

A modern JavaScript utility library delivering modularity, performance & extras.

```
_.defaults({ 'a': 1 }, { 'a': 3, 'b': 2 });

// → { 'a': 1, 'b': 2 }
_.partition([1, 2, 3, 4], n => n % 2);

// → [[1, 3], [2, 4]]
```

### Download

- ♣ Core build (~4kB gzipped)
- ♣ Full build (~24kB gzipped)
- % CDN copies

Lodash is released under the MIT license & supports modern environments. Review the build differences & pick one that's right for you.

#### Installation

In a browser:

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

Using npm:

```
$ npm i -g npm
$ npm i --save lodash
```

In Node.js:

```
// Load the full build.
var _ = require('lodash');
// Load the core build.
var _ = require('lodash/core');
// Load the FP build for immutable auto-curried iteratee-first data-last methods.
var fp = require('lodash/fp');

// Load method categories.
var array = require('lodash/array');
var object = require('lodash/fp/object');

// Cherry-pick methods for smaller browserify/rollup/webpack bundles.
var at = require('lodash/at');
var curryN = require('lodash/fp/curryN');
```

#### Note:

Install n\_ for Lodash use in the Node.js < 6 REPL.

## Why Lodash?

Lodash makes JavaScript easier by taking the hassle out of working with arrays, numbers, objects, strings, etc. Lodash's modular methods are great for:

- > Iterating arrays, objects, & strings
- > Manipulating & testing values
- > Creating composite functions

### Module Formats

Lodash is available in a variety of builds & module formats.

- > lodash & per method packages
- > lodash-es, babel-plugin-lodash, & lodash-webpack-plugin
- > lodash/fp
- > lodash-amd

# **Complementary Tools**

> futil-js is a set of functional utilities designed to complement lodash

## **Further Reading**

- > Contributing
- > Release Notes
- > Wiki (Changelog, Roadmap, etc.)

### Support

Tested in Chrome 65-66, Firefox 58-59, IE 11, Edge 16, Safari 10-11, Node.js 6-10, & PhantomJS 2.1.1. Automated browser & CI test runs are available.