

Package ‘docopt’

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Type Package

Title docopt, command-line interface specification language

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Description docopt lets you define a command-line interface by just giving it a description in the specific format.

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

Imports stringr

Depends methods

NeedsCompilation no

Repository CRAN

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docopt-package	<i>Docopt command line specification</i>
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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>

docopt	<i>Parse args based on command-line interface described in doc.</i>
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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 <code>commandArgs(trailingOnly=TRUE)</code> 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 (<code>strip_names=FALSE</code> and <code>quoted_args=FALSE</code>)
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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