemId</td>
<td>Target work item id or the returned work item id.</td>
</tr>
</tbody>
</table>
See Also

WorkItemTracking Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Specifies the action to perform. Default is Create.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

WorkItemTracking Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The name of the field to set.

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

WorkItemTracking Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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The value to set for a field/link or the returned field value.

**Namespace:** [TfsBuildExtensions.Activities.TeamFoundationServer](#)  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

WorkItemTracking Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Target work item or returned work item.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0 (1.0.0.6)
See Also

WorkItemTracking Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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Target work item id or the returned work item id.

**Namespace:** TfsBuildExtensions.Activities.TeamFoundationServer

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

WorkItemTracking Class
TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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WorkItemTrackingAction Enumeration

Namespace: TfsBuildExtensions.Activities.TeamFoundationServer
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
### Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>GetById</td>
<td>0</td>
<td>GetById</td>
</tr>
<tr>
<td>Save</td>
<td>1</td>
<td>Save</td>
</tr>
<tr>
<td>Reset</td>
<td>2</td>
<td>Reset</td>
</tr>
<tr>
<td>GetFieldValue</td>
<td>3</td>
<td>GetFieldValue</td>
</tr>
<tr>
<td>SetFieldValue</td>
<td>4</td>
<td>SetFieldValue</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.TeamFoundationServer Namespace

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## Classes

<table>
<thead>
<tr>
<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>📌 HyperV</td>
<td>An activity to perform HyperV operations within a TFS 2010 build</td>
</tr>
<tr>
<td></td>
<td><strong>Valid Action values are:</strong> Start, Shutdown, Turnoff, Pause, Suspend, Restart, Snapshot, ApplyLastSnapshot, ApplyNamedSnapshot</td>
</tr>
<tr>
<td>📌 VirtualPC</td>
<td>A set of tools to manage VirtualPCs</td>
</tr>
<tr>
<td></td>
<td><strong>Valid Action values are:</strong> AddHardDiskConnection, DiscardSavedState, DiscardUndoDisks, IsHeartBeating, IsScreenLocked, List, LogOff, MergeUndoDisks, Pause, RemoveHardDiskConnection, Reset</td>
</tr>
<tr>
<td>Command</td>
<td></td>
</tr>
<tr>
<td>-------------------------</td>
<td></td>
</tr>
<tr>
<td>Restart</td>
<td></td>
</tr>
<tr>
<td>Resume</td>
<td></td>
</tr>
<tr>
<td>Save</td>
<td></td>
</tr>
<tr>
<td>Shutdown</td>
<td></td>
</tr>
<tr>
<td>Startup</td>
<td></td>
</tr>
<tr>
<td>TakeScreenshot</td>
<td></td>
</tr>
<tr>
<td>Turnoff</td>
<td></td>
</tr>
<tr>
<td>WaitForLowCpuUtilization</td>
<td></td>
</tr>
<tr>
<td>RunScript</td>
<td></td>
</tr>
</tbody>
</table>
### Enumerations

<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HyperVAction</td>
<td>Possible action for the activity</td>
</tr>
<tr>
<td>VirtualPCAction</td>
<td>Possible action for the activity</td>
</tr>
</tbody>
</table>

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An activity to perform HyperV operations within a TFS 2010 build

**Valid Action values are:**

*Start*

*Shutdown*

*Turnoff*

*Pause*

*Suspend*

*Restart*

*Snapshot*

*ApplyLastSnapshot*

*ApplyNamedSnapshot*

**Namespace:** [TfsBuildExtensions.Activities.Virtualization](#)

**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.Virtualization.HyperV`
See Also

HyperV Members
TfsBuildExtensions.Activities.Virtualization Namespace
The **HyperV** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HyperV</td>
<td></td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action</td>
<td>The task to perform.</td>
</tr>
<tr>
<td>ServerName</td>
<td>The name of the server host the VM. &quot;.&quot; can be used for the localhost.</td>
</tr>
<tr>
<td>SnapshotName</td>
<td>The name of the snapshot to restore to the VM</td>
</tr>
<tr>
<td>Succeeded</td>
<td>Gets whether the action succeeded.</td>
</tr>
<tr>
<td>VMName</td>
<td>The name of the VM to perform operations on.</td>
</tr>
</tbody>
</table>
See Also

HyperV Class
TfsBuildExtensions.Activities.Virtualization Namespace

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TFS Build Extensions Help (v1.0.0.6)

HyperV Constructor

HyperV Class  See Also  Send Feedback

Namespace: TfsBuildExtensions.Activities.Virtualization
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

HyperV Class
TfsBuildExtensions.Activities.Virtualization Namespace
The **HyperV** type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>The task to perform.</td>
</tr>
<tr>
<td><strong>ServerName</strong></td>
<td>The name of the server host the VM. <code>'.'</code> can be used for the localhost.</td>
</tr>
<tr>
<td><strong>SnapshotName</strong></td>
<td>The name of the snapshot to restore to the VM</td>
</tr>
<tr>
<td><strong>Succeeded</strong></td>
<td>Gets whether the action succeeded.</td>
</tr>
<tr>
<td><strong>VMName</strong></td>
<td>The name of the VM to perform operations on.</td>
</tr>
</tbody>
</table>
See Also

HyperV Class
TfsBuildExtensions.Activities.Virtualization Namespace

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The task to perform.

**Namespace:** TfsBuildExtensions.Activities.Virtualization  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

- HyperV Class
- TfsBuildExtensions.Activities.Virtualization Namespace

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The name of the server host the VM. '.' can be used for the localhost.

**Namespace:** [TfsBuildExtensions.Activities.Virtualization](#)

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

**Version:** 1.0.0 (1.0.0.6)
See Also

HyperV Class
TfsBuildExtensions.Activities.Virtualization Namespace

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The name of the snapshot to restore to the VM

**Namespace:** TfsBuildExtensions.Activities.Virtualization

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

**Version:** 1.0.0 (1.0.0.6)
See Also

HyperV Class
TfsBuildExtensions.Activities.Virtualization Namespace

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HyperV.Succeeded Property

Gets whether the action succeeded.

Namespace: TfsBuildExtensions.Activities.Virtualization
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0 (1.0.0.6)
See Also

HyperV Class
TfsBuildExtensions.Activities.Virtualization Namespace

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HyperV.VMName Property

The name of the VM to perform operations on.

