# Changelog

All notable changes to this project will be documented in this file.

The format is based on [Keep a Changelog](http://keepachangelog.com/en/1.0.0/) and this project adheres to [Semantic Versioning](http://semver.org/spec/v2.0.0.html). (Format adopted after v3.0.0.)

## [4.1.1](https://github.com/tj/commander.js/compare/v4.0.0..v4.1.1) (2020-02-02)

### Fixed

* TypeScript definition for .action() should include Promise for async ([#1157](about:blank))

## [4.1.0](https://github.com/tj/commander.js/compare/v4.0.1..v4.1.0) (2020-01-06)

### Added

* two routines to change how option values are handled, and eliminate name clashes with command properties ([#933] [#1102](about:blank))
  + see storeOptionsAsProperties and passCommandToAction in README
* .parseAsync to use instead of .parse if supply async action handlers ([#806](https://github.com/tj/commander.js/issues/806) [#1118](about:blank))

### Fixed

* Remove trailing blanks from wrapped help text ([#1096](about:blank))

### Changed

* update dependencies
* extend security coverage for Commander 2.x to 2020-02-03
* improvements to README
* improvements to TypeScript definition documentation
* move old versions out of main CHANGELOG
* removed explicit use of ts-node in tests

## [4.0.1](https://github.com/tj/commander.js/compare/v4.0.0..v4.0.1) (2019-11-12)

### Fixed

* display help when requested, even if there are missing required options ([#1091](about:blank))

## [4.0.0](https://github.com/tj/commander.js/compare/v3.0.2..v4.0.0) (2019-11-02)

### Added

* automatically wrap and indent help descriptions for options and commands ([#1051](about:blank))
* .exitOverride() allows override of calls to process.exit for additional error handling and to keep program running ([#1040](about:blank))
* support for declaring required options with .requiredOptions() ([#1071](about:blank))
* GitHub Actions support ([#1027](https://github.com/tj/commander.js/pull/1027))
* translation links in README

### Changed

* dev: switch tests from Sinon+Should to Jest with major rewrite of tests ([#1035](https://github.com/tj/commander.js/pull/1035))
* call default subcommand even when there are unknown options ([#1047](about:blank))
* *Breaking* Commander is only officially supported on Node 8 and above, and requires Node 6 ([#1053](about:blank))

### Fixed

* *Breaking* keep command object out of program.args when action handler called ([#1048](about:blank))
  + also, action handler now passed array of unknown arguments
* complain about unknown options when program argument supplied and action handler ([#1049](about:blank))
  + this changes parameters to command:\* event to include unknown arguments
* removed deprecated customFds option from call to child\_process.spawn ([#1052](about:blank))
* rework TypeScript declarations to bring all types into imported namespace ([#1081](about:blank))

### Migration Tips

#### Testing for no arguments

If you were previously using code like:

if (!program.args.length) ...

a partial replacement is:

if (program.rawArgs.length < 3) ...

## [4.0.0-1](https://github.com/tj/commander.js/compare/v4.0.0-0..v4.0.0-1) Prerelease (2019-10-08)

(Released in 4.0.0)

## [4.0.0-0](https://github.com/tj/commander.js/compare/v3.0.2...v4.0.0-0) Prerelease (2019-10-01)

(Released in 4.0.0)

## [2.20.1](https://github.com/tj/commander.js/compare/v2.20.0...v2.20.1) (2019-09-29)

### Fixed

* Improve tracking of executable subcommands.

### Changed

* update development dependencies

## [3.0.2](https://github.com/tj/commander.js/compare/v3.0.1...v3.0.2) (2019-09-27)

### Fixed

* Improve tracking of executable subcommands.

### Changed

* update development dependencies

## [3.0.1](https://github.com/tj/commander.js/compare/v3.0.0...v3.0.1) (2019-08-30)

### Added

* .name and .usage to README ([#1010](https://github.com/tj/commander.js/pull/1010))
* Table of Contents to README ([#1010](https://github.com/tj/commander.js/pull/1010))
* TypeScript definition for executableFile in CommandOptions ([#1028](https://github.com/tj/commander.js/pull/1028))

### Changed

* consistently use const rather than var in README ([#1026](https://github.com/tj/commander.js/pull/1026))

### Fixed

* help for sub commands with custom executableFile ([#1018](https://github.com/tj/commander.js/pull/1018))

