Package 'covr'

November 9, 2023

Encoding UTF-8

Title Test Coverage for Packages

Version 3.6.4

Description Track and report code coverage for your package and (optionally)
upload the results to a coverage service like 'Codecov' <https://about.codecov.io> or
'Coveralls' <https://coveralls.io>. Code coverage is a measure of the amount of
code being exercised by a set of tests. It is an indirect measure of test
quality and completeness. This package is compatible with any testing
methodology or framework and tracks coverage of both R code and compiled
C/C++/FORTRAN code.

URL https://covr.r-lib.org, https://github.com/r-lib/covr

BugReports https://github.com/r-lib/covr/issues

Depends R (>= 3.1.0), methods

Imports digest, stats, utils, jsonlite, rex, httr, crayon, withr (>=
1.0.2), yaml

Suggests R6, curl, knitr, rmarkdown, htmltools, DT (>= 0.2), testthat,
rlang, rstudioapi (>= 0.2), xml2 (>= 1.0.0), parallel, memoise,
mockery, covr

License MIT + file LICENSE

VignetteBuilder knitr

RoxygenNote 7.2.3

NeedsCompilation yes

Author Jim Hester [aut, cre],
Willem Ligtenberg [ctb],
Kirill Müller [ctb],
Henrik Bengtsson [ctb],
Steve Peak [ctb],
Kirill Sevastyanenko [ctb],
Jon Clayden [ctb],
Robert Flight [ctb],
Eric Brown [ctb],

Brodie Gaslam [ctb],
Will Beasley [ctb],
Robert Krzyzanowski [ctb],
Markus Wamser [ctb],
Karl Forner [ctb],
Gergely Daróczi [ctb],
Jouni Helske [ctb],
Kun Ren [ctb],
Jeroen Ooms [ctb],
Ken Williams [ctb],
Chris Campbell [ctb],
David Hugh-Jones [ctb],
Qin Wang [ctb],
Doug Kelkhoff [ctb],
Ivan Sagalaev [ctb, cph] (highlight.js library),
Mark Otto [ctb] (Bootstrap library),
Jacob Thornton [ctb] (Bootstrap library),
Bootstrap contributors [ctb] (Bootstrap library),
Twitter, Inc [cph] (Bootstrap library)

Maintainer Jim Hester <james.f.hester@gmail.com>

Repository CRAN

Date/Publication 2023-11-09 08:10:06 UTC

R **topics documented:**

| covr-package | *covr: Test coverage for packages* |

Description

covr tracks and reports code coverage for your package and (optionally) upload the results to a coverage service like 'Codecov' https://about.codecov.io or 'Coveralls' https://coveralls.io. Code coverage is a measure of the amount of code being exercised by a set of tests. It is an indirect measure of test quality and completeness. This package is compatible with any testing methodology or framework and tracks coverage of both R code and compiled C/C++/FORTRAN code.

Details

A coverage report can be used to inspect coverage for each line in your package. Using report() requires the additional dependencies DT and htmltools.

```
# If run with no arguments `report()` implicitly calls `package_coverage()`
report()
```

Package options

covr uses the following options() to configure behaviour:

- covr.covrignore: A filename to use as an ignore file, listing glob-style wildcarded paths of files to ignore for coverage calculations. Defaults to the value of environment variable COVR_COVRIGNORE, or ".covrignore" if the neither the option nor the environment variable are set.

- covr.exclude_end: Used along with covr.exclude_start, an optional regular expression which ends a line-exclusion region. For more details, see ?exclusions.

- covr.exclude_pattern: An optional line-exclusion pattern. Lines which match the pattern will be excluded from coverage. For more details, see ?exclusions.

- covr.exclude_start: Used along with covr.exclude_end, an optional regular expression which starts a line-exclusion region. For more details, see ?exclusions.

- covr.filter_non_package: If TRUE (the default behavior), coverage of files outside the target package are filtered from coverage output.

