

FxCop Runner Plugin

Plugin Information

View FxCop Runner [on the plugin site](#) for more information.

[FxCopCmd.exe](#) execute plugin.

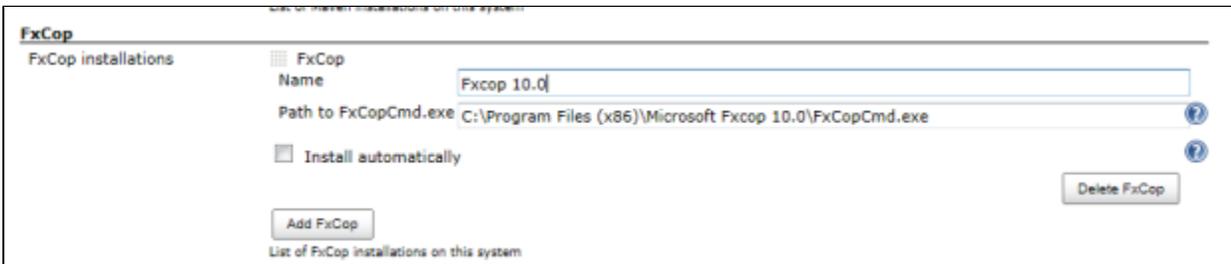
Description

[FxCopCmd.exe](#) execute plugin.

Output xml can be used to [Violations Plugin](#).

Configuration

System configuration



The screenshot shows the 'FxCop' configuration page in Jenkins. It features a table of FxCop installations. The first installation is named 'Fxcop 10.0' and its path is 'C:\Program Files (x86)\Microsoft Fxcop 10.0\FxCopCmd.exe'. There is an unchecked checkbox for 'Install automatically' and a 'Delete FxCop' button. At the bottom, there is an 'Add FxCop' button and a note: 'List of FxCop installations on this system'.

1. Open the system configuration page "Manage Jenkins->Configure system"
2. Enter the path to the FxCop command line client, that should be used by Jenkins.

- Example: **C:\Program Files (x86)\Microsoft Fxcop 10.0\FxCopCmd.exe**

Job configuration



The screenshot shows the 'Build' configuration page for the 'FxCop exec.' step. It includes the following fields: 'FxCop Name' (Fxcop 10.0), 'Assembly Files' (Sample.dll), 'Output XML' (fxcop_result.xml), 'RuleSet File' (custom.ruleset), 'IgnoreGeneratedCode' (checked), 'ForceOutput' (checked), 'Command Line Arguments' (empty), and 'Fail build on test failure' (unchecked). A 'Delete' button is located at the bottom right.

| name | description |
|---------------------|--|
| FxCop Name | Select FxCop. |
| Assembly Files | Assembly file(s) to analyze. You can specify multiple analyze assemblies by separating them with new-line or space. |
| Output XML | FxCop project or XML report output file. |
| RuleSet File | Rule set to be used for the analysis. |
| IgnoreGeneratedCode | Suppress analysis results against generated code. |
| ForceOutput | Write output XML and project files even in the case where no violations occurred. |

| | |
|----------------------------|--|
| Command Line Arguments | This is a whitespace separated list of command line arguments you can specify. |
| Fail build on test failure | Fail build on test failure |

Common Problems

FxCopCmd.exe can produce several warnings, and when it does, the build will be marked as unstable. Look in your console output for the fxcop output.

| Console output contains | Resolution |
|---|---|
| <pre>There were non-critical errors loading FxCop project: * Could not import all messages. * End of project load errors.</pre> | <p>This can happen if you are using an FxCop project file with some of the default settings.</p> <ul style="list-style-type: none"> • Open your project in FxCop • Choose Project -> Project Options • Under Save Messages and next to Project uncheck the Active checkbox • click OK <p>See also: "Could not import all messages." error supression</p> |
| <pre>NOTE: One or more referenced assemblies could not be found. Use the '/directory' or '/reference' switch to specify additional assembly reference search paths.</pre> | <p>FxCop can't find the assemblies you reference. Two possible solutions:</p> <ul style="list-style-type: none"> • add the /gac flag to FxCop • change the FxCopCmd.exe.config file to use a more forgiving assembly matching strategy <ul style="list-style-type: none"> • Open FxCopCmd.exe.config and change AssemblyReferenceResolveMode from StrongName to StrongNameIgnoringVersion • the location of FxCopCmd.exe.config depends on your installation, and may require administrator permission to edit <p>See also: changing FxCopCmd.exe.config</p> |

Changelog

Version 1.1 (02/28/2013)

- add forceOutput field.

Version 1.0 (02/26/2013)

- Initial release