## [3.0.0](https://github.com/tj/commander.js/compare/v2.20.1...v3.0.0) / 2019-08-08

* Add option to specify executable file name ([#999](https://github.com/tj/commander.js/issues/999))
  + e.g. .command('clone', 'clone description', { executableFile: 'myClone' })
* Change docs for .command to contrast action handler vs git-style executable. ([#938](https://github.com/tj/commander.js/issues/938) [#990](https://github.com/tj/commander.js/issues/990))
* **Breaking** Change TypeScript to use overloaded function for .command. ([#938](https://github.com/tj/commander.js/issues/938) [#990](https://github.com/tj/commander.js/issues/990))
* Change to use straight quotes around strings in error messages (like 'this' instead of `this') ([#915](https://github.com/tj/commander.js/issues/915))
* Add TypeScript "reference types" for node ([#974](https://github.com/tj/commander.js/issues/974))
* Add support for hyphen as an option argument in subcommands ([#697](https://github.com/tj/commander.js/issues/697))
* Add support for a short option flag and its value to be concatenated for action handler subcommands ([#599](https://github.com/tj/commander.js/issues/599))
  + e.g. -p 80 can also be supplied as -p80
* Add executable arguments to spawn in win32, for git-style executables ([#611](https://github.com/tj/commander.js/issues/611))
  + e.g. node --harmony myCommand.js clone
* Add parent command as prefix of subcommand in help ([#980](https://github.com/tj/commander.js/issues/980))
* Add optional custom description to .version ([#963](https://github.com/tj/commander.js/issues/963))
  + e.g. program.version('0.0.1', '-v, --vers', 'output the current version')
* Add .helpOption(flags, description) routine to customise help flags and description ([#963](https://github.com/tj/commander.js/issues/963))
  + e.g. .helpOption('-e, --HELP', 'read more information')
* Fix behavior of --no-\* options ([#795](https://github.com/tj/commander.js/issues/795))
  + can now define both --foo and --no-foo
  + **Breaking** custom event listeners: --no-foo on cli now emits option:no-foo (previously option:foo)
  + **Breaking** default value: defining --no-foo after defining --foo leaves the default value unchanged (previously set it to false)
  + allow boolean default value, such as from environment ([#987](https://github.com/tj/commander.js/issues/987))
* Increment inspector port for spawned subcommands ([#991](https://github.com/tj/commander.js/issues/991))
  + e.g. node --inspect myCommand.js clone

### Migration Tips

The custom event for a negated option like --no-foo is option:no-foo (previously option:foo).

program

.option('--no-foo')

.on('option:no-foo', () => {

console.log('removing foo');

});

When using TypeScript, adding a command does not allow an explicit undefined for an unwanted executable description (e.g for a command with an action handler).

program

.command('action1', undefined, { noHelp: true }) // No longer valid

.command('action2', { noHelp: true }) // Correct

## 3.0.0-0 Prerelease / 2019-07-28

(Released as 3.0.0)

## 2.20.0 / 2019-04-02

* fix: resolve symbolic links completely when hunting for subcommands (#935)
* Update index.d.ts (#930)
* Update Readme.md (#924)
* Remove --save option as it isn't required anymore (#918)
* Add link to the license file (#900)
* Added example of receiving args from options (#858)
* Added missing semicolon (#882)
* Add extension to .eslintrc (#876)

## 2.19.0 / 2018-10-02

* Removed newline after Options and Commands headers (#864)
* Bugfix - Error output (#862)
* Fix to change default value to string (#856)

## 2.18.0 / 2018-09-07

* Standardize help output (#853)
* chmod 644 travis.yml (#851)
* add support for execute typescript subcommand via ts-node (#849)

## 2.17.1 / 2018-08-07

* Fix bug in command emit (#844)

## 2.17.0 / 2018-08-03

* fixed newline output after help information (#833)
* Fix to emit the action even without command (#778)
* npm update (#823)

## 2.16.0 / 2018-06-29

* Remove Makefile and test/run (#821)
* Make 'npm test' run on Windows (#820)
* Add badge to display install size (#807)
* chore: cache node\_modules (#814)
* chore: remove Node.js 4 (EOL), add Node.js 10 (#813)
* fixed typo in readme (#812)
* Fix types (#804)
* Update eslint to resolve vulnerabilities in lodash (#799)
* updated readme with custom event listeners. (#791)
* fix tests (#794)

## 2.15.0 / 2018-03-07

* Update downloads badge to point to graph of downloads over time instead of duplicating link to npm
* Arguments description

## 2.14.1 / 2018-02-07

* Fix typing of help function

## 2.14.0 / 2018-02-05

* only register the option:version event once
* Fixes issue #727: Passing empty string for option on command is set to undefined
* enable eqeqeq rule
* resolves #754 add linter configuration to project
* resolves #560 respect custom name for version option
* document how to override the version flag
* document using options per command

## 2.13.0 / 2018-01-09

* Do not print default for --no-
* remove trailing spaces in command help
* Update CI's Node.js to LTS and latest version
* typedefs: Command and Option types added to commander namespace