- `covr.fix_parallel_mcexit`:
- `covr.flags`:
- `covr.gcov`: If the appropriate gcov version is not on your path you can use this option to set the appropriate location. If set to "" it will turn off coverage of compiled code.
- `covr.gcov_additional_paths`:
- `covr.gcov_args`:
- `covr.icov`:
- `covr.icov_args`:
- `covr.icov_flags`:
- `covr.icov_prof`:
- `covr.rstudio_source_markers`: A logical value. If `TRUE` (the default behavior), source markers are displayed within the RStudio IDE when using `zero_coverage`.
- `covr.record_tests`: If `TRUE` (default `NULL`), record a listing of top level test expressions and associate tests with `covr` traces evaluated during the test's execution. For more details, see `?covr.record_tests`.
- `covr.showCfunctions`:

Author(s)

Maintainer: Jim Hester <james.f.hester@gmail.com>

Other contributors:

- Willem Ligtenberg [contributor]
- Kirill Müller [contributor]
- Henrik Bengtsson [contributor]
- Steve Peak [contributor]
- Kirill Sevastyanenko [contributor]
- Jon Clayden [contributor]
- Robert Flight [contributor]
- Eric Brown [contributor]
- Brodie Gaslam [contributor]
- Will Beasley [contributor]
- Robert Krzyzanowski [contributor]
- Markus Wamser [contributor]
- Karl Forner [contributor]
- Gergely Daróczi [contributor]
- Jouni Helske [contributor]
- Kun Ren [contributor]
- Jeroen Ooms [contributor]
- Ken Williams [contributor]

- Chris Campbell [contributor]

- David Hugh-Jones [contributor]

- Qin Wang [contributor]

- Doug Kelkhoff [contributor]

- Ivan Sagalaev (highlight.js library) [contributor, copyright holder]

- Mark Otto (Bootstrap library) [contributor]

- Jacob Thornton (Bootstrap library) [contributor]

- Bootstrap contributors (Bootstrap library) [contributor]

- Twitter, Inc (Bootstrap library) [copyright holder]

See Also

Useful links:

- <https://covr.r-lib.org>

- <https://github.com/r-lib/covr>

- Report bugs at <https://github.com/r-lib/covr/issues>

---

as_coverage	*Convert a counters object to a coverage object*

Description

Convert a counters object to a coverage object

Usage

```
as_coverage(counters = NULL, ...)
```

Arguments

counters	An environment of covr trace results to convert to a coverage object. If counters is not provided, the covr namespace value .counters is used.
...	Additional attributes to include with the coverage object.

---

as_coverage_with_tests

Clean and restructure counter tests for a coverage object

Description

For tests produced with `options(covr.record_tests)`, prune any unused records in the $tests$tally matrices of each trace and get rid of the wrapping $tests environment (reassigning with value of $tests$tally)

Usage

```
as_coverage_with_tests(counters)
```

Arguments

counters   An environment of covr trace results to convert to a coverage object. If `counters` is not provided, the `covr` namespace value `.counters` is used.

---

azure   *Run covr on a package and output the result so it is available on Azure Pipelines*

Description

Run covr on a package and output the result so it is available on Azure Pipelines

Usage

```
azure(
  ...,
  coverage = package_coverage(..., quiet = quiet),
  filename = "coverage.xml",
  quiet = TRUE
)
```

Arguments

...	arguments passed to package_coverage()
coverage	an existing coverage object to submit, if `NULL`, package_coverage() will be called with the arguments from ...
filename	the name of the Cobertura XML file
quiet	if `FALSE`, print the coverage before submission.

---

codecov | *Run covr on a package and upload the result to codecov.io*

Description

Run covr on a package and upload the result to codecov.io

Usage

```
codecov(
  ...,
  coverage = NULL,
  base_url = "https://codecov.io",
  token = NULL,
  commit = NULL,
  branch = NULL,
  pr = NULL,
  flags = NULL,
  quiet = TRUE
)
```

Arguments

`...`	arguments passed to `package_coverage()`
`coverage`	an existing coverage object to submit, if `NULL`, `package_coverage()` will be called with the arguments from `...`
`base_url`	Codecov url (change for Enterprise)
`token`	a codecov upload token, if `NULL` then following external sources will be checked in this order: 1. the environment variable 'CODECOV_TOKEN'. If it is empty, then 2. package will look at directory of the package for a file `codecov.yml`. File must have `codecov` section where field `token` is set to a token that will be used.
`commit`	explicitly set the commit this coverage result object corresponds to. Is looked up from the service or locally if it is `NULL`.
`branch`	explicitly set the branch this coverage result object corresponds to, this is looked up from the service or locally if it is `NULL`.
`pr`	explicitly set the pr this coverage result object corresponds to, this is looked up from the service if it is `NULL`.
`flags`	A flag to use for this coverage upload see `https://docs.codecov.com/docs/flags` for details.
`quiet`	if `FALSE`, print the coverage before submission.

