

NCover 3 Action



The NCover 3 action in Continuum is a wrapper around the NCover.Console command line. If you're having trouble using the NCover 3 action, please refer to the [Command Line Reference](#).

The NCover 3 action can be utilized to execute an application, Windows Service, or IIS application and gather coverage data from the execution.

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Required Field

NameNCover 3 []

☒ Enabled

Profiling TargetApplication

Application to Profile\$Workspace\$\myApplication.exe

The path of the application to profile.

Application Arguments

A list of arguments to pass to your application. ie. unit test assemblies.

Working Folder\$Source.MyRepository\$\bin\

Your application assemblies working folder. [//working-directory]

Settings File\$Source.MyRepository\$\tests\settingsfile.xml

Set coverage settings based on a settings file. [//read-settings-file]

Output File\$Workspace\$\Output\coverage.xml

The path and file name of your coverage output file. [//xml]

UsingNCover.Console.x86

Validate

Save

Cancel

Help

Name

A friendly name for this action (will be displayed in the [actions workflow area](#)).

Enabled

Determines if this action will be run within the relevant stage.

The setting for the NCover action changes depending on the Profiling Target you select.

Profiling Target: Application

Application to profile

The path of the application to profile.

Application arguments

A list of arguments to pass to your application. Eg. unit test assemblies.

Working folder

Sets the working directory of the application NCover starts. [//working-directory]

Profiling Target: IIS [//iis]

Profiling Target: Service [//service]

Service Name

Service name to profile

Settings file

Set coverage settings based on a settings file. [//read-settings-file]

Output file

Outputs coverage data to a file other than the default. [//xml]

Using

The Using drop down is populated with any property collector whose namespace matches the pattern defined by the NCover action. The pattern for this action is `^NCover\.Console.*`

If you create a property collector for this action, make sure you select the **Path Finder Plugin** type and give it a name that will match the pattern above in blue. Example names listed [here](#), search the table's Plugin column for "NCover".

For more in-depth explanations on property collectors see [Property Collectors](#).

Alternatively, you can select the **Custom** option from the Using drop down list and specify a path in the resulting input field that will be displayed. Please read [Why it's a good idea to use a property collector](#) before using this option.

Options

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Options

Environment

Comments

Timeout (in seconds)

0

How long to wait for the action to finish running before timing out. Leaving this blank (or zero) will default to 86400 seconds (24 hours).

☐ Treat failure as warning
Tick to continue build on failure marking the action with a warning status.

☐ Ignore warnings

Validate

Save

Cancel

Help

Timeout (in seconds)

How long to wait for the action to finish running before timing out. Leaving this blank (or zero) will default to 86400 seconds (24 hours).

