

NuGet Pack

The NuGet Pack build runner allows building a NuGet package from a given specification file. If you want to publish this package, add a [NuGet Publish](#) build step.

 NuGet Pack is only supported on build agents running Windows OS.

Configure the following options of the NuGet Pack runner:

Option	Description
NuGet.exe	Select a NuGet version to use from the drop-down list (if you have installed NuGet beforehand), or specify a custom path to <code>NuGet.exe</code> .  An appropriate version of .NET Framework installed on the agent machine is required depending on the NuGet.exe version used: NuGet 2.8.6+ requires .NET 4.5+, NuGet 2.5.x requires .NET 4.0.
Specification files	Enter path(s) to <code>csproj</code> or <code>nuspec</code> file(s). You can specify as many specification files here as you need. Wildcards are supported. If you specify here a <code>csproj</code> file, you won't have to redefine the version number and copyright information in the <code>spec</code> file.
Prefer project files to .nuspec	Check the box to use the project file (if exists, i.e. <code>.csproj</code> or <code>.vbproj</code>) for every matched <code>.nuspec</code> file.
Version	Specify the package version. Overrides the version number from the <code>nuspec</code> file. You can use the TeamCity variable <code>%build.number%</code> here.
Base Directory	Select an option from the drop down list to specify the directory where the files defined in the <code>nuspec</code> file are located (the directory against which the paths in <code><files></files></code> from <code>nuspec</code> are resolved, usually some bin directory). If Use explicit directory is set and the field is left blank, TeamCity will use the build checkout directory as the base directory.
Output Directory	Specify the path where the generated NuGet package is to be put.
Clean output directory	Check the box to clean the directory before packing.
Publish created packages to build artifacts	Check the box if you're using TeamCity as a NuGet repository to publish packages to the TeamCity's NuGet server and be able to use them as regular TeamCity artifacts.
Exclude files	Specify one or more wildcard patterns to exclude when creating a package. Equivalent to the NuGet.exe <code>-Exclude</code> argument.
Properties	Semicolon or new-line separated list of package creation properties. For example, to make a release build, you define here <code>Configuration=Release</code> .
Options	Create tool package - check the box to place the output files of the project to the tool folder. Include sources and symbols - check the box to create a package containing sources and symbols. When specified with a <code>nuspec</code> , it creates a regular NuGet package file and the corresponding symbols package (needed for publishing the sources to Symbolsource)
Command line parameters	Set additional command line parameters to be passed to <code>NuGet.exe</code> .

See also:

[Administrator's Guide: NuGet Installer](#) | [NuGet Publish](#)