Examples

```
## Not run:
codecov(path = "test")

## End(Not run)
```

---

code_coverage   *Calculate coverage of code directly*

Description

This function is useful for testing, and is a thin wrapper around [file_coverage()](#) because parse-Data is not populated properly unless the functions are defined in a file.

Usage

```
code_coverage(
  source_code,
  test_code,
  line_exclusions = NULL,
  function_exclusions = NULL,
  ...
)
```

Arguments

source_code	A character vector of source code
test_code	A character vector of test code
line_exclusions	
	a named list of files with the lines to exclude from each file.
function_exclusions	
	a vector of regular expressions matching function names to exclude. Example print\\\. to match print methods.
...	Additional arguments passed to [file_coverage()](#)

Examples

```
source <- "add <- function(x, y) { x + y }"
test <- "add(1, 2) == 3"
code_coverage(source, test)
```

---

coverage_to_list *Convert a coverage dataset to a list*

Description

Convert a coverage dataset to a list

Usage

```
coverage_to_list(x = package_coverage())
```

Arguments

x   a coverage dataset, defaults to running `package_coverage()`.

Value

A list containing coverage result for each individual file and the whole package

---

coveralls *Run covr on a package and upload the result to coveralls*

Description

Run covr on a package and upload the result to coveralls

Usage

```
coveralls(
  ...,
  coverage = NULL,
  repo_token = Sys.getenv("COVERALLS_TOKEN"),
  service_name = Sys.getenv("CI_NAME", "travis-ci"),
  quiet = TRUE
)
```

Arguments

...	arguments passed to [package_coverage()](#)
coverage	an existing coverage object to submit, if NULL, [package_coverage()](#) will be called with the arguments from ...
repo_token	The secret repo token for your repository, found at the bottom of your repository's page on Coveralls. This is useful if your job is running on a service Coveralls doesn't support out-of-the-box. If set to NULL, it is assumed that the job is running on travis-ci

service_name	the CI service to use, if environment variable 'CI_NAME' is set that is used, otherwise 'travis-ci' is used.
quiet	if FALSE, print the coverage before submission.

---

covr.record_tests   *Record Test Traces During Coverage Execution*

Description

By setting `options(covr.record_tests = TRUE)`, the result of covr coverage collection functions will include additional data pertaining to the tests which are executed and an index of which tests, at what stack depth, trigger the execution of each trace.

Details

This functionality requires that the package code and tests are installed and sourced with the source. For more details, refer to R options, `keep.source`, `keep.source.pkgs` and `keep.parse.data.pkgs`.

Additional fields

Within the covr result, you can explore this information in two places:

- `attr(,"tests")`: A list of call stacks, which results in target code execution.
- `$<srcref>$tests`: For each srcref count in the coverage object, a `$tests` field is now included which contains a matrix with three columns, "test", "depth" and "i" which specify the test number (corresponding to the index of the test in `attr(,"tests")`, the stack depth into the target code where the trace was executed, and the order of execution for each test.

Test traces

The content of test traces are dependent on the unit testing framework that is used by the target package. The behavior is contingent on the available information in the sources kept for the testing files.

Test traces are extracted by the following criteria:

1. If any srcref files are are provided by a file within covr's temporary library, all calls from those files are kept as a test trace. This will collect traces from tests run with common testing frameworks such as `testthat` and `RUnit`.

2. Otherwise, as a conservative fallback in situations where no source references are found, or when none are from within the temporary directory, the entire call stack is collected.

These calls are subsequently subset for only those up until the call to covr's internal `count` function, and will always include the last call in the call stack prior to a call to `count`.

