

Package: covrpage (via r-universe)

September 19, 2024

Title Create a Readme Summary Page for GitHub testthat and covr
Outputs

Version 0.2

Description Create a README file to place in package test subdirectory
to communicate with other users in more detail results of
testthat and covr.

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URL <https://github.com/yoniced/covrpage>

BugReports <https://github.com/yoniced/covrpage/issues>

Encoding UTF-8

LazyData false

Depends R (>= 4.0)

Imports utils, git2r, rmarkdown, covr, stats, testthat, curl, whisker,
withr, remotes

RoxygenNote 7.2.1

Suggests knitr, spelling, rstudioapi

VignetteBuilder knitr

Language en-US

Repository <https://thinkr-open.r-universe.dev>

RemoteUrl <https://github.com/yoniced/covrpage>

RemoteRef HEAD

RemoteSha bafeb195d1999b8c3a48186e26f59cafcdfa3670

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coverage_skip	<i>Run covr with failing tests</i>
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Description

Run [package_coverage](#) ignoring failing tests from [test_dir](#).

Usage

coverage_skip(test_path = "tests/testthat", test_skip = NULL)

Arguments

- test_path character, path to test directory, Default: 'tests/testthat'
- test_skip data.frame, mapping of failing tests, PARAM_DESCRIPTION, Default: NULL

Details

If test_skip is NULL then a new test_dir will be run internally checking for failing tests.

See Also

[test_dir](#) [package_coverage](#)

Other utility: [covr_summary\(\)](#), [map_testthat_snapshot\(\)](#), [map_testthat\(\)](#), [map_test\(\)](#), [package_name\(\)](#), [testthat_summary\(\)](#)

covrpage	<i>Render covrpage</i>
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Description

Render the template of the covrpage in the package directory.

Usage

```
covrpage(  
  path = getwd(),  
  preview = TRUE,  
  auto_push = FALSE,  
  update_badge = TRUE,  
  vignette = FALSE  
)
```

Arguments

path	path to package
preview	boolean, to open the output in viewer, Default: TRUE
auto_push	boolean, push to remote repo on exit, Default: FALSE
update_badge	boolean, locate badge in README and update with testthat results, Default: TRUE
vignette	boolean, if TRUE then the covrpage README will be copied as a vignette of the package, Default: FALSE

See Also

[render](#)

Other invoke: [covrpage_ci\(\)](#), [covrpage_snapshot\(\)](#)

covrpage_ci	<i>covrpage for travis</i>
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Description

wrapper for covrpage call with switches for running after-success on travis and deploying gh-pages.

Usage

```
covrpage_ci(path = getwd(), ...)
```

Arguments

path character, path to package, Default: getwd()
... arguments to pass to covrpage

See Also

Other invoke: [covrpage_snapshot\(\)](#), [covrpage\(\)](#)

Examples

```
## Not run:  
if(interactive()){  
  covrpage_ci()  
}  
  
## End(Not run)
```

covrpage_log

Query 'git log' for covrpage history

Description

Retrieve log of covrpage README.md files committed to git version control

Usage

```
covrpage_log()
```

Value

list

See Also

Other log: [covr_log\(\)](#)

Examples

```
## Not run:  
covrpage_log()  
  
## End(Not run)
```

covrpage_snapshot	<i>Run covrpage on a GitHub Repository</i>
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Description

Runs a covrpage on a GitHub repository in a sterile environment

Usage

```
covrpage_snapshot(  
  repo,  
  branch = NULL,  
  PAT = Sys.getenv("GITHUB_PAT"),  
  host = "api.github.com",  
  preview = TRUE  
)
```

Arguments

repo	character, Public GitHub repository
branch	character, Name of the branch to checkout. Default: NULL
PAT	character, GitHub Personal Access Token, Default: Sys.getenv("GITHUB_PAT")
host	character, GitHub API host to use, Default: "api.github.com"
preview	boolean, to open the output in viewer, Default: TRUE

Details

Creates a markdown output that is sent to the internal viewer.

Setting branch to NULL means that [clone](#) will use the remote's default branch.

See Also

[covrpage clone install_github](#)

Other invoke: [covrpage_ci\(\)](#), [covrpage\(\)](#)

Examples

```
## Not run:  
if(interactive()){  
  covrpage_snapshot('tidyverse/purrr')  
}  
  
## End(Not run)
```

covr_log

Query 'git log' for code coverage history

Description

Retrieve log of code coverages evaluated by covrpage that were committed to git version control.

