


# NPM Run Action

 The NPM actions in Continua are a wrapper around the *npm* command line. If you're having trouble using any of the NPM actions, please refer to the [Command Line Reference](#). This action runs the "npm run-script" command.

The NPM Run action is used to run commands defined in the scripts section of a *package.json* file.

## NPM Run

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Comments

Name

NPM Run [ ]

Required Field

☒

Enabled

Working Folder

SWorkspace\Source\npm-project\

Command

build

Name of the script command to run.

Command Arguments

Arguments to pass to the script command. [--]

Using

NPM.Default

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.

### Working Directory

The path where the package is located. Relative paths will be anchored to the workspace folder.

### Command

Name of the script command to run. This should match the name defined in the *scripts* section of the *package.json* file.

### Command Arguments

Optional list of arguments to pass to the command. [--]

### Using

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

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 "NPM Update".

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.

## Configuration

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Required Field

Configuration File

Content

registry=https://registry.npmjs.org/  
@myco:registry=http://reg.example.com

Enter text to write to the NPM configuration file (.npmrc).

Validate

Save

Cancel

Help

### Configuration File Content

Allows for setting any configuration option for NPM. This is useful for defining registry scopes or any specific system settings that are required for NPM. For information on what options are available and the values that they support please refer to the *npmrc* help.

The configuration file that is written is project specific and will be saved to the target directory specified in the action. This will override any other options specified in the user, and system NPM configuration files on the agent.

## Settings

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Comments

Required Field

Script Shell

SAgent.Bash.Default.Path\$

Path to the shell to use to run the script. Leave blank to use the default 'cmd.exe'. [script-shell]

☐

Run script only if present

With this option ticked, the action will not fail is the named script is missing. [--if-present]

☐

Ignore pre- and post-scripts

Tick to skip running any pre- and post-scripts defined. [--ignore-scripts]

Validate

Save

Cancel

Help

### Script Shell

The path to the shell to use to run the script command. This defaults to "cmd.exe" if left empty.

### Run script only if present

If this is ticked, the action will not fail when the a script command is not defined in the *scripts* section of the *package.json* file.

### Ignore pre- and post-scripts

If this is ticked, any pre- or post-scripts defined in the *scripts* section of the *package.json* file will not be run.

## Options

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Required Field

☒ Log standard output

☐ Verbose logging [--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

### Log standard output

If this is ticked, the command line output is written to the build log.

### Verbose logging

Tick this to pass the --verbose argument to get more detailed output from the NPM command line. [--verbose]

### 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

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Environment

Comments

Required Field

Environment Variables

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.

Process Output Encoding. Use to override the default output character encoding for your agent when running the command process.

Encoding Name

UTF8

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.