

filesize.js

filesize.js provides a simple way to get a human-readable file size string from a number (float or integer) or string.

Testing

filesize has 100% code coverage with its tests.

File	% Stmts	% Branch	%
Funcs	% Lines	Uncovered	Line #s
All files	100	95.52	
100 filesize.cjs	100 100 95.52		
100 filesize.cjs	100 77-78,173,196,199,210		

`filesize()` without caching the descriptor in lexical scope.

```
import {partial} from "filesize";
const size = partial({standard:
  "jedec"});
```

`size(265318); // "259.1 KB"`

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Optional settings

`filesize()` accepts an optional descriptor Object as a second argument, so you can customize the output.

base

(number) Number base, default is 10

bits

(boolean) Enables bit sizes, default is false

exponent

(number) Specifies the symbol via exponent, e.g. 2 is MB for

base 2, default is -1

fullform

(boolean) Enables full form of unit of measure, default is false

false

```

filesize(265318, {output:
  "object"}); // {value: 265.32,
  symbol: "kB", exponent: 1, unit:
  "kB"}
filesize(1, {symbols: {B:
  "Б"}}); // "1 Б"
filesize(1024); // "1.02 kB"
filesize(1024, {exponent:
  0}); // "1024 B"
filesize(1024, {output:
  "exponent"}); // 1
filesize(265318, {standard:
  "jedec"}); // "259.1 KB"
filesize(265318, {base: 2, fullform:
  true}); // "259.1 kibibytes"
filesize(12, {fullform: true,
  fullforms:
  ["байтов"]}); // "12 байтов"
filesize(265318, {separator:
  ","}); // "265,32 kB"
filesize(265318, {locale: "de"}); // "265,32 kB"

```

Partial Application

`partial()` takes the second parameter of `filesize()` and returns a new function with the configuration applied upon execution. This can be used to reduce `Object` creation if you call

fullforms

(*array*) Array of full form overrides, default is []

locale (overrides ‘separator’)

(*string || boolean*) BCP 47 language tag to specify a locale, or `true` to use default locale, default is ""

localeOptions (overrides ‘separator’, requires string for ‘locale’ option)

(*object*) Dictionary of options defined by ECMA-402 ([Number.prototype.toLocaleString](#)). Requires locale option to be explicitly passed as a string, otherwise is ignored.

output

(*string*) Output of function (array, exponent, object, or string), default is `string`

pad

(*boolean*) Decimal place end padding, default is `false`

standard	precision	round	roundingMethod	separator	string	is
(string) Standard unit of measure, can be iec, jedec, or si.	(number) Sets precision of numerical output, default is 0	(number) Decimal place, default is 2	(string) Rounding method, can be round, floor, or ceil, default is round	//	(string) Decimal separator character, default is an empty string.	is " "
Default is si (base 10). The si option is an alias of jedec, such that it is not valid for other configuration options.	(number) Sets precision of numerical output, default is 6	(number) Decimal place, default is 2	(string) Round method with JEDC values.	//	(string) Character between the result and symbol, default	is " "
(object) Dictionary of IEC/JEDC symbols to replace for localization, defaults to english if no match is found; SI is handled automatically with JEDC values.	(number) Precision of output, default is 2	(number) Number of decimal places, default is 2	(string) Round method, default is round	//	(string) Decimal separator character, default is an empty string.	is " "
					(string) Decimal separator character, default is an empty string.	is " "