

FinalBuilder Action



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

FinalBuilder

FinalBuilder Action

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Name Required Field

Enabled

Project File ...

The path and file name of the FinalBuilder project file. It's highly recommended that your FinalBuilder project file is stored in a repository that is connected to this Configuration.

Validate FinalBuilder project before running. [-validate]

Targets ...

A list of Targets to run from the FinalBuilder project. Leaving this blank will cause the Default Target to be used. Separate targets by a semicolon. [-targets]

Log Export File ...

Path to file for exporting the FinalBuilder log at the end of the build. The format of the log file will be determined by the file extension. Valid file extensions are .xml, .html or .txt. [-exportlog]

Using

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.

Project File

The path and file name of the FinalBuilder project file. **It's highly recommended** you put your project file in a repository and assign that repository to the Configuration. The reason for doing this is that the project file needs to be made available on the agent where the stage/action runs.

Validate FinalBuilder project before running

Ticking this sends the -vp parameter to FinalBuilder to validate the project file before execution.

Targets

List of project targets to run. Multiple targets can be separated with semi-colons. Leave blank to run the default project target. [-targets:]

Log Export File

Path to a file to export the FinalBuilder log to. The format of the log file is determined by the file extension. Valid file extensions are .xml, .html and .txt. [-exportlog]

Using

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

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 "FinalBuilder".

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.

Variables

The screenshot shows the 'FinalBuilder Action' configuration window with the 'Variables' tab selected. The window has a blue header and a white body. At the top right, there is a 'Required Field' indicator. Below the header, there are four tabs: 'FinalBuilder', 'Variables', 'Options', 'Environment', and 'Comments'. The 'Variables' tab is active. There are two checkboxes: the first is 'Automatically apply Continua CI variable values to matching FinalBuilder variables.' with a note below it: 'Note that any variables specified below will override values that are set automatically.' The second checkbox is 'Save sensitive variable values to context XML file for use by FinalBuilder.' with a help icon. Below these is a text area labeled 'Variables' containing the text 'variable_name=variable_value'. At the bottom of the text area is a small icon of a green checkmark. Below the text area is the text 'A list of variable values to pass to the FinalBuilder command line. [-variables]'. At the bottom of the window are three buttons: 'Validate', 'Save', and 'Cancel', and a 'Help' icon.

Automatically apply Continua CI variable values to matching FinalBuilder variables.

Tick this to automatically set any FinalBuilder variable to the value of any Continua CI build variables with the same name.

Save sensitive variable values to context XML file for use by FinalBuilder.

Tick this to write all variables to an XML file which is read by FinalBuilder and then deleted. By default the values for variables marked as sensitive are masked with asterisks. If this option is ticked then all variable values are stored as plain text.

Variables

Enter a list of variables to pass to FinalBuilder. [-variables:]

The input field takes variables in the format: **name=value**. Some general values that you might want to pass in include:

```
WORKSPACE=$Workspace$
SOURCE=$Source.<my_repository>\$Source
OUTPUT_FOLDER=$Workspace$\Output
MAJOR_VERSION=$Build.Version.Default.Major$
MINOR_VERSION=$Build.Version.Default.Minor$
RELEASE_VERSION=$Build.Version.Default.Revision$
BUILD_VERSION=$Build.Version.Default.Build$
```

Not that values set here will override any values that are set automatically.

Options

FinalBuilder Action

FinalBuilder Variables **Options** Environment Comments

Timeout (in seconds) Required Field

How long to wait for the FinalBuilder project 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

Timeout (in seconds)

How long to wait for the FinalBuilder project 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

FinalBuilder Action

FinalBuilder Variables 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.

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.