

# argparse

## [Build Status](#)

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:

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

const parser = new ArgumentParser({
  description: 'Argparse example'
});

parser.add_argument('-v', '--version',
  { action: 'version', version });
parser.add_argument('-f', '--foo', {
  help: 'foo bar' });
parser.add_argument('-b', '--bar', {
  help: 'bar foo' });
parser.add_argument('--baz', { help:
  'baz bar' });

console.dir(parser.parse_args());

Display help:

$ ./test.js -h
usage: test.js [-h] [-v] [-f F00] [-b
BAR] [--baz BAZ]
```

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```
optional arguments:
  -h, --help            show this help
  -v, --version          show program's
                        version number and exit
  -f F00, --foo F00     foo bar
```

Argparse example

```
-b BAR, --bar BAR  bar foo
--baz BAZ          baz bar

Parse arguments:
```

```
$ ./test.js -f=3 --bar=4 --baz 5
{ foo: '3', bar: '4', baz: '5' }
```

## API docs

Since this is a port with minimal divergence, there's no separate documentation. Use original one instead, with notes about difference.

1. [Original doc.](#)
2. [Original tutorial.](#)
3. [Difference with python.](#)

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