**Namespace:** TfsBuildExtensions.Activities.Virtualization

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

Version: 1.0.0.0 (1.0.0.6)
See Also

HyperV Class
TfsBuildExtensions.Activities.Virtualization Namespace
Possible action for the activity

**Namespace:** [TfsBuildExtensions.Activities.Virtualization](#)

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

**Version:** 1.0.0 (1.0.0.6)
### Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Start</td>
<td>0</td>
<td>Starts the VM</td>
</tr>
<tr>
<td>Shutdown</td>
<td>1</td>
<td>Shutdown the VM Guest OS</td>
</tr>
<tr>
<td>Turnoff</td>
<td>2</td>
<td>Switch off the VM</td>
</tr>
<tr>
<td>Pause</td>
<td>3</td>
<td>Pause the VM</td>
</tr>
<tr>
<td>Suspend</td>
<td>4</td>
<td>Save the state of the VM to disk</td>
</tr>
<tr>
<td>Restart</td>
<td>5</td>
<td>Restarts the VM</td>
</tr>
<tr>
<td>Snapshot</td>
<td>6</td>
<td>Takes a snapshot of the VM</td>
</tr>
<tr>
<td>ApplyLastSnapshot</td>
<td>7</td>
<td>Restores last snapshot of the VM</td>
</tr>
<tr>
<td>ApplyNamedSnapshot</td>
<td>8</td>
<td>Restores named snapshot of the VM</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.Virtualization Namespace
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

**Namespace:** [TfsBuildExtensions.Activities.Virtualization](#)
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`
See Also

VirtualPC Members
TfsBuildExtensions.Activities.Virtualization Namespace

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The **VirtualPC** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VirtualPC</td>
<td></td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>The task to perform.</td>
</tr>
<tr>
<td><strong>BusNumber</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>DeviceNumber</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>FileName</strong></td>
<td>Sets the FileName used for adding disks and taking screen shots</td>
</tr>
<tr>
<td><strong>MaxCpuThreshold</strong></td>
<td>Sets the MaxCpuThreshold in seconds. This is the period for which the virtual machine must be below the MaxCpuUsage. Default is 10.</td>
</tr>
<tr>
<td><strong>MaxCpuUsage</strong></td>
<td>Sets the MaxCpuUsage in %. Default is 10</td>
</tr>
<tr>
<td><strong>Result</strong></td>
<td>The result of Is... status actions</td>
</tr>
<tr>
<td><strong>Script</strong></td>
<td>A list of key depressions and mouse clicks</td>
</tr>
<tr>
<td><strong>Success</strong></td>
<td>The command executed without error, does not mean VM completed the actions e.g. the state may not have actually changed</td>
</tr>
<tr>
<td><strong>VirtualMachineCount</strong></td>
<td>Gets the number of virtual machines found</td>
</tr>
<tr>
<td><strong>VirtualMachines</strong></td>
<td>Gets the collection of Virtual Machines. See the sample for available metadata</td>
</tr>
<tr>
<td><strong>VMName</strong></td>
<td>The name of the VM to perform operations on.</td>
</tr>
<tr>
<td><strong>WaitForCompletion</strong></td>
<td>The time, in milliseconds, that this method will wait for task completion before</td>
</tr>
</tbody>
</table>
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.
See Also

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace

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VirtualPC Constructor

Namespace: TfsBuildExtensions.Activities.Virtualization
Assembly: TfsBuildExtensions.Activities.VirtualPC (in TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

VirtualPC Class
TfsBuildExtensions.Activities.Virtualization Namespace

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The **VirtualPC** type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>The task to perform.</td>
</tr>
<tr>
<td><strong>BusNumber</strong></td>
<td>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.</td>
</tr>
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<td><strong>DeviceNumber</strong></td>
<td>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.</td>
</tr>
<tr>
<td><strong>FileName</strong></td>
<td>Sets the FileName used for adding disks and taking screen shots</td>
</tr>
<tr>
<td><strong>MaxCpuThreshold</strong></td>
<td>Sets the MaxCpuThreshold in seconds. This is the period for which the virtual machine must be below the MaxCpuUsage. Default is 10.</td>
</tr>
<tr>
<td><strong>MaxCpuUsage</strong></td>
<td>Sets the MaxCpuUsage in %. Default is 10</td>
</tr>
<tr>
<td><strong>Result</strong></td>
<td>The result of Is... status actions</td>
</tr>
<tr>
<td><strong>Script</strong></td>
<td>A list of key depressions and mouse clicks</td>
</tr>
<tr>
<td><strong>Success</strong></td>
<td>The command executed without error, does not mean VM completed the actions e.g. the state may not have actually changed</td>
</tr>
<tr>
<td><strong>VirtualMachineCount</strong></td>
<td>Gets the number of virtual machines found</td>
</tr>
<tr>
<td><strong>VirtualMachines</strong></td>
<td>Gets the collection of Virtual Machines. See the sample for available metadata</td>
</tr>
<tr>
<td><strong>VMName</strong></td>
<td>The name of the VM to perform operations on</td>
</tr>
<tr>
<td><strong>WaitForCompletion</strong></td>
<td>The time, in milliseconds, that this method will wait for task completion before</td>
</tr>
</tbody>
</table>
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.
See Also

- VirtualPC Class
- TfsBuildExtensions.Activities.Virtualization Namespace

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VirtualPC.Action Property

The task to perform.

**Namespace:** TfsBuildExtensions.Activities.Virtualization
**Assembly:** TfsBuildExtensions.Activities.VirtualPC (in TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

VirtualPC Class
TfsBuildExtensions.Activities.Virtualization Namespace

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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:** TfsBuildExtensions.Activities.Virtualization  
**Assembly:** TfsBuildExtensions.Activities.VirtualPC (in TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

VirtualPC Class
TfsBuildExtensions.Activities.Virtualization Namespace

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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:** TfsBuildExtensions.Activities.Virtualization  
**Assembly:** TfsBuildExtensions.Activities.VirtualPC (in TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

VirtualPC Class
TfsBuildExtensions.Activities.Virtualization Namespace
Sets the FileName used for adding disks and taking screen shots

**Namespace:** [TfsBuildExtensions.Activities.Virtualization](#)

**Assembly:** TfsBuildExtensions.Activities.VirtualPC (in TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace
Sets the MaxCpuThreshold in seconds. This is the period for which the virtual machine must be below the MaxCpuUsage. Default is 10.

**Namespace:**  TfsBuildExtensions.Activities.Virtualization  
**Assembly:**  TfsBuildExtensions.Activities.VirtualPC (in TfsBuildExtensions.Activities.VirtualPC.dll)  
Version:  1.0.0.0 (1.0.0.6)
See Also

VirtualPC Class
TfsBuildExtensions.Activities.Virtualization Namespace

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VirtualPC.MaxCpuUsage Property

Sets the MaxCpuUsage in %. Default is 10

**Namespace:** TfsBuildExtensions.Activities.Virtualization

**Assembly:** TfsBuildExtensions.Activities.VirtualPC (in TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

VirtualPC Class
TfsBuildExtensions.Activities.Virtualization Namespace

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VirtualPC.Result Property

The result of Is... status actions

**Namespace:** TfsBuildExtensions.Activities.Virtualization

**Assembly:** TfsBuildExtensions.Activities.VirtualPC (in TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

VirtualPC Class
TfsBuildExtensions.Activities.Virtualization Namespace
A list of key depressions and mouse clicks

**Namespace:** [TfsBuildExtensions.Activities.Virtualization](#)

**Assembly:** TfsBuildExtensions.Activities.VirtualPC (in TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

VirtualPC Class
TfsBuildExtensions.Activities.Virtualization Namespace

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VirtualPC.Success Property

The command executed without error, does not mean VM completed the actions e.g. the state may not have actually changed

Namespace: TfsBuildExtensions.Activities.Virtualization
Assembly: TfsBuildExtensions.Activities.VirtualPC (in TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace
VirtualPC.VirtualMachineCount Property

Gets the number of virtual machines found

**Namespace:** [TfsBuildExtensions.Activities.Virtualization](https://example.com)

**Assembly:** TfsBuildExtensions.Activities.VirtualPC (in TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace
VirtualPC.VirtualMachines Property

Gets the collection of Virtual Machines. See the sample for available metadata

Namespace: TfsBuildExtensions.Activities.Virtualization
Assembly: TfsBuildExtensions.Activities.VirtualPC (in TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

VirtualPC Class
TfsBuildExtensions.Activities.Virtualization Namespace

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The name of the VM to perform operations on.

