

# parseurl

npm v1.3.3

downloads 225.4M/month

node >= 0.8

travis unknown coverage 100%

Parse a URL with memoization.

## Install

This is a [Node.js](#) module available through the [npm registry](#).

Installation is done using the [npm install command](#):

```
$ npm install parseurl
```

## API

```
var parseurl = require('parseurl')
```

### parseurl(req)

Parse the URL of the given request object (looks at the `req.url` property) and return the result. The result is the same as `url.parse` in Node.js core. Calling this function multiple times

```

    nap@3
    nghostp2@1.32.0
    modules@64
    areas@1.14.0
    zlib@1.2.11
    uv@1.21.0
    v8@6.7.288.46-node.13
    node@10.6.0
    http_parser@2.8.0

    > node_benchmark_index.js
    > parserurl@1.3.3_bench_nodejs-parserurl
    $ npm run-script bench

```

## Benchmark

Parse the original URL of the given request object and return the result. This works by trying to parse `req`. `originalUrl` if it is a string, otherwise parses `req`. `url`. The result is the same as `parse` in `Node.js` core. Calling this function multiple times on the same `req` where `originalUrl` does not change will return a cached parsed object, rather than parsing again.

### `parserurl.original(req)`

on the same `req` where `req.url` does not change will return a cached parsed object, rather than parsing again.

## License

[MIT](#)

```
openssl@1.1.0h  
icu@61.1  
unicode@10.0  
cldr@33.0  
tz@2018c
```

```
> node benchmark/fullurl.js
```

```
Parsing URL "http://localhost:8888/  
foo/bar?user=tj&pet=fluffy"
```

```
4 tests completed.
```

```
fasturl           x 2,207,842  
ops/sec ±3.76% (184 runs  
sampled)
```

```
nativeurl
```

```
- legacy x 507,180 ops/sec  
±0.82% (191 runs sampled)
```

```
nativeurl
```

```
- whatwg x 290,044 ops/sec  
±1.96% (189 runs sampled)
```

```
parseurl          x 488,907  
ops/sec ±2.13% (192 runs  
sampled)
```

```
> node benchmark/pathquery.js
```

```
Parsing URL "/foo/bar?  
user=tj&pet=fluffy"
```

```
4 tests completed.
```

fastur<sub>l</sub>                    x 17,159,456 ops/  
sec 3.25% (188 runs sampled)  
nati<sub>ve</sub>ur<sub>l</sub> - legacy x 11,635,097 ops/  
sec 3.79% (184 runs sampled)  
nati<sub>ve</sub>ur<sub>l</sub> - whatwg x 240,693 ops/  
sec 3.79% (189 runs sampled)  
parseur<sub>l</sub>                    x 42,279,067 ops/  
sec 40.55% (190 runs sampled).

	fastur1	x 12	sec 22.04% (191	nativetur1 - legacy x	sec 21.41% (188	nativetur1 - whatwg x	sec 21.83% (189	parseur1 x 24	sec 20.51% (194	node benchmark/slash. js <
--	---------	------	-----------------	-----------------------	-----------------	-----------------------	-----------------	---------------	-----------------	----------------------------

Parsing URL "/foo/bar"