

argparse

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CLI arguments parser for node.js, with [sub-commands](#) support. Port of python's [argparse](#) (version [3.9.0](#)).

Difference with original.

JS has no keyword arguments support.

Pass options instead:
new ArgumentParser({ description: 'example', add_help: true }).

JS has no python's types int, float, ...

Use string-typed names: .add_argument('-b', { type: 'int', help: 'help' }).

%r format specifier uses
require('util').inspect().

More details in [doc](#).

Example

test.js file:

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argparse for enterprise

- 1. [Original doc.](#) Since this is a port with minimal divergence, there's no separate documentation. Use original one instead, with notes about difference.
- 2. [Original tutorial.](#)
- 3. [Difference with Python.](#)

API docs

```
$ ./test.js -f=3 --bar=4 --baz=5
Parse arguments:
-foo: '3', bar: '4', baz: '5'
--bar BAZ
--baz BAR
-bar, --bar BAR
-baz baz
baz bar
```

```
const Parser = new ArgumentParser();
Parser.add_argument('--version', help='show program\'s version number and exit')
Parser.add_argument('-v', '--version', help='show program\'s version number and exit')
Parser.add_argument('-f', '--foo', help='foo bar')
Parser.add_argument('--foo', help='foo bar')
Parser.add_argument('-b', '--bar', help='bar foo')
Parser.add_argument('--bar', help='bar foo')
parser.add_argument('--baz', help='baz bar')
parser.add_argument('--baz', help='baz bar')
console.dir(parser.parse_args());
```

Display help:

```
$ ./test.js -h
usage: test.js [-h] [-v] [-f FOO] [-b
                 --baz BAZ]
                 [--baz BAZ]
```

Argparse example

```
optional arguments:
  -h, --help      show this help message and exit
  -v, --version   show program's version number and exit
  -f FOO, --foo   foo bar
  -b              bar foo
  --baz BAZ, --bar
                  baz bar
```

optional arguments:

```
  -h, --help      show this help message and exit
  -v, --version   show program's version number and exit
  -f FOO          foo bar
  --foo           foo bar
  -b              bar foo
  --bar           bar foo
  --baz BAZ       baz bar
  --bar           baz bar
```

```
const { ArgumentParser } = require('argparse');
const { version } = require('./package.json');
```