Examples

```
fcode <- '
f <- function(x) {
  if (x)
    f(!x)
  else
    FALSE
}'

options(covr.record_tests = TRUE)
cov <- code_coverage(fcode, "f(TRUE)")

# extract executed test code for the first test
tail(attr(cov, "tests")[[1L]], 1L)
# [[1]]
# f(TRUE)

# extract test itemization per trace
cov[[3]][c("srcref", "tests")]
# $srcref
# f(!x)
#
# $tests
#      test depth i
# [1,]    1     2 4

# reconstruct the code path of a test by ordering test traces by [,"i"]
lapply(cov, `[[`, "tests")
# $`source.Ref2326138c55:4:6:4:10:6:10:4:4`
#      test depth i
# [1,]    1     1 2
#
# $`source.Ref2326138c55:3:8:3:8:8:8:3:3`
#      test depth i
# [1,]    1     1 1
# [2,]    1     2 3
#
# $`source.Ref2326138c55:6:6:6:10:6:10:6:6`
#      test depth i
# [1,]    1     2 4
```

---

environment_coverage   *Calculate coverage of an environment*

Description

Calculate coverage of an environment

Usage

```
environment_coverage(
  env = parent.frame(),
  test_files,
  line_exclusions = NULL,
  function_exclusions = NULL
)
```

Arguments

env	The environment to be instrumented.
test_files	Character vector of test files with code to test the functions
line_exclusions	
	a named list of files with the lines to exclude from each file.
function_exclusions	
	a vector of regular expressions matching function names to exclude. Example print\\\\. to match print methods.

---

exclusions	*Exclusions*

Description

covr supports a couple of different ways of excluding some or all of a file.

Line Exclusions

The line_exclusions argument to package_coverage() can be used to exclude some or all of a file. This argument takes a list of filenames or named ranges to exclude.

Function Exclusions

Alternatively function_exclusions can be used to exclude R functions based on regular expression(s). For example print\\\\.* can be used to exclude all the print methods defined in a package from coverage.

Exclusion Comments

In addition you can exclude lines from the coverage by putting special comments in your source code. This can be done per line or by specifying a range. The patterns used can be specified by the exclude_pattern, exclude_start, exclude_end arguments to package_coverage() or by setting the global options covr.exclude_pattern, covr.exclude_start, covr.exclude_end.

Examples

```
## Not run:
# exclude whole file of R/test.R
package_coverage(exclusions = "R/test.R")

# exclude lines 1 to 10 and 15 from R/test.R
package_coverage(line_exclusions = list("R/test.R" = c(1:10, 15)))

# exclude lines 1 to 10 from R/test.R, all of R/test2.R
package_coverage(line_exclusions = list("R/test.R" = 1:10, "R/test2.R"))

# exclude all print and format methods from the package.
package_coverage(function_exclusions = c("print\\.", "format\\."))

# single line exclusions
f1 <- function(x) {
  x + 1 # nocov
}

# ranged exclusions
f2 <- function(x) { # nocov start
  x + 2
} # nocov end

## End(Not run)
```

---

file_coverage   *Calculate test coverage for sets of files*

Description

The files in source_files are first sourced into a new environment to define functions to be
checked. Then they are instrumented to track coverage and the files in test_files are sourced.

Usage

```
file_coverage(
  source_files,
  test_files,
  line_exclusions = NULL,
  function_exclusions = NULL,
  parent_env = parent.frame()
)
```

Arguments

source_files	Character vector of source files with function definitions to measure coverage
test_files	Character vector of test files with code to test the functions

line_exclusions

> a named list of files with the lines to exclude from each file.

function_exclusions

> a vector of regular expressions matching function names to exclude. Example `print\\\.` to match print methods.

parent_env   The parent environment to use when sourcing the files.

Examples

```
# For the purpose of this example, save code containing code and tests to files
cat("add <- function(x, y) { x + y }", file="add.R")
cat("add(1, 2) == 3", file="add_test.R")

# Use file_coverage() to calculate test coverage
file_coverage(source_files = "add.R", test_files = "add_test.R")

# cleanup
file.remove(c("add.R", "add_test.R"))
```

---

file_report   *A coverage report for a specific file*

Description

A coverage report for a specific file

Usage

```
file_report(
  x = package_coverage(),
  file = NULL,
 out_file = file.path(tempdir(), paste0(get_package_name(x), "-file-report.html")),
  browse = interactive()
)
```

Arguments

x   a coverage dataset, defaults to running `package_coverage()`.

file   The file to report on, if `NULL`, use the first file in the coverage output.

out_file   The output file

browse   whether to open a browser to view the report.

---

function_coverage *Calculate test coverage for a specific function.*

Description

Calculate test coverage for a specific function.

Usage

```
function_coverage(fun, code = NULL, env = NULL, enc = parent.frame())
```

Arguments

fun	name of the function.
code	expressions to run.
env	environment the function is defined in.
enc	the enclosing environment which to run the expressions.

