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Browserify lets you require('modules') in the browser by bundling up all of your dependencies.

```
Install Documentation Help + Articles Sweet Demos
```

### Install

## use Browserify from the Command Line

```
First install <u>node</u>, which ships with <u>npm</u>. Then do: npm install -g browserify
```

# **Hello World With Browserify**

# Bundle up your first module

Browsers don't have the require method defined, but Node.js does. With Browserify you can write code that uses require in the same way that you would use it in Node.

Here is a tutorial on how to use Browserify on the command line to bundle up a simple file called main.js along with all of its dependencies:

```
main.js
var unique = require('uniq');
var data = [1, 2, 2, 3, 4, 5, 5, 5, 6];
console.log(unique(data));
Install the uniq module with npm:
npm install uniq
```

Now recursively bundle up all the required modules starting at main.js into a single file called bundle.js with the browserify command:

```
browserify main.js -o bundle.js
```

Browserify parses the <u>AST</u> for require() calls to traverse the entire dependency graph of your project. Drop a single <script> tag into your html and you're done!

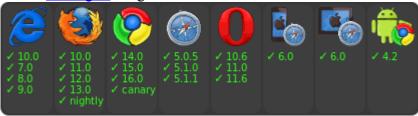
http://browserify.org/

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<script src="bundle.js"></script>

#### **More**

- Read the Browserify Handbook
- Use many of the tens of thousands of modules on NPM in the browser
- Use watchify, a browserify compatible caching bundler, for super-fast bundle rebuilds as you develop.
- Use --debug when creating bundles to have Browserify automatically include Source Maps for easy debugging.
- Check out tools like <u>Beefy</u> or <u>run-browser</u> which make automating browserify development easier.
- process.nextTick(), dirname, and filename node-isms work
- Get browser versions of the node core libraries <u>events</u>, <u>stream</u>, <u>path</u>, <u>url</u>, <u>assert</u>, <u>buffer</u>, <u>util</u>, <u>querystring</u>, <u>http</u>, <u>vm</u>, and <u>crvpto</u> when you require() them
- Test your modules in all the browsers with <u>testling-ci</u>. Many modules known to work with browserify will have a <u>testling-ci</u> badge:



### **Community**

Join irc.freenode.net/#browserify for help, or tweet <a href="mailto:@browserify">@browserify</a>.

## Who Uses Browserify

# here are some things people have said

At Mapbox we build our website and JavaScript API with Browserify. It makes the structure and modularity of our code rock. - tmcw, developer at Mapbox.

Browserify does exactly what it says it does and it does it well. I'm glad it exists. - <u>zpao</u>, developer on the <u>React</u> team at Facebook (React uses Browserify).

Browserify radically sped up builds, simplified builds and encouraged modularity. - <u>terinjokes</u>, developer at CloudFlare.

View more at the **Browserify** in the wild page.



This website is open source and you can fork it on GitHub. CSS was originally forked from the-gss.

http://browserify.org/