

The MSBuild Community Tasks Project

Mission

The MSBuild Community Tasks Project is an open source project for MSBuild tasks. The goal of the project is to provide a collection of open source tasks for MSBuild.

Join Project

Please join the MSBuild Community Tasks Project and help contribute in building the tasks.

<http://msbuildtasks.tigris.org/>

Current Community Tasks

Task	Description
AppPoolController	Allows control for an application pool on a local or remote machine with IIS installed.
AppPoolCreate	Creates a new application pool on a local or remote machine.
AppPoolDelete	Deletes an existing application pool on a local or remote machine.
AssemblyInfo	Generates an AssemblyInfo file using the attributes given.
Attrib	Changes the attributes of files and/or directories
ExecuteDDL	Executes SqlServer batch scripts.
FileUpdate	Replace text in file(s) using a Regular Expression.

FtpUpload	Uploads a file using File Transfer Protocol (FTP).
FxCop	Uses FxCop to analyze managed code assemblies and reports on their design best-practice compliance.
GetSolutionProjects	Returns a list of projects within a solution
InstallAspNet	Installs and register script mappings for ASP.NET
InstallAssembly	Uses InstallUtil.exe to execute the Install method on Installer classes within assemblies.
JSCompress	Compresses JavaScript source files by removing comments and unnecessary whitespace, which typically reduces the size by half and results in faster downloads and code that is harder to read.
Mail	Sends an email message.
Math.Add	Add numbers.
Math.Divide	Divide numbers.
Math.Modulo	Performs the modulo operation on numbers.
Math.Multiple	Multiple numbers.
Math.Subtract	Subtract numbers.
Move	Moves files on the filesystem to a new location.
NDoc	Runs NDoc to create documentation.
NUnit	Runs tests using the NUnit.
Prompt	Displays a message on the console and waits for user input.
RegexMatch	Filters an item group with a regular expression
RegexReplace	Replaces strings within items from an item group with a regular expression
RegistryRead	Reads a value from the Registry.

RegistryWrite	Writes a value to the Registry.
Script	Executes code contained within the task.
ServiceController	Task that can control a Windows service.
ServiceQuery	Task that can determine the status of a service.
Sleep	A task for sleeping for a specified period of time.
SqlExecute	Executes a SQL command
SvnCheckout	Checkout files from Subversion
SvnClient	Subversion Client
SvnCommit	Commit files to Subversion
SvnCopy	Copies a file or path within Subversion
SvnExport	Export files from Subversion
SvnInfo	Get Subversion information for a file or directory.
SvnUpdate	Update files from Subversion
SvnVersion	Get Subversion revision number of a local copy
TaskSchema	Generates a XSD schema of the MSBuild tasks in an assembly.
TemplateFile	Replaces tokens in a file.
TfsVersion	Determines the changeset in a local Team Foundation Server workspace (In progress)
Time	Gets the current date and time.
UninstallAssembly	Uses InstallUtil.exe to execute the Uninstall method on Installer classes within assemblies.
Unzip	Unzip a file to a target directory.
Version	Generates version information based on various algorithms
VssAdd	Adds files to a Visual SourceSafe database.
VssCheckin	Checks in files to a Visual SourceSafe database.

VssCheckout	Checks out files from a Visual SourceSafe database.
VssClean	Removes Visual SourceSafe binding information and status files from a Visual Studio solution tree.
VssDiff	Generates a diff between two versions of an item in a Visual SourceSafe database.
VssGet	Gets the latest version of a file or project from a Visual SourceSafe database.
VssHistory	Generates an XML file containing the history of an item in a Visual SourceSafe database between two dates or labels.
VssLabel	Labels an item in a Visual SourceSafe database.
VssUndoCheckout	Cancel a checkout of an item from a Visual SourceSafe database.
WebDirectoryCreate	Creates a new web directory on a local or remote machine.
WebDirectoryDelete	Deletes a web directory on a local or remote machine
WebDirectoryScriptMap	Sets an application mapping for a filename extension on an existing web directory.
WebDirectorySetting	Reads or modifies a configuration setting on an existing web directory
WebDownload	Downloads a resource with the specified URI to a local file.
Xml.XmlMassUpdate	Performs multiple updates on an XML file
Xml.XmlQuery	Reads a value or values from lines of XML
XmlRead	Reads a value from a XML document using a XPath.
XmlWrite	Updates a XML document using a

Xslt	XPath.
Zip	Merge and transform a set of xml files.
	Create a zip file with the files specified.

Getting Started

In order to use the tasks in this project, you need to import the MSBuild.Community.Tasks.Targets files. If you installed the project with the msi installer, you can use the following.

```
<Import
Project="$(MSBuildExtensionsPath)\MSBuildCommunityTasks\MSB
```

Related resources

- MSBuild Community Tasks - <http://msbuildtasks.tigris.org/>
- MSBuild Tasks - <http://msbuildtasks.com/default.aspx>
- MSBuild Team Blog - <http://blogs.msdn.com/msbuild/default.aspx>
- MSBuild Reference - <http://msdn2.microsoft.com/en-us/library/0k6kkbsd.aspx>

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