**Namespace:** [TfsBuildExtensions.Activities.Virtualization](#)

**Assembly:** TfsBuildExtensions.Activities.VirtualPC (in TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace
VirtualPC.WaitForCompletion Property

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: TfsBuildExtensions.Activities.Virtualization
Assembly: TfsBuildExtensions.Activities.VirtualPC (in
TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

VirtualPC Class

TfsBuildExtensions.Activities.Virtualization Namespace
VirtualPCAction Enumeration

Possible action for the activity

**Namespace:** [TfsBuildExtensions.Activities.Virtualization](https://example.com)

**Assembly:** TfsBuildExtensions.Activities.VirtualPC (in TfsBuildExtensions.Activities.VirtualPC.dll) Version: 1.0.0.0 (1.0.0.6)
# Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddHardDiskConnection</td>
<td>0</td>
<td>Add a VHD</td>
</tr>
<tr>
<td>DiscardSavedState</td>
<td>1</td>
<td>Discard the save state</td>
</tr>
<tr>
<td>DiscardUndoDisks</td>
<td>2</td>
<td>Discard the undo disks</td>
</tr>
<tr>
<td>IsHeartBeating</td>
<td>3</td>
<td>Checks of the VM is running</td>
</tr>
<tr>
<td>IsScreenLocked</td>
<td>4</td>
<td>Checks if the VM is locked</td>
</tr>
<tr>
<td>List</td>
<td>5</td>
<td>Lists the VMs on host</td>
</tr>
<tr>
<td>LogOff</td>
<td>6</td>
<td>Logs of the guest OS</td>
</tr>
<tr>
<td>MergeUndoDisks</td>
<td>7</td>
<td>Merges the undo disks</td>
</tr>
<tr>
<td>Pause</td>
<td>8</td>
<td>Pauses the VM</td>
</tr>
<tr>
<td>RemoveHardDiskConnection</td>
<td>9</td>
<td>Removed a VHD</td>
</tr>
<tr>
<td>Reset</td>
<td>10</td>
<td>Resets the VM</td>
</tr>
<tr>
<td>Restart</td>
<td>11</td>
<td>Retarts the VM</td>
</tr>
<tr>
<td>Resume</td>
<td>12</td>
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</tr>
<tr>
<td>Save</td>
<td>13</td>
<td>Saves the state of VM</td>
</tr>
<tr>
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<td>14</td>
<td>Shuts down the guest OS</td>
</tr>
<tr>
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</tr>
<tr>
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<td>16</td>
<td>Takes a BMP screenshot</td>
</tr>
<tr>
<td>Turnoff</td>
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<td>Turns off the VM</td>
</tr>
<tr>
<td>WaitForLowCpuUtilization</td>
<td>18</td>
<td>Pauses execution until the CPU is at the given level</td>
</tr>
<tr>
<td>RunScript</td>
<td>19</td>
<td>Runs a series of commands on the guest OS</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.Virtualization Namespace
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<th>Class</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VB6</td>
<td>This activity wraps the VB6 compiler.</td>
</tr>
<tr>
<td>VSDevEnv</td>
<td>VSDevEnv</td>
</tr>
</tbody>
</table>

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This activity wraps the VB6 compiler.

**Namespace:** TfsBuildExtensions.Activities.VisualStudio  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
Examples

XML

<Sequence DisplayName="TFSBuildExtensions VB6 Compile"
<Sequence.Variables>
    <Variable x:TypeArguments="x:String" Default="[SourcesDirectory + Development\Iteration\2\VB6\AComponent.vbp]" />
</Sequence.Variables>

<!-- Compile a VB6 project using default settings -->
<tab:VB6
    DisplayName="Compile VB6 for Project"
    ProjectFile="[ProjectToCompile]" />

<!-- Compile a VB6 project, change project properties -->
<tab:VB6
    DisplayName="Compile VB6 for Project"
    ProjectFile="[ProjectToCompile]"
    ChangeProperty="RevisionVer=4;CompatibleMode=0" />
</Sequence>
Inheritance Hierarchy

- `System.Object`
- `System.Activities.Activity`
- `System.Activities.CodeActivity`
- `TfsBuildExtensions.Activities.BaseCodeActivity`
- `TfsBuildExtensions.Activities.VisualStudio.VB6`
See Also

VB6 Members
TfsBuildExtensions.Activities.VisualStudio Namespace

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The **VB6** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>🌡️</td>
<td>VB6</td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ChangeProperty</td>
<td>Project properties to change at build time. Specify properties to change as key=value;key=value</td>
</tr>
<tr>
<td>LogFile</td>
<td>Logfile for compilation output. Default is build drop location + vb project filename + .log</td>
</tr>
<tr>
<td>OutDir</td>
<td>Output directory. Default is build drop location + vb project directory</td>
</tr>
<tr>
<td>ProjectFile</td>
<td>Name of VB6 project to compile</td>
</tr>
<tr>
<td>ReturnCode</td>
<td>Gets the Return Code from the VB6 compile activity</td>
</tr>
<tr>
<td>ToolPath</td>
<td>Path to VB6 compiler. Default is C:\Program Files\Microsoft Visual Studio\VB98\VB6.exe</td>
</tr>
<tr>
<td>WorkingDirectory</td>
<td>Working directory used when compiling</td>
</tr>
</tbody>
</table>
See Also

VB6 Class
TfsBuildExtensions.Activities.VisualStudio Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Namespace: TfsBuildExtensions.Activities.VisualStudio
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

