

brace-expansion

[Brace expansion](#), as known from sh/bash, in JavaScript.

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Example

```
var expand = require('brace-expansion');
```

API

```
expand('{{A..C},{a..c}}')  
// => ['A', 'B', 'C', 'a', 'b', 'c']  
  
expand('file{00..10..5}.jpg')  
// => ['file00.jpg', 'file05.jpg',  
      'file10.jpg']  
  
expand('file-{a..e..2}.jpg')  
// => ['file-a.jpg', 'file-c.jpg',  
      'file-e.jpg']  
  
expand('file{0..4..2}.jpg')  
// => ['file0.jpg', 'file2.jpg',  
      'file4.jpg']  
  
// => ['file2.jpg', 'file1.jpg',  
      'file0.jpg']
```

var expanded = expand(str)

Return an array of all possible and valid expansions of `str`. If none are found, `[str]` is returned.

Valid expansions are:

```
/^(\. *, )+(\. +)?$/  
// {a,b,...}
```

A comma separated list of options, like `{a,b}` or `{a, {b,c}}` or `{,a,}`.

```
/^-\? \d+ \. \. -\? \d+ ( \. \. -\? \d+ )?$/  
// {x..y[..incr]}
```

A numeric sequence from `x` to `y` inclusive, with optional increment. If `x` or `y` start with a leading `0`, all the numbers will be padded to have equal length. Negative numbers and backwards iteration work too.

```
/^-\? \d+ \. \. -\? \d+ ( \. \. -\? \d+ )?$/  
// {x..y[..incr]}
```

An alphabetic sequence from `x` to `y` inclusive, with optional increment. `x` and `y` must be exactly one character, and if given, `incr` must be a number.

For compatibility reasons, the string `${` is not eligible for brace expansion.

Installation

With [npm](#) do:

```
npm install brace-expansion
```

Contributors

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