## 2.12.2 / 2017-11-28

* fix: typings are not shipped

## 2.12.1 / 2017-11-23

* Move @types/node to dev dependency

## 2.12.0 / 2017-11-22

* add attributeName() method to Option objects
* Documentation updated for options with --no prefix
* typings: outputHelp takes a string as the first parameter
* typings: use overloads
* feat(typings): update to match js api
* Print default value in option help
* Fix translation error
* Fail when using same command and alias (#491)
* feat(typings): add help callback
* fix bug when description is add after command with options (#662)
* Format js code
* Rename History.md to CHANGELOG.md (#668)
* feat(typings): add typings to support TypeScript (#646)
* use current node

## 2.11.0 / 2017-07-03

* Fix help section order and padding (#652)
* feature: support for signals to subcommands (#632)
* Fixed #37, --help should not display first (#447)
* Fix translation errors. (#570)
* Add package-lock.json
* Remove engines
* Upgrade package version
* Prefix events to prevent conflicts between commands and options (#494)
* Removing dependency on graceful-readlink
* Support setting name in #name function and make it chainable
* Add .vscode directory to .gitignore (Visual Studio Code metadata)
* Updated link to ruby commander in readme files

## 2.10.0 / 2017-06-19

* Update .travis.yml. drop support for older node.js versions.
* Fix require arguments in README.md
* On SemVer you do not start from 0.0.1
* Add missing semi colon in readme
* Add save param to npm install
* node v6 travis test
* Update Readme\_zh-CN.md
* Allow literal '--' to be passed-through as an argument
* Test subcommand alias help
* link build badge to master branch
* Support the alias of Git style sub-command
* added keyword commander for better search result on npm
* Fix Sub-Subcommands
* test node.js stable
* Fixes TypeError when a command has an option called --description
* Update README.md to make it beginner friendly and elaborate on the difference between angled and square brackets.
* Add chinese Readme file

## 2.9.0 / 2015-10-13

* Add option isDefault to set default subcommand #415 @Qix-
* Add callback to allow filtering or post-processing of help text #434 @djulien
* Fix undefined text in help information close #414 #416 @zhiyelee

## 2.8.1 / 2015-04-22

* Back out support multiline description Close #396 #397

## 2.8.0 / 2015-04-07

* Add process.execArg support, execution args like --harmony will be passed to sub-commands #387 @DigitalIO @zhiyelee
* Fix bug in Git-style sub-commands #372 @zhiyelee
* Allow commands to be hidden from help #383 @tonylukasavage
* When git-style sub-commands are in use, yet none are called, display help #382 @claylo
* Add ability to specify arguments syntax for top-level command #258 @rrthomas
* Support multiline descriptions #208 @zxqfox

## 2.7.1 / 2015-03-11

* Revert #347 (fix collisions when option and first arg have same name) which causes a bug in #367.

## 2.7.0 / 2015-03-09

* Fix git-style bug when installed globally. Close #335 #349 @zhiyelee
* Fix collisions when option and first arg have same name. Close #346 #347 @tonylukasavage
* Add support for camelCase on opts(). Close #353 @nkzawa
* Add node.js 0.12 and io.js to travis.yml
* Allow RegEx options. #337 @palanik
* Fixes exit code when sub-command failing. Close #260 #332 @pirelenito
* git-style bin files in $PATH make sense. Close #196 #327 @zhiyelee

## 2.6.0 / 2014-12-30

* added Command#allowUnknownOption method. Close #138 #318 @doozr @zhiyelee
* Add application description to the help msg. Close #112 @dalssoft

## 2.5.1 / 2014-12-15

* fixed two bugs incurred by variadic arguments. Close #291 @Quentin01 #302 @zhiyelee

## 2.5.0 / 2014-10-24

* add support for variadic arguments. Closes #277 @whitlockjc

## 2.4.0 / 2014-10-17

* fixed a bug on executing the coercion function of subcommands option. Closes #270
* added Command.prototype.name to retrieve command name. Closes #264 #266 @tonylukasavage
* added Command.prototype.opts to retrieve all the options as a simple object of key-value pairs. Closes #262 @tonylukasavage
* fixed a bug on subcommand name. Closes #248 @jonathandelgado
* fixed function normalize doesn’t honor option terminator. Closes #216 @abbr

## 2.3.0 / 2014-07-16

* add command alias'. Closes PR #210
* fix: Typos. Closes #99
* fix: Unused fs module. Closes #217

## 2.2.0 / 2014-03-29

* add passing of previous option value
* fix: support subcommands on windows. Closes #142
* Now the defaultValue passed as the second argument of the coercion function.

## 2.1.0 / 2013-11-21

* add: allow cflag style option params, unit test, fixes #174

## 2.0.0 / 2013-07-18

* remove input methods (.prompt, .confirm, etc)

## Older versions

* [1.x](http://./changelogs/CHANGELOG-1.md)
* [0.x](http://./changelogs/CHANGELOG-0.md)