VB6 Class
TfsBuildExtensions.Activities.VisualStudio Namespace

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The **VB6** type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ChangeProperty</strong></td>
<td>Project properties to change at build time. Specify properties to change as key=value;key=value</td>
</tr>
<tr>
<td><strong>LogFile</strong></td>
<td>Logfile for compilation output. Default is build drop location + vb project filename + .log</td>
</tr>
<tr>
<td><strong>OutDir</strong></td>
<td>Output directory. Default is build drop location + vb project directory</td>
</tr>
<tr>
<td><strong>ProjectFile</strong></td>
<td>Name of VB6 project to compile</td>
</tr>
<tr>
<td><strong>ReturnCode</strong></td>
<td>Gets the Return Code from the VB6 compile activity</td>
</tr>
<tr>
<td><strong>ToolPath</strong></td>
<td>Path to VB6 compiler. Default is C:\Program Files\Microsoft Visual Studio\VB98\VB6.exe</td>
</tr>
<tr>
<td><strong>WorkingDirectory</strong></td>
<td>Working directory used when compiling</td>
</tr>
</tbody>
</table>
See Also

VB6 Class
TfsBuildExtensions.Activities.VisualStudio Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Project properties to change at build time. Specify properties to change as key=value;key=value

**Namespace:** TfsBuildExtensions.Activities.VisualStudio

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

VB6 Class
TfsBuildExtensions.Activities.VisualStudio Namespace

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Logfile for compilation output. Default is build drop location + vb project filename + .log

Namespace: TfsBuildExtensions.Activities.VisualStudio
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

VB6 Class
TfsBuildExtensions.Activities.VisualStudio Namespace

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Output directory. Default is build drop location + vb project directory

**Namespace:** [TfsBuildExtensions.Activities.VisualStudio](http://example.com)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

VB6 Class

TfsBuildExtensions.Activities.VisualStudio Namespace
Name of VB6 project to compile

**Namespace:** TfsBuildExtensions.Activities.VisualStudio

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

VB6 Class
TfsBuildExtensions.Activities.VisualStudio Namespace

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VB6.ReturnCode Property

Gets the Return Code from the VB6 compile activity

Namespace: TfsBuildExtensions.Activities.VisualStudio
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

VB6 Class
TfsBuildExtensions.Activities.VisualStudio Namespace
Path to VB6 compiler. Default is C:\Program Files\Microsoft Visual Studio\VB98\VB6.exe

**Namespace:** TfsBuildExtensions.Activities.VisualStudio  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

VB6 Class
TfsBuildExtensions.Activities.VisualStudio Namespace
VB6.WorkingDirectory Property

Working directory used when compiling

Namespace: TfsBuildExtensions.Activities.VisualStudio
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

VB6 Class
TfsBuildExtensions.Activities.VisualStudio Namespace

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VSEnv

**Namespace:** [TfsBuildExtensions.Activities.VisualStudio](#)

**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.VisualStudio.VSDevEnv
See Also

VSDevEnv Members
TfsBuildExtensions.Activities.VisualStudio Namespace

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The **VSDevEnv** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>VSDevEnv</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Configuration</td>
<td>The Configuration to Build.</td>
</tr>
<tr>
<td>DevEnvPath</td>
<td>The path to DevEnv.exe. Default is DevEnv.exe, so the path should be in your Path Environment Variable.</td>
</tr>
<tr>
<td>FilePath</td>
<td>The Path to the solution or Project to build</td>
</tr>
<tr>
<td>OutputFile</td>
<td>Specifies the File to log all output to.</td>
</tr>
<tr>
<td>Rebuild</td>
<td>Specifies whether Clean and then build the solution or project with the specified configuration. Default is false</td>
</tr>
</tbody>
</table>
See Also

VSDevEnv Class
TfsBuildExtensions.Activities.VisualStudio Namespace

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Namespace: TfsBuildExtensions.Activities.VisualStudio
Assembly: TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
Version: 1.0.0.0 (1.0.0.6)
See Also

VSDevEnv Class
TfsBuildExtensions.Activities.VisualStudio Namespace

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The `VSDevEnv` type exposes the following members.
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Configuration</strong></td>
<td>The Configuration to Build.</td>
</tr>
<tr>
<td><strong>DevEnvPath</strong></td>
<td>The path to DevEnv.exe. Default is DevEnv.exe, so the path should be in your Path Environment Variable.</td>
</tr>
<tr>
<td><strong>FilePath</strong></td>
<td>The Path to the solution or Project to build</td>
</tr>
<tr>
<td><strong>OutputFile</strong></td>
<td>Specifies the File to log all output to.</td>
</tr>
<tr>
<td><strong>Rebuild</strong></td>
<td>Specifies whether Clean and then build the solution or project with the specified configuration. Default is false</td>
</tr>
</tbody>
</table>
See Also

VSDevEnv Class
TfsBuildExtensions.Activities.VisualStudio Namespace

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The Configuration to Build.

**Namespace:** [TfsBuildExtensions.Activities.VisualStudio](https://www.tfsbuildextensions.com)

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

VSDevEnv Class
TfsBuildExtensions.Activities.VisualStudio Namespace

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The path to DevEnv.exe. Default is DevEnv.exe, so the path should be in your Path Environment Variable.

**Namespace:** [TfsBuildExtensions.Activities.VisualStudio](#)  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

VSDevEnv Class
TfsBuildExtensions.Activities.VisualStudio Namespace

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The Path to the solution or Project to build

**Namespace:** [TfsBuildExtensions.Activities.VisualStudio](#)  
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

VSDevEnv Class
TfsBuildExtensions.Activities.VisualStudio Namespace

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VSDevEnv.OutputFile Property

VSDevEnv Class See Also Send Feedback

Specifies the File to log all output to.

**Namespace:** TfsBuildExtensions.Activities.VisualStudio

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

**Version:** 1.0.0.0 (1.0.0.6)
See Also

VSDevEnv Class
TfsBuildExtensions.Activities.VisualStudio Namespace

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VSDevEnv.Rebuild Property

Specifies whether Clean and then build the solution or project with the specified configuration. Default is false

**Namespace:** TfsBuildExtensions.Activities.VisualStudio
**Assembly:** TfsBuildExtensions.Activities (in TfsBuildExtensions.Activities.dll)
**Version:** 1.0.0.0 (1.0.0.6)
See Also

VSDevEnv Class
TfsBuildExtensions.Activities.VisualStudio Namespace

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Iis7Application</td>
<td>Iis7Application</td>
</tr>
<tr>
<td>Iis7AppPool</td>
<td>Iis7AppPool</td>
</tr>
<tr>
<td>Iis7Binding</td>
<td>Iis7Binding</td>
</tr>
<tr>
<td>Iis7Website</td>
<td>Iis7Website</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Enumeration</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IIS7ApplicationAction</td>
<td>IIS7ApplicationAction</td>
</tr>
<tr>
<td>IIS7AppPoolAction</td>
<td>IIS7AppPoolAction</td>
</tr>
<tr>
<td>IIS7BindingAction</td>
<td>IIS7BindingAction</td>
</tr>
<tr>
<td>IIS7WebsiteAction</td>
<td>IIS7WebsiteAction</td>
</tr>
</tbody>
</table>

