

# 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](#)

**Name**  Required Field

**Enabled**

**Target Directory**

Path where the package is be installed.

**Endpoints**

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**

**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 normalize.css
Git endpoint	<a href="https://github.com/user/package.git">https://github.com/user/package.git</a> <a href="git@github.com:user/package.git">git@github.com:user/package.git</a>
Git endpoint without .git	<a href="git+https://github.com/user/package">git+https://github.com/user/package</a> <a href="git+ssh://git@github.com/user/package">git+ssh://git@github.com/user/package</a>
Local folder	my/local/folder/
Public Subversion endpoint	<a href="svn+http://package.googlecode.com/svn/">svn+http://package.googlecode.com/svn/</a>
Private Subversion endpoint	<a href="svn+ssh://package.googlecode.com/svn/">svn+ssh://package.googlecode.com/svn/</a> <a href="svn+https://package.googlecode.com/svn/">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> <a href="http://example.com/style.css">http://example.com/style.css</a> <a href="http://example.com/package.zip">http://example.com/package.zip</a> (contents will be extracted) <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 #+1.2.3 #^1.2.3 #=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)**  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

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.

**Validate**   **Save**   **Cancel**   **Help**

The screenshot shows the 'Environment' tab of a 'Bower Install Action' configuration page. At the top, there are tabs for 'Bower Install', 'Settings', 'Options', 'Environment' (which is selected and highlighted in blue), and 'Comments'. A 'Required Field' indicator is shown on the right. Below the tabs is a section titled 'Environment Variables' containing a text input field with the placeholder 'variable\_name=variable\_value'. A note below the field says 'Specify one name & value pair per line.' There are two checkboxes: one checked ('Log environment variables') and one unchecked ('Generate system environment variables'). A note next to the unchecked checkbox says 'Tick this to set new environment variables prefixed with 'ContinuaCI.' for system objects and variables.' At the bottom are buttons for 'Validate', 'Save', 'Cancel', and '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.