TeamCity NUnit Test Launcher

TeamCity provides its own NUnit tests launcher that can be used from command line. The tests are run according to the passed parameters and, if the process is run inside the TeamCity build agent environment, the results are reported to the TeamCity agent.

> ⓘ Supported NUnit versions: 2.2.10, 2.4.1, 2.4.6, 2.4.7, 2.4.8, 2.5.0, 2.5.2, 2.5.3, 2.5.4, 2.5.5, 2.5.6, 2.5.7, 2.5.8, 2.5.9, 2.5.10, 2.6.0, 2.6.1, 2.6.2, 2.6.3. For NUnit 3.x, use the NUnit build runner since TeamCity 9.1.
> It is possible to have several versions of NUnit installed on an agent machine and use any of them in a build.

> ⚠
> - If you need to access the path to the TeamCity NUnit launcher from some process, you can add the `%system.teamcity.dotnet.nunitlauncher%` environment variable.
> - Values surrounded with "%" within custom scripts in the Commandline runner are treated as TeamCity references.

You can pass the following command line options to the TeamCity NUnit Test Launcher:

```
${teamcity.dotnet.nunitlauncher} <.NET Framework> <platform> <NUnit vers.>
[/category-include:<list>] [/category-exclude:<list>] [/addin:<list>] <assemblies to test>
```

Option	Description
<.NET Framework>	Version of .NET Framework to run tests. Acceptable values are v1.1, v2.0, v4.0 or ANY.
<platform>	Platform to run tests. Acceptable values are x86, x64 and MSIL. ⚠ For .NET Framework 1.1 only MSIL option is available.
<NUnit vers.>	Test framework to use. The value has to be specified in the following format: NUnit-<version>. ⓘ Supported NUnit versions: 2.2.10, 2.4.1, 2.4.6, 2.4.7, 2.4.8, 2.5.0, 2.5.2, 2.5.3, 2.5.4, 2.5.5, 2.5.6, 2.5.7, 2.5.8, 2.5.9, 2.5.10, 2.6.0, 2.6.1, 2.6.2, 2.6.3. Since TeamCity 9.1, NUnit 3.0 and above is also supported. 🛇 NUnit version 3.4.0 is not supported by the NUnit build runner due to a problem in NUnit. Only version 3.4.0 was affected, other NUnit 3.x versions work fine with TeamCity.
/category-include:<list>	The list of categories separated by ';' (optional).
/category-exclude:<list>	The list of categories separated by ';' (optional).
/addin:<list>	List of third-party NUnit addins to use (optional).
<assemblies to test>	List of assemblies paths separated by ';' or space.
/runAssemblies:processPerAssembly	Specify, if you want to run each assembly in a new process.

Examples

The following examples assume that the `teamcity.dotnet.nunitlauncher` property is set as system property on the Parameters page of the Build Configuration.

Run tests from an assembly:

```
%teamcity.dotnet.nunitlauncher% v2.0 x64 NUnit-2.2.10 Assembly.dll
```

Run tests from an assembly with NUnit categories filter

```
%teamcity.dotnet.nunitlauncher% v2.0 x64 NUnit-2.2.10 /category-include:C1 /category-exclude:C2
Assembly.dll
```

Run tests from assemblies:

```
%teamcity.dotnet.nunitlauncher% v2.0 x64 NUnit-2.5.0 /addin:Addin1.dll;Addin2.dll Assembly.dll
Assebly2.dll
```

```html
<div class="aui-message error">
<p class="title">
<span class="aui-icon icon-error"> </span>
The license could not be verified: License Certificate has expired!
</p>
</div>
```