Package 'docopt'

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Type Package

Title Command-Line Interface Specification Language

Version 0.7.1

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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 7.1.0

NeedsCompilation no

Repository CRAN

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R topics documented:

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docopt-package   *Docopt command line specification*

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

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

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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