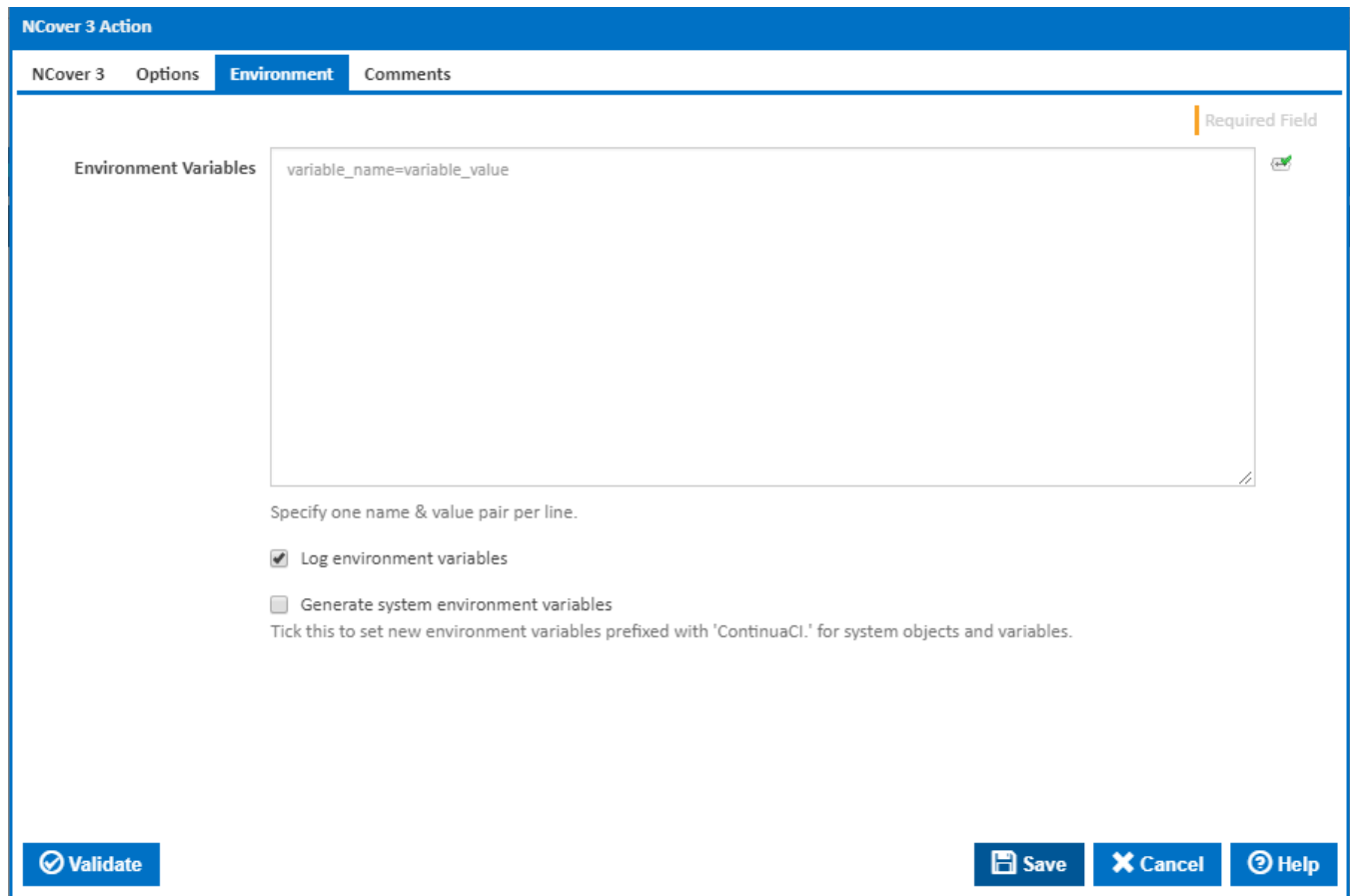
Treat failure as warning

Tick to continue build on failure marking the action with a warning status.

Ignore warnings

If this is ticked, any warnings logged will not mark the action with a warning status.

Environment



The screenshot shows the 'NCover 3 Action' window with the 'Environment' tab selected. The 'Environment Variables' section contains a text area with the placeholder 'variable_name=variable_value' and a 'Required Field' indicator. Below the text area, there are two checkboxes: 'Log environment variables' (checked) and 'Generate system environment variables' (unchecked). A note below the second checkbox states: 'Tick this to set new environment variables prefixed with 'ContinuaCI.' for system objects and variables.' At the bottom, there are three buttons: 'Validate', 'Save', and 'Cancel', along with a 'Help' icon.

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Environment

Environment Variables

variable_name=variable_value

Required Field

Specify one name & value pair per line.

☒ Log environment variables

☐ Generate system environment variables

Tick this to set new environment variables prefixed with 'ContinuaCI.' for system objects and variables.

Environment Variables

Multiple environment variables can be defined - one per line. These are set before the command line is run.

Log environment variables

If this is ticked, environment variable values are written to the build log.

Generate system environment variables

Tick this checkbox to set up a list of new environment variables prefixed with 'ContinuaCI.' for all current system expression objects and variables.

Mask sensitive variable values in system environment variables

This checkbox is visible only if the 'Generate system environment variables' checkbox is ticked.

If this is ticked, the values of any variables marked as sensitive will be masked with **** when setting system environment variables. Clear this to expose the values.