# normalize-path [NPM version](https://www.npmjs.com/package/normalize-path) [NPM monthly downloads](https://npmjs.org/package/normalize-path) [NPM total downloads](https://npmjs.org/package/normalize-path) [Linux Build Status](https://travis-ci.org/jonschlinkert/normalize-path)

Normalize slashes in a file path to be posix/unix-like forward slashes. Also condenses repeat slashes to a single slash and removes and trailing slashes, unless disabled.

Please consider following this project's author, [Jon Schlinkert](https://github.com/jonschlinkert), and consider starring the project to show your :heart: and support.

## Install

Install with [npm](https://www.npmjs.com/):

$ npm install --save normalize-path

## Usage

const normalize = require('normalize-path');

console.log(normalize('\\foo\\bar\\baz\\'));

//=> '/foo/bar/baz'

**win32 namespaces**

console.log(normalize('\\\\?\\UNC\\Server01\\user\\docs\\Letter.txt'));

//=> '//?/UNC/Server01/user/docs/Letter.txt'

console.log(normalize('\\\\.\\CdRomX'));

//=> '//./CdRomX'

**Consecutive slashes**

Condenses multiple consecutive forward slashes (except for leading slashes in win32 namespaces) to a single slash.

console.log(normalize('.//foo//bar///////baz/'));

//=> './foo/bar/baz'

### Trailing slashes

By default trailing slashes are removed. Pass false as the last argument to disable this behavior and ***keep*** *trailing slashes*:

console.log(normalize('foo\\bar\\baz\\', false)); //=> 'foo/bar/baz/'

console.log(normalize('./foo/bar/baz/', false)); //=> './foo/bar/baz/'

## Release history

### v3.0

No breaking changes in this release.

* a check was added to ensure that [win32 namespaces](https://msdn.microsoft.com/library/windows/desktop/aa365247(v=vs.85).aspx#namespaces) are handled properly by win32 path.parse() after a path has been normalized by this library.
* a minor optimization was made to simplify how the trailing separator was handled

## About

**Contributing** Pull requests and stars are always welcome. For bugs and feature requests, [please create an issue](http://../../issues/new).

**Running Tests** Running and reviewing unit tests is a great way to get familiarized with a library and its API. You can install dependencies and run tests with the following command:

$ npm install && npm test

**Building docs** *(This project's readme.md is generated by* [*verb*](https://github.com/verbose/verb-generate-readme)*, please don't edit the readme directly. Any changes to the readme must be made in the* [*.verb.md*](http://.verb.md) *readme template.)*

To generate the readme, run the following command:

$ npm install -g verbose/verb#dev verb-generate-readme && verb

### Related projects

Other useful path-related libraries:

* [contains-path](https://www.npmjs.com/package/contains-path): Return true if a file path contains the given path. | [homepage](https://github.com/jonschlinkert/contains-path)
* [is-absolute](https://www.npmjs.com/package/is-absolute): Returns true if a file path is absolute. Does not rely on the path module… [more](https://github.com/jonschlinkert/is-absolute) | [homepage](https://github.com/jonschlinkert/is-absolute)
* [is-relative](https://www.npmjs.com/package/is-relative): Returns true if the path appears to be relative. | [homepage](https://github.com/jonschlinkert/is-relative)
* [parse-filepath](https://www.npmjs.com/package/parse-filepath): Pollyfill for node.js path.parse, parses a filepath into an object. | [homepage](https://github.com/jonschlinkert/parse-filepath)
* [path-ends-with](https://www.npmjs.com/package/path-ends-with): Return true if a file path ends with the given string/suffix. | [homepage](https://github.com/jonschlinkert/path-ends-with)
* [unixify](https://www.npmjs.com/package/unixify): Convert Windows file paths to unix paths. | [homepage](https://github.com/jonschlinkert/unixify)

### Contributors

| **Commits** | **Contributor** |
| --- | --- |
| 35 | [jonschlinkert](https://github.com/jonschlinkert) |
| 1 | [phated](https://github.com/phated) |

### Author

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### License

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