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Iis7Application

**Namespace:** TfsBuildExtensions.Activities.Web

**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
See Also

Iis7Application Members
TfsBuildExtensions.Activities.Web Namespace
The **Iis7Application** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iis7Application</td>
<td></td>
</tr>
</tbody>
</table>
## Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action</td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td>Applications</td>
<td>ITaskItem of Applications</td>
</tr>
<tr>
<td>Exists</td>
<td>Gets whether the application exists</td>
</tr>
<tr>
<td>Website</td>
<td>Sets the name of the Website</td>
</tr>
</tbody>
</table>
See Also

- Iis7Application Class
- TfsBuildExtensions.Activities.Web Namespace

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Iis7Application Constructor

See Also
Send Feedback

Namespace: TfsBuildExtensions.Activities.Web
Assembly: TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Application Class
TfsBuildExtensions.Activities.Web Namespace

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The Iis7Application type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action</td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td>Applications</td>
<td>ITaskItem of Applications</td>
</tr>
<tr>
<td>Exists</td>
<td>Gets whether the application exists</td>
</tr>
<tr>
<td>Website</td>
<td>Sets the name of the Website</td>
</tr>
</tbody>
</table>
See Also

Iis7Application Class
TfsBuildExtensions.Activities.Web Namespace
Specifies the action to perform

**Namespace:** [TfsBuildExtensions.Activities.Web](https://example.com)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Application Class
TfsBuildExtensions.Activities.Web Namespace

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Iis7Application.Applications Property

Iis7Application Class See Also Send Feedback

ITaskItem of Applications

Namespace: TfsBuildExtensions.Activities.Web
Assembly: TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Application Class
TfsBuildExtensions.Activities.Web Namespace

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Iis7Application.Exists Property

Gets whether the application exists

**Namespace:** [TfsBuildExtensions.Activities.Web](https://example.com)
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Application Class
TfsBuildExtensions.Activities.Web Namespace

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Sets the name of the Website

**Namespace:** TfsBuildExtensions.Activities.Web  
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

Iis7Application Class
TfsBuildExtensions.Activities.Web Namespace

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IIS7ApplicationAction Enumeration

See Also Send Feedback

IIS7ApplicationAction

Namespace: TfsBuildExtensions.Activities.Web

Assembly: TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delete</td>
<td>0</td>
<td>Delete</td>
</tr>
<tr>
<td>CheckExists</td>
<td>1</td>
<td>CheckExists</td>
</tr>
</tbody>
</table>
### See Also

**TfsBuildExtensions.Activities.Web Namespace**

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Iis7AppPool

**Namespace:** TfsBuildExtensions.Activities.Web

**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.Iis7AppPool`
See Also

Iis7AppPool Members
TfsBuildExtensions.Activities.Web Namespace

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The **Iis7AppPool** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iis7AppPool</td>
<td></td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>AutoStart</strong></td>
<td>Set whether the application pool should start automatically. Default is true.</td>
</tr>
<tr>
<td><strong>Enable32BitAppOnWin64</strong></td>
<td>Sets whether 32-bit applications are enabled on 64-bit processors. Default is false.</td>
</tr>
<tr>
<td><strong>Exists</strong></td>
<td>Gets whether the Application Pool exists</td>
</tr>
<tr>
<td><strong>Force</strong></td>
<td>Set to true to force the creation of an apppool, even if it exists.</td>
</tr>
<tr>
<td><strong>IdentityPassword</strong></td>
<td>Sets the password associated with the PoolIdentity property.</td>
</tr>
<tr>
<td><strong>IdentityType</strong></td>
<td>Sets the ProcessModelIdentityType. Default is LocalService</td>
</tr>
<tr>
<td><strong>IdleTimeout</strong></td>
<td>Sets a TimeSpan value in minutes for the period of time a process should remain idle. Set &gt; 0 to use. Set to -1 to restore the Application Pool Default.</td>
</tr>
<tr>
<td><strong>ManagedRuntimeVersion</strong></td>
<td>Sets the version number of the .NET Framework used by the application pool. Default is &quot;v2.0&quot;.</td>
</tr>
<tr>
<td><strong>MaxProcesses</strong></td>
<td>Sets the maximum number of worker processes allowed for the AppPool. Set to -1 to restore the Application Pool Default.</td>
</tr>
<tr>
<td><strong>Name</strong></td>
<td>Sets the name of the AppPool</td>
</tr>
<tr>
<td><strong>PeriodicRestartPrivateMemory</strong></td>
<td>Sets the private memory (kb) a process can use before the process is recycled. Default is 0. Set &gt; 0 to</td>
</tr>
<tr>
<td>Parameter</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>PeriodicRestartTime</strong></td>
<td>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 &gt; 0 to use. Set -1 to restore the Application Pool Default for Modify or -1 to Disable Recycling. PeriodicRestartTime for Create.</td>
</tr>
<tr>
<td><strong>PipelineMode</strong></td>
<td>Sets the ManagedPipelineMode. Default is ManagedPipelineMode.Integrated.</td>
</tr>
<tr>
<td><strong>PoolIdentity</strong></td>
<td>Sets the user name associated with the security identity under which the application pool runs.</td>
</tr>
<tr>
<td><strong>QueueLength</strong></td>
<td>Sets the maximum number of requests to queue before rejecting additional requests. Default is 0. Set &gt; 0 to use. Set -1 to restore the Application Pool Default.</td>
</tr>
<tr>
<td><strong>RecycleInterval</strong></td>
<td>Sets the RecycleInterval in minutes for the application pool. Set -1 to restore the Application Pool Default.</td>
</tr>
<tr>
<td><strong>RecycleRequests</strong></td>
<td>Sets the fixed number of requests to recycle the application pool. Set -1 to restore the Application Pool Default.</td>
</tr>
<tr>
<td><strong>RecycleTimes</strong></td>
<td>Sets the times that the application pool should recycle. Format is 'hh:mm,hh:mm,hh:mm'. Set to &quot;-1&quot; to clear the RecycleTimes.</td>
</tr>
</tbody>
</table>
See Also

