

# 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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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)
```

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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)
```

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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

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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]])
```

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