

Package ‘roxytest’

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Type Package

Title Various Tests with 'roxygen2'

Version 0.0.2

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Description Various tests as 'roxygen2' roclets: e.g. 'testthat' and 'tinytest' tests.

Also other static analysis tools as checking parameter documentation consistency and others.

License GPL (>= 2)

Imports roxygen2, methods

Depends R (>= 2.10)

Suggests testthat (>= 2.1.0), tinytest (>= 1.1.0), knitr, rmarkdown

BugReports <https://github.com/mikldk/roxytest/issues>

Encoding UTF-8

RoxygenNote 7.2.3

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

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examples_roclet	<i>Roclet: check presence of @example/@examples in documentation for exported functions</i>
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Description

This roclet checks presence of @example/@examples.

Generally you will not call this function directly but will instead use `roxygen2::roxygenise()` specifying this roclet.

Usage

```
examples_roclet()
```

Value

A roclet to be used e.g. with `roxygen2::roxygenise()`

See Also

Other roclets: `testthat_roclet`, `tinytest_roclet`, `param_roclet`, `return_roclet`, `namespace_roclet`, `rd_roclet`, `vignette_roclet`.

Other roclets: `param_roclet()`, `return_roclet()`, `testthat_roclet()`, `tinytest_roclet()`

Examples

```
x <- "' Summing two numbers\n#\n#' @export\nf <- function(x, y) {\n  x + y\n}\n"
cat(x)
roxygen2::roc_proc_text(examples_roclet(), x)
```

param_roclet	<i>Roclet: check consistency of param documentation</i>
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Description

This roclet checks consistency between function arguments and the documentation. The idea is to catch such errors earlier than in an R CMD check.

Generally you will not call this function directly but will instead use `roxygen2::roxygenise()` specifying this roclet.

Usage

```
param_roclet()
```

Value

A roclet to be used e.g. with `roxygen2::roxygenise()`

See Also

Other roclets: `testthat_roclet`, `tinytest_roclet`, `examples_roclet`, `return_roclet`, `namespace_roclet`, `rd_roclet`, `vignette_roclet`.

Other roclets: `examples_roclet()`, `return_roclet()`, `testthat_roclet()`, `tinytest_roclet()`

Examples

```
x <- "' Summing two numbers\n#\n#' @export\nf <- function(x, y) {\n  x + y\n}\n"
cat(x)
roxygen2::roc_proc_text(param_roclet(), x)
```

return_roclet	<i>Roclet: check presence of @return in documentation for exported functions</i>
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Description

This roclet checks presence of `@return` that generates `\value` in Rd files.

Generally you will not call this function directly but will instead use `roxygen2::roxygenise()` specifying this roclet.

Usage

```
return_roclet()
```

Value

A roclet to be used e.g. with `roxygen2::roxygenise()`

See Also

Other roclets: `testthat_roclet`, `tinytest_roclet`, `param_roclet`, `examples_roclet`, `namespace_roclet`, `rd_roclet`, `vignette_roclet`.

Other roclets: `examples_roclet()`, `param_roclet()`, `testthat_roclet()`, `tinytest_roclet()`

Examples

```
x <- "' Summing two numbers\n#\n#' @export\nf <- function(x, y) {\n  x + y\n}\n"
cat(x)
roxygen2::roc_proc_text(return_roclet(), x)
```

roxy_tag_parse.roxy_tag_testexamples
Parse testexamples tag

Description

Parse testexamples tag

Usage

```
## S3 method for class 'roxy_tag_testexamples'  
roxy_tag_parse(x)
```

Arguments

x Input

Value

Parsed tag

roxy_tag_parse.roxy_tag_tests
Parse tests tag

Description

Parse tests tag

Usage

```
## S3 method for class 'roxy_tag_tests'  
roxy_tag_parse(x)
```

Arguments

x Input

Value

Parsed tag

testthat_roclet	<i>Roclet: make testthat test-files.</i>
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Description

This roclet is a workhorse of roxytest, producing the testthat test files specified.

Generally you will not call this function directly but will instead use `roxygen2::roxygenise()` specifying this roclet.

Usage

```
testthat_roclet()
```

Value

A roclet to be used e.g. with `roxygen2::roxygenise()`

See Also

Other roclets: [param_roclet](#), [examples_roclet](#), [return_roclet](#), [tinytest_roclet](#), [namespace_roclet](#), [rd_roclet](#), [vignette_roclet](#).

Other roclets: [examples_roclet\(\)](#), [param_roclet\(\)](#), [return_roclet\(\)](#), [tinytest_roclet\(\)](#)

Examples

```
x <- "' @tests\n#' expect_equal(2, 2)\nNULL\n"  
cat(x)  
o <- roxygen2::roc_proc_text(testthat_roclet(), x)  
cat(o$tests[[1]])
```

tinytest_roclet	<i>Roclet: make tinytest test-files.</i>
-----------------	--

Description

This roclet is a workhorse of roxytest, producing the tinytest test files specified.

Generally you will not call this function directly but will instead use `roxygen2::roxygenise()` specifying this roclet.

Usage

```
tinytest_roclet()
```

Value

A roclet to be used e.g. with `roxygen2::roxygenise()`

See Also

Other roclets: [param_roclet](#), [examples_roclet](#), [return_roclet](#), [testthat_roclet](#), [namespace_roclet](#), [rd_roclet](#), [vignette_roclet](#).

Other roclets: [examples_roclet\(\)](#), [param_roclet\(\)](#), [return_roclet\(\)](#), [testthat_roclet\(\)](#)

Examples

```
x <- "' @tests\n#' expect_equal(2, 2)\nNULL\n"
cat(x)
o <- roxygen2::roc_proc_text(tinytest_roclet(), x)
cat(o$tests[[1]])
```

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