Iis7AppPool Class

TfsBuildExtensions.Activities.Web Namespace

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Namespace: TfsBuildExtensions.Activities.Web
Assembly: TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace
The `Iis7AppPool` type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>AutoStart</strong></td>
<td>Set whether the application pool should start automatically. Default is true.</td>
</tr>
<tr>
<td><strong>Enable32BitAppOnWin64</strong></td>
<td>Sets whether 32-bit applications are enabled on 64-bit processors. Default is false.</td>
</tr>
<tr>
<td><strong>Exists</strong></td>
<td>Gets whether the Application Pool exists</td>
</tr>
<tr>
<td><strong>Force</strong></td>
<td>Set to true to force the creation of an apppool, even if it exists.</td>
</tr>
<tr>
<td><strong>IdentityPassword</strong></td>
<td>Sets the password associated with the PoolIdentity property.</td>
</tr>
<tr>
<td><strong>IdentityType</strong></td>
<td>Sets the ProcessModelIdentityType. Default is LocalService</td>
</tr>
<tr>
<td><strong>IdleTimeout</strong></td>
<td>Sets a TimeSpan value in minutes for the period of time a process should remain idle. Set &gt; 0 to use. Set to -1 to restore the Application Pool Default.</td>
</tr>
<tr>
<td><strong>ManagedRuntimeVersion</strong></td>
<td>Sets the version number of the .NET Framework used by the application pool. Default is &quot;v2.0&quot;.</td>
</tr>
<tr>
<td><strong>MaxProcesses</strong></td>
<td>Sets the maximum number of worker processes allowed for the AppPool. Set to -1 to restore the Application Pool Default.</td>
</tr>
<tr>
<td><strong>Name</strong></td>
<td>Sets the name of the AppPool</td>
</tr>
<tr>
<td><strong>PeriodicRestartPrivateMemory</strong></td>
<td>Sets the private memory (kb) a process can use before the process is recycled. Default is 0. Set &gt; 0 to</td>
</tr>
<tr>
<td>Parameter</td>
<td>Description</td>
</tr>
<tr>
<td>--------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>PeriodicRestartTime</td>
<td>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 &gt; 0 to use. Set to -1 to restore the Application Pool Default for Modify or -1 to Disable Recycling.PeriodicRestartTime for Create</td>
</tr>
<tr>
<td>PipelineMode</td>
<td>Sets the ManagedPipelineMode. Default is ManagedPipelineMode.Integrated.</td>
</tr>
<tr>
<td>PoolIdentity</td>
<td>Sets the user name associated with the security identity under which the application pool runs.</td>
</tr>
<tr>
<td>QueueLength</td>
<td>Sets the maximum number of requests to queue before rejecting additional requests. Default is 0. Set &gt; 0 to use. Set to -1 to restore the Application Pool Default.</td>
</tr>
<tr>
<td>RecycleInterval</td>
<td>Sets the RecycleInterval in minutes for the application pool. Set to -1 to restore the Application Pool Default.</td>
</tr>
<tr>
<td>RecycleRequests</td>
<td>Sets the fixed number of requests to recycle the application pool. Set to -1 to restore the Application Pool Default.</td>
</tr>
<tr>
<td>RecycleTimes</td>
<td>Sets the times that the application pool should recycle. Format is 'hh:mm,hh:mm,hh:mm'. Set to &quot;-1&quot; to clear the RecycleTimes</td>
</tr>
</tbody>
</table>
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

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Iis7AppPool.Action Property

Specifies the action to perform

**Namespace:** TfsBuildExtensions.Activities.Web

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace
Iis7AppPool.AutoStart Property

```
Iis7AppPool Class See Also Send Feedback
```

Set whether the application pool should start automatically. Default is true.

**Namespace:** [TfsBuildExtensions.Activities.Web](#)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Sets whether 32-bit applications are enabled on 64-bit processors. Default is false.

**Namespace:** TfsBuildExtensions.Activities.Web

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

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Iis7AppPool.Exists Property

Gets whether the Application Pool exists

**Namespace:** [TfsBuildExtensions.Activities.Web](#)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

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Set to true to force the creation of an apppool, even if it exists.

**Namespace:** [TfsBuildExtensions.Activities.Web](#)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

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Sets the password associated with the PoolIdentity property.

**Namespace:** TfsBuildExtensions.Activities.Web  
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

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Sets the ProcessModelIdentityType. Default is LocalService

**Namespace:** [TfsBuildExtensions.Activities.Web](#)
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

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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:** TfsBuildExtensions.Activities.Web  
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

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Sets the version number of the .NET Framework used by the application pool. Default is "v2.0".

**Namespace:** TfsBuildExtensions.Activities.Web  
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace
Iis7AppPool.MaxProcesses Property

Sets the maximum number of worker processes allowed for the AppPool. Set to -1 to restore the Application Pool Default.

**Namespace:** TfsBuildExtensions.Activities.Web

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace
Sets the name of the AppPool

**Namespace:** [TfsBuildExtensions.Activities.Web](#)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

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Iis7AppPool.PeriodicRestartPrivateMemory Property

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:** TfsBuildExtensions.Activities.Web  
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll)  
Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

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Iis7AppPool.PeriodicRestartTime Property

**Iis7AppPool Class** See Also Send Feedback

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:** TfsBuildExtensions.Activities.Web

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Sets the ManagedPipelineMode. Default is ManagedPipelineMode.Integrated.

**Namespace:** TfsBuildExtensions.Activities.Web  
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

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Sets the user name associated with the security identity under which the application pool runs.

**Namespace:** [TfsBuildExtensions.Activities.Web](#)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

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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:** TfsBuildExtensions.Activities.Web

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

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Sets the RecycleInterval in minutes for the application pool. Set to -1 to restore the Application Pool Default.

**Namespace:**  [TfsBuildExtensions.Activities.Web](#)  
**Assembly:**  TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

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Iis7AppPool.RecycleRequests Property

Sets the fixed number of requests to recycle the application pool. Set to -1 to restore the Application Pool Default.

Namespace: TfsBuildExtensions.Activities.Web
Assembly: TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

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Sets the times that the application pool should recycle. Format is 'hh:mm,hh:mm,hh:mm'. Set to "-1" to clear the RecycleTimes

**Namespace:** TfsBuildExtensions.Activities.Web  
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7AppPool Class
TfsBuildExtensions.Activities.Web Namespace

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IIS7AppPoolAction Enumeration

Namespace: TfsBuildExtensions.Activities.Web
Assembly: TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
## Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CheckExists</td>
<td>0</td>
<td>CheckExists</td>
</tr>
<tr>
<td>Create</td>
<td>1</td>
<td>Create</td>
</tr>
<tr>
<td>Delete</td>
<td>2</td>
<td>Delete</td>
</tr>
<tr>
<td>Modify</td>
<td>3</td>
<td>Modify</td>
</tr>
<tr>
<td>Recycle</td>
<td>4</td>
<td>Recycle</td>
</tr>
<tr>
<td>SetIdentity</td>
<td>5</td>
<td>SetIdentity</td>
</tr>
<tr>
<td>SetPipelineMode</td>
<td>6</td>
<td>SetPipelineMode</td>
</tr>
<tr>
<td>Stop</td>
<td>7</td>
<td>Stop</td>
</tr>
<tr>
<td>Start</td>
<td>8</td>
<td>Start</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.Web Namespace

