



# Bower

## A package manager for the web

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[!\[\]\(19d44b37fb4fa155bf9d60c77a3d3cb2\_img.jpg\) Bower on GitHub](#)[!\[\]\(5a351309c3b87e4420622c1f0e57efc0\_img.jpg\) @bower](#)[!\[\]\(bff896c19919791b89ab521f039b410a\_img.jpg\) Get support on discord](#)[!\[\]\(23a2e9ddc7bb0ef55393d38b772a848d\_img.jpg\) Support on Bountysource](#)

Web sites are made of lots of things — frameworks, libraries, assets, and utilities. Bower manages all these things for you.

Keeping track of all these packages and making sure they are up to date (or set to the specific versions you need) is tricky. Bower to the rescue!

Bower can manage components that contain HTML, CSS, JavaScript, fonts or even image files. Bower doesn't concatenate or minify code or do anything else - it just installs the right versions of the packages you need and their dependencies.

To [get started](#), Bower works by fetching and installing [packages](#) from all over, taking care of hunting, finding, downloading, and saving the stuff you're looking for. Bower keeps track of these packages in a manifest file, [bower.json](#). How you use [packages](#) is up to you. Bower provides hooks to facilitate using packages in your [tools and workflows](#).

Bower is optimized for the front-end. If multiple packages depend on a package - jQuery for example - Bower will download jQuery just

once. This is known as a flat dependency graph and it helps reduce page load.

## Install Bower

Bower is a command line utility. Install it with npm.

```
$ npm install -g bower
```

Bower requires [node](#), [npm](#) and [git](#).

Latest release: npm v1.8.0

For troubleshooting installation on different platforms, read the [troubleshooting](#) wiki page.

## Getting started

### Install packages

Install packages with [bower install](#). Bower installs packages to `bower_components/`.

```
$ bower install <package>
```

A package can be a GitHub shorthand, a Git endpoint, a URL, and more. Read more about [bower install](#).

```
# installs the project dependencies  
# listed in bower.json  
$ bower install  
# registered package  
$ bower install jquery  
# GitHub shorthand
```

```
$ bower install desandro/masonry
# Git endpoint
$ bower install
git://github.com/user/package.git
# URL
$ bower install
http://example.com/script.js
```

## Search packages

[Search Bower packages](#) and find the registered package names for your favorite projects.

## Save packages

Create a `bower.json` file for your package with `bower init`.

Then save new dependencies to your `bower.json` with `bower install PACKAGE --save`


## Use packages

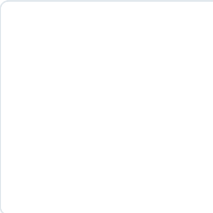
How you use packages is up to you. We recommend you use Bower together with [Grunt](#), [RequireJS](#), [Yeoman](#), and [lots of other tools](#) or build your own workflow with [the API](#). You can also use the installed packages directly, like this, in the case of `jquery`:

```
<script
src="bower_components/jquery/dist/jquery.
</script>
```


## Twitter updates from @bower

# Tweets by @bower

 **Bower** @bower  
We want to migrate Bower Registry to GitHub:  
[github.com/bower/bower/is...](https://github.com/bower/bower/issues) Even better, the MVP  
is live, you can try it:  
[github.com/bower/componen...](https://github.com/bower/components)

	<b>bower/components</b> Registry of bower components. Contribute to components development by creating an account on GitHub. <a href="https://github.com">github.com</a>
---	--

08 Nov

 **Bower** @bower  
We release Bower 1.8.0 with multiple fixes and few improvements. Big thanks for our contributors!  
[github.com/bower/bower/re...](https://github.com/bower/bower/releases)

	<b>bower/bower</b> A package manager for the web. Contribute to bower development by creating an account on GitHub.
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