

# Bower Install Action



The Bower actions in Continua are a wrapper around the bower command line. If you're having trouble using any of the Bower actions, please refer to the [Bower Command Line Reference](#).

The Bower Install action is used to install Bower packages to the workspace.

## Bower Install

**Bower Install Action**

**Bower Install** Settings Options Environment Comments

Required Field

Name

Bower Install []

☒ Enabled

Target Directory

\$Workspace\$\MyApp

Path where the package is be installed.

Endpoints

packagename

List of packages endpoints - one per line. e.g. <package>, <package>#<version>, <name>=<package>#<version> where <package> is a package URL, physical location or registry name, <version> is a valid range, commit, branch, etc., <name> is the name it should have locally. See bower documentation for further information.

Using

Bower.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.

### Target Directory

Where to install the package. Relative paths will be anchored to the workspace folder.

### Endpoints

A list of package endpoints specified one per line.

Endpoints can have multiple forms:

- <package>
- <package>#<version>
- <name>=<package>#<version>

Where:

- <package> is a package URL, physical location or registry name
- <version> is a valid range, commit, branch, etc.
- <name> is the name it should have locally.

<package> can be any one of the following:

|                                |  |
|--------------------------------|--|
| Registered package name        | jquery<br>normalize.css  |
| Git endpoint                   | <a href="https://github.com/user/package.git">https://github.com/user/package.git</a><br><a href="git@github.com:user/package.git">git@github.com:user/package.git</a>   |
| Git endpoint without .git      | git+ <a href="https://github.com/user/package">https://github.com/user/package</a><br>git+ <a href="ssh://git@github.com/user/package">ssh://git@github.com/user/package</a>   |
| Local folder                   | my/local/folder/   |
| Public Subversion endpoint     | svn+ <a href="http://package.googlecode.com/svn/">http://package.googlecode.com/svn/</a>   |
| Private Subversion endpoint    | svn+ <a href="ssh://package.googlecode.com/svn/">ssh://package.googlecode.com/svn/</a><br>svn+ <a href="https://package.googlecode.com/svn/">https://package.googlecode.com/svn/</a>   |
| Shorthand (defaults to GitHub) | user/package   |
| URL                            | <a href="http://example.com/script.js">http://example.com/script.js</a><br><a href="http://example.com/style.css">http://example.com/style.css</a><br><a href="http://example.com/package.zip">http://example.com/package.zip</a> (contents will be extracted)<br><a href="http://example.com/package.tar">http://example.com/package.tar</a> (contents will be extracted) |

A version can be:

|                     |   |
|---------------------|---|
| semver version      | #1.2.3                                      |
| version range       | #1.2<br>#~1.2.3<br>#^1.2.3<br>#>=1.2.3 <2.0 |
| Git tag             | #<tag>                                      |
| Git commit SHA      | #<sha>                                      |
| Git branch          | #<branch>                                   |
| Subversion revision | #<revision>                                 |

## Using

The Using drop down is populated with any property collector whose namespace matches the pattern defined by the Bower Install action. The pattern for this action is [^Bower.\\*](#)

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 "Bower Install".

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.

## Settings

Bower Install Action

Bower Install

Settings

Options

Environment

Comments

Required Field

☐ Save dependency

Save installed packages into the project's bower.json dependencies. [--save]

☐ Save development dependency

Save installed packages into the project's bower.json devDependencies. [--save-dev]

☐ Save exact

Configure installed packages with an exact version rather than semvers. [--save-exact]

☐ Production mode

Tick if you do not wish to update devDependencies. [--production]

☐ Force latest

Force an update to the latest version if there is a conflict. [--force-latest]

Validate

Save

Cancel

Help

### Save dependency

Save installed packages into the project's bower.json dependencies. [--save]

### Save development dependency

Save installed packages into the project's bower.json devDependencies. [--save-dev]

### Save exact

Configure installed packages with an exact version rather than semvers. [--save-exact]

### Production mode

Tick if you do not wish to update devDependencies. [--production]

### Force latest

Force an update to the latest version if there is a conflict. [--force-latest]

## Options

Bower Install Action

Bower Install

Settings

Options

Environment

Comments

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

Tick to log the Bower output to the build log.

### Verbose logging

Tick to log a more verbose Bower output. [--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

**Bower Install Action**

Bower Install

Settings

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.