

# Package ‘docopt’

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**Type** Package

**Title** Command-Line Interface Specification Language

**Version** 0.7.2

**Maintainer** Edwin de Jonge <edwindjonge@gmail.com>

**Description** Define a command-line interface by just giving it a description in the specific format.

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**URL** <https://github.com/docopt/docopt.R>

**BugReports** <https://github.com/docopt/docopt.R/issues>

**Imports** methods

**Suggests** testthat

**RoxygenNote** 7.3.2

**Encoding** UTF-8

**NeedsCompilation** no

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**Repository** CRAN

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`docopt-package`*Docopt command line specification*

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## Description

docopt helps you to define an interface for your command-line app, and automatically generate a parser for it.

## Details

For more information see <http://docopt.org>

## Author(s)

**Maintainer:** Edwin de Jonge <[edwindjonge@gmail.com](mailto:edwindjonge@gmail.com)> ([ORCID](#))

## See Also

Useful links:

- <https://github.com/docopt/docopt.R>
- Report bugs at <https://github.com/docopt/docopt.R/issues>

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`docopt`*Parse args based on command-line interface described in doc.*

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## Description

docopt creates your command-line interface based on its description that you pass as doc. Such description can contain `-options`, `<positional-argument>`, commands, which could be [optional], (required), (mutually | exclusive) or repeated...

## Usage

```
docopt(  
  doc,  
  args = commandArgs(TRUE),  
  name = NULL,  
  help = TRUE,  
  version = NULL,  
  strict = FALSE,  
  strip_names = !strict,  
  quoted_args = !strict  
)
```

**Arguments**

doc	character vector with command line specification
args	character vector of commandline arguments. If args is missing commandArgs(trailingOnly=TRUE) will be used.
name	Currently not used
help	logical should "-h" or "--help" generate a usage string?
version	character. If supplied the option "-v" generates the given version number and stops.
strict	logical if TRUE docopt will conform to docopt.py in and output (strip_names=FALSE and quoted_args=FALSE)
strip_names	if TRUE it will remove dashes and angles from the resulting names and add these to the resulting list. Note that this is different from docopt standard!
quoted_args	if TRUE it will accept quoted arguments. Note that this is different from docopt standard!

**Value**

named list with all parsed options, arguments and commands.

**References**

<http://docopt.org>,

**Examples**

```
"Usage: my_program.R [-hso FILE] [--quiet | --verbose] [INPUT ...]
```

```
-h --help    show this
-s --sorted  sorted output
-o FILE      specify output file [default: ./test.txt]
--quiet      print less text
--verbose    print more text" -> doc
docopt(doc, "-s --quiet")
```

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