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Iis7Binding

**Namespace:** [TfsBuildExtensions.Activities.Web](#)

**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.Iis7Binding
See Also

Iis7Binding Members
TfsBuildExtensions.Activities.Web Namespace
The **Iis7Binding** type exposes the following members.
### Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iis7Binding</td>
<td></td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>BindingInformation</strong></td>
<td>String containing binding information.</td>
</tr>
<tr>
<td></td>
<td>Format: ip address:port:hostheader</td>
</tr>
<tr>
<td></td>
<td>Example: <em>:</em>;80;sample.example.com or <em>:</em>;443:</td>
</tr>
<tr>
<td><strong>CertificateHash</strong></td>
<td>If HTTPS is used, this is the certificate hash. This is the value of</td>
</tr>
<tr>
<td></td>
<td>&quot;thumbprint&quot; value of the certificate you want to use.</td>
</tr>
<tr>
<td></td>
<td>Format: hash encoded string. Hex symbols can be space or dash separated.</td>
</tr>
<tr>
<td></td>
<td>Example: 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a</td>
</tr>
<tr>
<td><strong>CertificateStoreName</strong></td>
<td>The name of the certificate store. Default is &quot;MY&quot; for the personal store</td>
</tr>
<tr>
<td><strong>Exists</strong></td>
<td>Gets whether the binding exists</td>
</tr>
<tr>
<td><strong>Name</strong></td>
<td>Sets the name of the Website</td>
</tr>
<tr>
<td><strong>Port</strong></td>
<td>Sets the port of the Binding to Modify</td>
</tr>
<tr>
<td><strong>PreviousBindingInformation</strong></td>
<td>Sets the PreviousBindingInformation to use when calling Modify</td>
</tr>
<tr>
<td><strong>PreviousBindingProtocol</strong></td>
<td>Sets the PreviousBindingProtocol to use when calling Modify</td>
</tr>
</tbody>
</table>
See Also

Iis7Binding Class
TfsBuildExtensions.Activities.Web Namespace

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Iis7Binding Constructor

Namespace: TfsBuildExtensions.Activities.Web
Assembly: TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Binding Class
TfsBuildExtensions.Activities.Web Namespace
The **Iis7Binding** type exposes the following members.
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>BindingInformation</strong></td>
<td>String containing binding information.</td>
</tr>
<tr>
<td></td>
<td>Format: ip address:port:hostheader</td>
</tr>
<tr>
<td></td>
<td>Example: *:80:sample.example.com or *:443:</td>
</tr>
<tr>
<td><strong>CertificateHash</strong></td>
<td>If HTTPS is used, this is the certificate hash. This is the value of</td>
</tr>
<tr>
<td></td>
<td>&quot;thumbprint&quot; value of the certificate you want to use.</td>
</tr>
<tr>
<td></td>
<td>Format: hash encoded string. Hex symbols can be space or dash separated.</td>
</tr>
<tr>
<td></td>
<td>Example: 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a</td>
</tr>
<tr>
<td><strong>CertificateStoreName</strong></td>
<td>The name of the certificate store. Default is &quot;MY&quot; for the personal store</td>
</tr>
<tr>
<td><strong>Exists</strong></td>
<td>Gets whether the binding exists</td>
</tr>
<tr>
<td><strong>Name</strong></td>
<td>Sets the name of the Website</td>
</tr>
<tr>
<td><strong>Port</strong></td>
<td>Sets the port of the Binding to Modify</td>
</tr>
<tr>
<td><strong>PreviousBindingInformation</strong></td>
<td>Sets the PreviousBindingInformation to use when calling Modify</td>
</tr>
<tr>
<td><strong>PreviousBindingProtocol</strong></td>
<td>Sets the PreviousBindingProtocol to use when calling Modify</td>
</tr>
</tbody>
</table>
See Also

Iis7Binding Class
TfsBuildExtensions.Activities.Web Namespace

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Specifies the action to perform

**Namespace:** [TfsBuildExtensions.Activities.Web](#)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Binding Class
TfsBuildExtensions.Activities.Web Namespace

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String containing binding information.

Format: ip address:port:hostname

Example: *:80:sample.example.com or *:443:

**Namespace:** TfsBuildExtensions.Activities.Web

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
Iis7Binding.BindingProtocol Property

Iis7Binding Class  See Also  Send Feedback


Namespace: TfsBuildExtensions.Activities.Web
Assembly: TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Binding Class
TfsBuildExtensions.Activities.Web Namespace
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 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a 0a

Namespace: TfsBuildExtensions.Activities.Web
Assembly: TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Binding Class
TfsBuildExtensions.Activities.Web Namespace

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The name of the certificate store. Default is "MY" for the personal store

**Namespace:** [TfsBuildExtensions.Activities.Web](#)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Binding Class
TfsBuildExtensions.Activities.Web Namespace

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Iis7Binding.Exists Property

Gets whether the binding exists

**Namespace:** TfsBuildExtensions.Activities.Web

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Binding Class
TfsBuildExtensions.Activities.Web Namespace

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Iis7Binding.Name Property

Sets the name of the Website

**Namespace:** [TfsBuildExtensions.Activities.Web](#)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Binding Class
TfsBuildExtensions.Activities.Web Namespace
Iis7Binding.Port Property

Sets the port of the Binding to Modify

**Namespace:** [TfsBuildExtensions.Activities.Web](#)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Binding Class
TfsBuildExtensions.Activities.Web Namespace

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Sets the PreviousBindingInformation to use when calling Modify

**Namespace:** [TfsBuildExtensions.Activities.Web](#)  
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll)  
Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Binding Class
TfsBuildExtensions.Activities.Web Namespace

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Sets the PreviousBindingProtocol to use when calling Modify

**Namespace:** TfsBuildExtensions.Activities.Web  
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll)  
Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Binding Class
TfsBuildExtensions.Activities.Web Namespace

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IIS7BindingAction

Namespace: TfsBuildExtensions.Activities.Web
Assembly: TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add</td>
<td>0</td>
<td>Add</td>
</tr>
<tr>
<td>CheckExists</td>
<td>1</td>
<td>CheckExists</td>
</tr>
<tr>
<td>Modify</td>
<td>2</td>
<td>Modify</td>
</tr>
<tr>
<td>Remove</td>
<td>3</td>
<td>Remove</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.Web Namespace

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Iis7Website Class

Namespace: TfsBuildExtensions.Activities.Web
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.Iis7Website
See Also

Iis7Website Members
TfsBuildExtensions.Activities.Web Namespace

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The **Iis7Website** type exposes the following members.
## Constructors

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iis7Website</td>
<td></td>
</tr>
</tbody>
</table>
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
<td>Specifies the action to perform</td>
</tr>
<tr>
<td><strong>ApplicationName</strong></td>
<td>Sets the Application Name</td>
</tr>
<tr>
<td><strong>ApplicationPath</strong></td>
<td>Sets the ApplicationPath</td>
</tr>
<tr>
<td><strong>ApplicationPhysicalPath</strong></td>
<td>Sets the ApplicationPhysicalPath</td>
</tr>
<tr>
<td><strong>AppPool</strong></td>
<td>Sets the app pool.</td>
</tr>
<tr>
<td><strong>EnabledProtocols</strong></td>
<td>Sets the Enabled Protocols for the website</td>
</tr>
<tr>
<td><strong>Exists</strong></td>
<td>Gets whether the website exists</td>
</tr>
<tr>
<td><strong>Force</strong></td>
<td>Set to true to force the creation of a website, even if it exists.</td>
</tr>
<tr>
<td><strong>Name</strong></td>
<td>Sets the name of the Website</td>
</tr>
<tr>
<td><strong>Path</strong></td>
<td>Sets the path.</td>
</tr>
<tr>
<td><strong>PhysicalPath</strong></td>
<td>Gets the site physical path. [Output]</td>
</tr>
<tr>
<td><strong>Port</strong></td>
<td>Sets the port.</td>
</tr>
<tr>
<td><strong>SiteId</strong></td>
<td>Gets the site id. [Output]</td>
</tr>
<tr>
<td><strong>VirtualDirectoryApplicationPath</strong></td>
<td>Sets the VirtualDirectoryApplicationPath</td>
</tr>
<tr>
<td><strong>VirtualDirectoryName</strong></td>
<td>Sets the VirtualDirectoryName</td>
</tr>
<tr>
<td><strong>VirtualDirectoryPhysicalPath</strong></td>
<td>Sets the ApplicationPath</td>
</tr>
</tbody>
</table>
See Also