Examples

```
add <- function(x, y) { x + y }
function_coverage(fun = add, code = NULL) # 0% coverage
function_coverage(fun = add, code = add(1, 2) == 3) # 100% coverage
```

---

gitlab *Run covr on package and create report for GitLab*

Description

Utilize internal GitLab static pages to publish package coverage. Creates local covr report in a package subdirectory. Uses the pages GitLab job to publish the report.

Usage

```
gitlab(..., coverage = NULL, file = "public/coverage.html", quiet = TRUE)
```

Arguments

...	arguments passed to `package_coverage()`
coverage	an existing coverage object to submit, if NULL, `package_coverage()` will be called with the arguments from ...
file	The report filename.
quiet	if FALSE, print the coverage before submission.

---

has_srcref   *Is the source bound to the expression*

Description

Is the source bound to the expression

Usage

```
has_srcref(expr)
```

Arguments

expr   A language object which may have a srcref attribute

Value

A logical value indicating whether the language object has source

---

in_covr   *Determine if code is being run in covr*

Description

covr functions set the environment variable R_COVR when they are running. in_covr() returns TRUE
if this environment variable is set and FALSE otherwise.

Usage

```
in_covr()
```

Examples

```
if (require(testthat)) {
  testthat::skip_if(in_covr())
}
```

---

is_covr_count_call   *Is the expression a call to covr:::count*

Description

Is the expression a call to covr:::count

Usage

```
is_covr_count_call(expr)
```

Arguments

expr   A language object

Value

A logical value indicating whether the object is a call to `covr:::count`.

---

is_current_test_finished

Returns TRUE if we've moved on from test reflected in .current_test

---

Description

Quickly dismiss the need to update the current test if we can. To test if we're still in the last test, check if the same srcref (or call, if source is not kept) exists at the last recorded calling frame prior to entering a covr trace. If this has changed, do a more comprehensive test to see if any of the test call stack has changed, in which case we are onto a new test.

Usage

```
is_current_test_finished()
```

---

new_test_counter *Initialize a new test counter for a coverage trace*

Description

Initialize a test counter, a matrix used to tally tests, their stack depth and the execution order as the trace associated with key is hit. Each test trace is an environment, which allows assignment into a pre-allocated tests matrix with minimall reallocation.

Usage

```
new_test_counter(key)
```

Arguments

key   generated with [key()](#)

Details

The tests matrix has columns tests, depth and i, corresponding to the test index (the index of the associated test in .counters$tests), the stack depth when the trace is evaluated and the number of traces that have been hit so far during test evaluation.

---

package_coverage *Calculate test coverage for a package*

Description

This function calculates the test coverage for a development package on the path. By default it runs only the package tests, but it can also run vignette and example code.

Usage

```
package_coverage(
  path = ".",
  type = c("tests", "vignettes", "examples", "all", "none"),
  combine_types = TRUE,
  relative_path = TRUE,
  quiet = TRUE,
  clean = TRUE,
  line_exclusions = NULL,
  function_exclusions = NULL,
  code = character(),
  install_path = temp_file("R_LIBS"),
  ...,
  exclusions,
  pre_clean = TRUE
)
```

Arguments

`path`	file path to the package.
`type`	run the package 'tests', 'vignettes', 'examples', 'all', or 'none'. The default is 'tests'.
`combine_types`	If `TRUE` (the default) the coverage for all types is simply summed into one coverage object. If `FALSE` separate objects are used for each type of coverage.
`relative_path`	whether to output the paths as relative or absolute paths. If a string, it is interpreted as a root path and all paths will be relative to that root.
`quiet`	whether to load and compile the package quietly, useful for debugging errors.
`clean`	whether to clean temporary output files after running, mainly useful for debugging errors.
`line_exclusions`	a named list of files with the lines to exclude from each file.
`function_exclusions`	a vector of regular expressions matching function names to exclude. Example `print\\\.` to match print methods.
`code`	A character vector of additional test code to run.
`install_path`	The path the instrumented package will be installed to and tests run in. By default it is a path in the R sessions temporary directory. It can sometimes be useful to set this (along with `clean = FALSE`) to help debug test failures.
`...`	Additional arguments passed to [`tools::testInstalledPackage()`]().
`exclusions`	'Deprecated', please use 'line_exclusions' instead.
`pre_clean`	whether to delete all objects present in the src directory before recompiling

Details

This function uses [`tools::testInstalledPackage()`]() to run the code, if you would like to test your package in another way you can set `type = "none"` and pass the code to run as a character vector to the `code` parameter.

