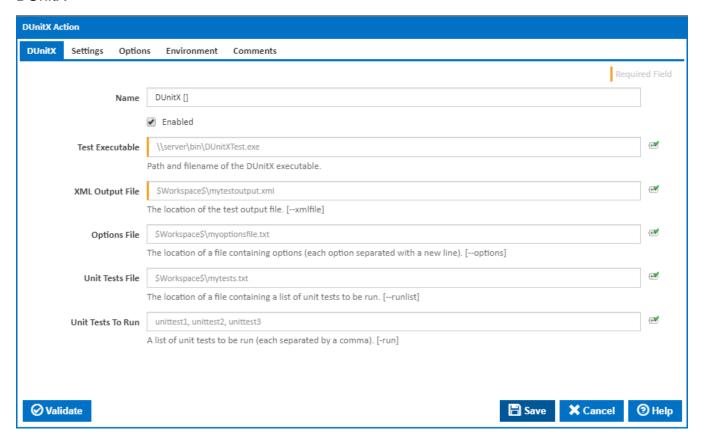# DUnitX Action

> ⓘ This action expects that DUnitX test executables will output NUnit compatible XML. DUnitX generates NUnit compatible XML using TDUnitXXML NUnitLogger in DUnitX.Loggers.XML.NUnit.pas

DUnitX

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.

Test Executable

Enter the path and file name of the executable you want to test.

XML Output Report

Enter the path and file name of where you want the test output to go. This should be located somewhere in the build workspace.

Options File

Enter the path and file name of a file containing command line options.

Adds the parameter -opt to the DUnitX command line.

Unit Tests File

Enter the path and file name of a file containing a list of unit tests to be run.
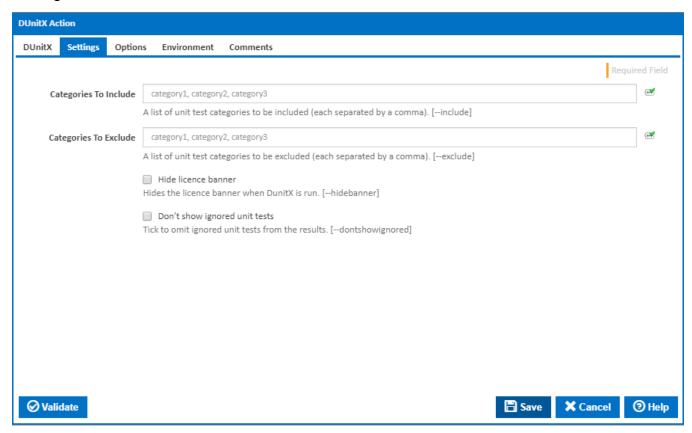
Adds the parameter -rl to the DUnitX command line.

Unit Tests To Run

A list of unit tests to be run (each separated by a comma).

Adds the parameter -r to the DUnitX command line.

Settings

Categories To Include

A list of unit test categories to be included (each separated by a comma).

Adds the parameter -i to the DUnitX command line.

Categories To Exclude

A list of unit test categories to be excluded (each separated by a comma).

Adds the parameter -e to the DUnitX command line.

Hide licence banner

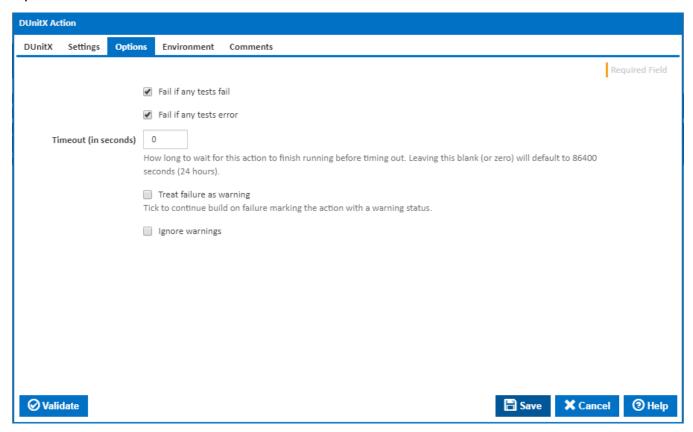Tick to hide the licence banner when DUnitX is run.

Adds the parameter -b to the DUnitX command line.

Don't show ignored unit tests

Tick to omit ignored unit tests from the results.

Adds the parameter -dsl to the DUnitX command line.

Options

Fail if any tests fail

If any tests fail the build will be stopped and marked as a failure. Untick this option to continue the build when tests fail.

Fail if any tests error

If any tests error the build will be stopped and marked as an error. Untick this option to continue the build when tests error.

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).
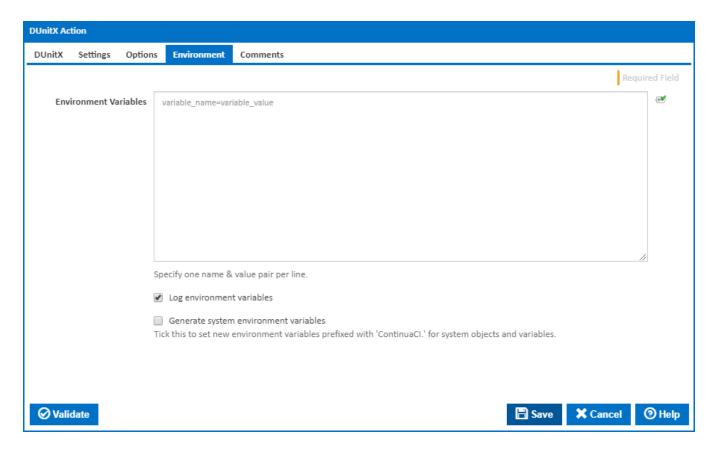
Treat failure as warning

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

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.