Iis7Website Class
TfsBuildExtensions.Activities.Web Namespace

Copyright © http://tfsbuildextensions.codeplex.com/ All rights reserved.
Namespace: TfsBuildExtensions.Activities.Web
Assembly: TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Website Class
TfsBuildExtensions.Activities.Web Namespace

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The **Iis7Website** type exposes the following members.
### Properties

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Action</strong></td>
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<tr>
<td><strong>Path</strong></td>
<td>Sets the path.</td>
</tr>
<tr>
<td><strong>PhysicalPath</strong></td>
<td>Gets the site physical path. [Output]</td>
</tr>
<tr>
<td><strong>Port</strong></td>
<td>Sets the port.</td>
</tr>
<tr>
<td><strong>SiteId</strong></td>
<td>Gets the site id. [Output]</td>
</tr>
<tr>
<td><strong>VirtualDirectoryApplicationPath</strong></td>
<td>Sets the VirtualDirectoryApplicationPath</td>
</tr>
<tr>
<td><strong>VirtualDirectoryName</strong></td>
<td>Sets the VirtualDirectoryName</td>
</tr>
<tr>
<td><strong>VirtualDirectoryPhysicalPath</strong></td>
<td>Sets the ApplicationPath</td>
</tr>
</tbody>
</table>
See Also

Iis7Website Class
TfsBuildExtensions.Activities.Web Namespace

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Specifies the action to perform

**Namespace:** [TfsBuildExtensions.Activities.Web](#)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Website Class

TfsBuildExtensions.Activities.Web Namespace

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Sets the Application Name

**Namespace:** TfsBuildExtensions.Activities.Web  
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

Iis7Website Class
TfsBuildExtensions.Activities.Web Namespace

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Iis7Website.ApplicationPath Property

Sets the ApplicationPath

**Namespace:** TfsBuildExtensions.Activities.Web

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Website Class
TfsBuildExtensions.Activities.Web Namespace

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Sets the ApplicationPhysicalPath

**Namespace:** TfsBuildExtensions.Activities.Web  
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

- Iis7Website Class
- TfsBuildExtensions.Activities.Web Namespace

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Sets the app pool.

**Namespace:** [TfsBuildExtensions.Activities.Web](#)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

- Iis7Website Class
- TfsBuildExtensions.Activities.Web Namespace

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**Iis7Website.EnabledProtocols Property**

**Iis7Website Class**  
See Also  
Send Feedback

Sets the Enabled Protocols for the website

**Namespace:** [TfsBuildExtensions.Activities.Web](#)  
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Website Class
TfsBuildExtensions.Activities.Web Namespace

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Iis7Website.Exists Property

Gets whether the website exists

**Namespace:** TfsBuildExtensions.Activities.Web  
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll)  
**Version:** 1.0.0.0 (1.0.0.6)
See Also

Iis7Website Class
TfsBuildExtensions.Activities.Web Namespace

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Set to true to force the creation of a website, even if it exists.

**Namespace:** [TfsBuildExtensions.Activities.Web](#)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

- Iis7Website Class
- TfsBuildExtensions.Activities.Web Namespace

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Sets the name of the Website

**Namespace:** TfsBuildExtensions.Activities.Web  
**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll)  
Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Website Class
TfsBuildExtensions.Activities.Web Namespace
Sets the path.

**Namespace:** [TfsBuildExtensions.Activities.Web](https://example.com)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Website Class
TfsBuildExtensions.Activities.Web Namespace

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Iis7Website.PhysicalPath Property

Gets the site physical path. [Output]

Namespace: TfsBuildExtensions.Activities.Web
Assembly: TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Website Class
TfsBuildExtensions.Activities.Web Namespace
Iis7Website.Port Property

Sets the port.

**Namespace:** [TfsBuildExtensions.Activities.Web](#)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Website Class
TfsBuildExtensions.Activities.Web Namespace

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Iis7Website.SiteId Property

Gets the site id. [Output]

Namespace: TfsBuildExtensions.Activities.Web
Assembly: TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Website Class
TfsBuildExtensions.Activities.Web Namespace

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Sets the VirtualDirectoryApplicationPath

**Namespace:** [TfsBuildExtensions.Activities.Web](https://example.com)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Website Class
TfsBuildExtensions.Activities.Web Namespace

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Sets the VirtualDirectoryName

**Namespace:** [TfsBuildExtensions.Activities.Web](https://example.com)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Website Class
TfsBuildExtensions.Activities.Web Namespace

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Sets the ApplicationPath

**Namespace:** [TfsBuildExtensions.Activities.Web](#)

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
See Also

Iis7Website Class
TfsBuildExtensions.Activities.Web Namespace

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IIS7WebsiteAction Enumeration

**Namespace:** TfsBuildExtensions.Activities.Web

**Assembly:** TfsBuildExtensions.Activities.IIS7 (in TfsBuildExtensions.Activities.IIS7.dll) Version: 1.0.0.0 (1.0.0.6)
## Members

<table>
<thead>
<tr>
<th>Member name</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AddApplication</td>
<td>0</td>
<td>AddApplication</td>
</tr>
<tr>
<td>AddVirtualDirectory</td>
<td>1</td>
<td>AddVirtualDirectory</td>
</tr>
<tr>
<td>CheckExists</td>
<td>2</td>
<td>CheckExists</td>
</tr>
<tr>
<td>CheckVirtualDirectoryExists</td>
<td>3</td>
<td>CheckVirtualDirectoryExists</td>
</tr>
<tr>
<td>Create</td>
<td>4</td>
<td>Create</td>
</tr>
<tr>
<td>Delete</td>
<td>5</td>
<td>Delete</td>
</tr>
<tr>
<td>DeleteVirtualDirectory</td>
<td>6</td>
<td>DeleteVirtualDirectory</td>
</tr>
<tr>
<td>ModifyPath</td>
<td>7</td>
<td>ModifyPath</td>
</tr>
<tr>
<td>Start</td>
<td>8</td>
<td>Start</td>
</tr>
<tr>
<td>Stop</td>
<td>9</td>
<td>Stop</td>
</tr>
</tbody>
</table>
See Also

TfsBuildExtensions.Activities.Web Namespace

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