Parallelized code using **parallel**'s [`mcparallel()`]() needs to use a patched `parallel:::mcexit`. This is done automatically if the package depends on **parallel**, but can also be explicitly set using the environment variable `COVR_FIX_PARALLEL_MCEXIT` or the global option `covr.fix_parallel_mcexit`.

See Also

[`exclusions()`]() For details on excluding parts of the package from the coverage calculations.

---

percent_coverage *Provide percent coverage of package*

Description

Calculate the total percent coverage from a coverage result object.

Usage

```
percent_coverage(x, ...)
```

Arguments

x	the coverage object returned from package_coverage()
...	additional arguments passed to tally_coverage()

Value

The total percentage as a numeric(1).

---

print.coverage *Print a coverage object*

Description

Print a coverage object

Usage

```
## S3 method for class 'coverage'
print(x, group = c("filename", "functions"), by = "line", ...)
```

Arguments

x	the coverage object to be printed
group	whether to group coverage by filename or function
by	whether to count coverage by line or expression
...	additional arguments ignored

Value

The coverage object (invisibly).

---

report *Display covr results using a standalone report*

Description

Display covr results using a standalone report

Usage

```
report(
  x = package_coverage(),
  file = file.path(tempdir(), paste0(get_package_name(x), "-report.html")),
  browse = interactive()
)
```

Arguments

x	a coverage dataset, defaults to running package_coverage().
file	The report filename.
browse	whether to open a browser to view the report.

Examples

```
## Not run:
x <- package_coverage()
report(x)

## End(Not run)
```

---

tally_coverage *Tally coverage by line or expression*

Description

Tally coverage by line or expression

Usage

```
tally_coverage(x, by = c("line", "expression"))
```

Arguments

x	the coverage object returned from package_coverage()
by	whether to tally coverage by line or expression

Value

a data.frame of coverage tallied by line or expression.

---

to_cobertura   *Create a Cobertura XML file*

Description

Create a cobertura-compliant XML report following this DTD. Because there are *two* DTDs called `coverage-04.dtd` and some tools do not seem to adhere to either of them, the parser you're using may balk at the file. Please see this github discussion for context. Where covr doesn't provide a coverage metric (branch coverage, complexity), a zero is reported.

Usage

```
to_cobertura(cov, filename = "cobertura.xml")
```

Arguments

cov   the coverage object returned from package_coverage()

filename   the name of the Cobertura XML file

Details

Note: This functionality requires the xml2 package be installed.

---

to_sonarqube   *Create a SonarQube Generic XML file for test coverage accord-
                                ing to https://docs.sonarqube.org/latest/analysis/generic-test/ Based
                                on cobertura.R*

Description

This functionality requires the xml2 package be installed.

Usage

```
to_sonarqube(cov, filename = "sonarqube.xml")
```

Arguments

cov   the coverage object returned from package_coverage()

filename   the name of the SonarQube Generic XML file

Author(s)

Talkdesk Inc.

---

truncate_call   *Truncate call objects to limit the number of arguments*

Description

A helper to circumvent R errors when deserializing large call objects from Rds. Trims the number of arguments in a call object, and replaces the last argument with a `<truncated>` symbol.

Usage

```
truncate_call(call_obj, limit = 10000)
```

Arguments

call_obj   A (possibly large) `call` object

limit   A `call` length limit to impose

Value

The `call_obj` with arguments trimmed

---

value   *Retrieve the value from an object*

Description

Retrieve the value from an object

Usage

```
value(x, ...)
```

Arguments

x   object from which to retrieve the value

...   additional arguments passed to methods

---

zero_coverage   *Provide locations of zero coverage*

Description

When examining the test coverage of a package, it is useful to know if there are any locations where there is **0** test coverage.

Usage

```
zero_coverage(x, ...)
```

Arguments

x	a coverage object returned [package_coverage()](#)
...	additional arguments passed to [tally_coverage()](#)

Details

if used within RStudio this function outputs the results using the Marker API.

Value

A data.frame with coverage data where the coverage is 0.

Index