

ReportGenerator Action

 The Report Generator action in Continua is a wrapper around the reportgenerator.exe command line. If you're having trouble using the Report Generator action, please refer to the [Command Line Reference](#).

ReportGenerator converts XML reports generated by PartCover, OpenCover or NCover into a readable report in various formats.

ReportGenerator

ReportGenerator Action

ReportGenerator

Filters

Options

Environment

Comments

Required Field

Name

ReportGenerator []

☒ Enabled

Reports

\$Workspace\$\output\codeCoverage.xml

The coverage reports that should be parsed. Wildcards are allowed. [-reports]

Target Directory

\$Workspace\$\output\

The directory where the generated report should be saved. [-targetdir]

Report Types

☐ HTML ☐ HTML summary ☐ XML ☐ XML summary ☐ LaTeX ☐ LaTeX Summary ☐ Text summary ☐ Badges ☐ PNG chart ☐ CSV summary

The output formats and scope. [-reporttypes]

Using

ReportGenerator.Default

☒ Validate

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.

Reports

The coverage reports that should be parsed. Wildcards are allowed. [-reports:]

Target Directory

The directory where the generated report should be saved [-targetdir:]

Report Types

The types of reports that should be generated. [-reporttypes:]

Using

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

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 "**ReportGenerator**".

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.

Filters

The screenshot shows the 'ReportGenerator Action' dialog with the 'Filters' tab selected. The dialog has four tabs: 'ReportGenerator', 'Filters', 'Options', 'Environment', and 'Comments'. The 'Filters' tab contains two text input fields. The first is labeled 'Assembly Filters' and contains the text '+*'. Below it is a description: 'List of assemblies that should be included (+) or excluded (-) in the report. [-assemblyfilters]'. The second is labeled 'Class Filters' and also contains '+*'. Below it is a description: 'List of classes that should be included (+) or excluded (-) in the report. [-classfilters]'. Both input fields have a '?' icon and a green checkmark icon to their right. At the top right of the dialog, there is a 'Required Field' indicator. At the bottom, there are three buttons: 'Validate' (with a checkmark icon), 'Save' (with a floppy disk icon), 'Cancel' (with an 'X' icon), and 'Help' (with a question mark icon).

Filters

List of assemblies that should be included or excluded in the report.

- **Assembly Filters:** [-assemblyfilters:]
- **Class Filters:** [-classfilters:]

Exclusion filters take precedence over inclusion filters. Wildcards are allowed.

Each filter should begin on a new line.

The following are some examples of the filters format:

+myClass

+myClass.myMethod

-myClass

-.myMethod

+myClass.*

Options

ReportGenerator Action

ReportGenerator

Filters

Options

Environment

Comments

Source Directories

\$Workspace\$\output\source

Directories which contain the corresponding source code.

History Directory

Optional directory for storing persistent coverage information. Can be used in future reports to show coverage evolution.
[-historydir]

Verbosity

Verbose

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

Source Directories

The directories which contain the corresponding source code. [-searchdirs:]

These are used if the coverage report contains classes without path information.

History Directory

Optional directory for storing persistent coverage information. Can be used in future reports to show coverage evolution. [-historydir:]

Verbosity

The amount of information detail to display in the build log. [-verbosity:]

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

ReportGenerator Action

ReportGenerator

Filters

Options

Environment

Comments

Environment Variables

Required Field

variable_name=variable_value

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.

Validate

Save

Cancel

Help

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.