# range-parser

[NPM Version](https://npmjs.org/package/range-parser) [NPM Downloads](https://npmjs.org/package/range-parser) [Node.js Version](https://nodejs.org/en/download) [Build Status](https://travis-ci.org/jshttp/range-parser) [Test Coverage](https://coveralls.io/r/jshttp/range-parser?branch=master)

Range header field parser.

## Installation

This is a [Node.js](https://nodejs.org/en/) module available through the [npm registry](https://www.npmjs.com/). Installation is done using the [npm install command](https://docs.npmjs.com/getting-started/installing-npm-packages-locally):

$ npm install range-parser

## API

var parseRange = require('range-parser')

### parseRange(size, header, options)

Parse the given header string where size is the maximum size of the resource. An array of ranges will be returned or negative numbers indicating an error parsing.

* -2 signals a malformed header string
* -1 signals an unsatisfiable range

// parse header from request

var range = parseRange(size, req.headers.range)

// the type of the range

if (range.type === 'bytes') {

// the ranges

range.forEach(function (r) {

// do something with r.start and r.end

})

}

#### Options

These properties are accepted in the options object.

##### combine

Specifies if overlapping & adjacent ranges should be combined, defaults to false. When true, ranges will be combined and returned as if they were specified that way in the header.

parseRange(100, 'bytes=50-55,0-10,5-10,56-60', { combine: true })

// => [

// { start: 0, end: 10 },

// { start: 50, end: 60 }

// ]

## License

[MIT](http://license)