Usage

```
covr_log()
```

Value

data.frame

See Also

Other log: [covrpage_log\(\)](#)

Examples

```
## Not run:
covr_log()

## End(Not run)
```

covr_summary*Summary outputs for covr object*

Description

Creates a summary data.frame for covr object output that mimics the console print method of [package_coverage](#)

Usage

```
covr_summary(x, package, failed = FALSE)
```

Arguments

x	covr object
package	character, package name
failed	flag for failed test, Default: FALSE

Value

data.frame

See Also

[package_coverage](#)

Other utility: [coverage_skip\(\)](#), [map_testthat_snapshot\(\)](#), [map_testthat\(\)](#), [map_test\(\)](#), [package_name\(\)](#), [testthat_summary\(\)](#)

make_badge

Create covrpage Badge

Description

Create covrpage badge for test status and date that is connected to the README.md created in the tests directory.

Usage

```
make_badge(remote_origin = NULL, active_branch = NULL, tinyurl = TRUE)
```

Arguments

remote_origin	character, username/repo of the remote origin, Default: NULL
active_branch	character, current active git branch, Default: NULL
tinyurl	boolean, convert badge uri to tinyurl link, Default: TRUE

Details

if either inputs are NULL then the .git file is inspected to gather the information

Value

character

See Also

Other setup: [tencrypt\(\)](#), [use_covrpage_vignette\(\)](#), [use_covrpage\(\)](#)

map_test	<i>Map the hierarchy structure of a testthat test file</i>
----------	--

Description

Query a test file to see what expectations are defined in it.

Usage

map_test(path)

Arguments

path character, path to file

Details

Return data.frame containing which expectations are in the test file by context/description/test/expectation/linorange

Value

data.frame

See Also

[getParseData](#)
Other utility: [coverage_skip\(\)](#), [covr_summary\(\)](#), [map_testthat_snapshot\(\)](#), [map_testthat\(\)](#), [package_name\(\)](#), [testthat_summary\(\)](#)

map_testthat	<i>Map the hierarchy structure of testthat directory</i>
--------------	--

Description

Query a testthat directory for the unit test structure.

Usage

map_testthat(path = "tests/testthat")

Arguments

path character, path to tests, Default: 'tests/testthat'

Details

Return data.frame containing which expecations are in the testthat directory by file/context/description/test/expectation/linera

Value

data.frame

See Also

[setNames](#)

Other utility: [coverage_skip\(\)](#), [covr_summary\(\)](#), [map_testthat_snapshot\(\)](#), [map_test\(\)](#), [package_name\(\)](#), [testthat_summary\(\)](#)

map_testthat_snapshot *Run map_testthat on a GitHub Repository*

Description

Runs a covrpage on a GitHub repository in a sterile environment

Usage

```
map_testthat_snapshot(  
  repo,  
  branch = NULL,  
  PAT = Sys.getenv("GITHUB_PAT"),  
  host = "api.github.com"  
)
```

Arguments

repo	character, Public GitHub repository
branch	character, Name of the branch to checkout. Default: NULL
PAT	character, GitHub Personal Access Token, Default: Sys.getenv("GITHUB_PAT")
host	character, GitHub API host to use, Default: "api.github.com"

Details

Creates a markdown output that is sent to the internal viewer.

Setting branch to NULL means that [clone](#) will use the remote's default branch.

Value

tibble

See Also

[covrpage](#) [clone](#) [install_github](#)

Other utility: [coverage_skip\(\)](#), [covr_summary\(\)](#), [map_testthat\(\)](#), [map_test\(\)](#), [package_name\(\)](#), [testthat_summary\(\)](#)

Examples

```
## Not run:
if(interactive()){
  map_testthat_snapshot('tidyverse/purrr')
}

## End(Not run)
```

package_name	<i>package name</i>
--------------	---------------------

Description

Retrieve package name

Usage

```
package_name(path = getwd())
```

Arguments

path path to package

See Also

Other utility: [coverage_skip\(\)](#), [covr_summary\(\)](#), [map_testthat_snapshot\(\)](#), [map_testthat\(\)](#), [map_test\(\)](#), [testthat_summary\(\)](#)

tencrypt	<i>Encrypt Travis environment variables</i>
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Description

Add encrypted Travis environment variable to git directory and .travis.yml.

Usage

```
tencrypt(
  r_obj = Sys.getenv("GITHUB_PAT"),
  travis_env = "GITHUB_PAT",
  add = TRUE
)
```

Arguments

r_obj	object value to encrypt
travis_env	character, name of Travis environment variable
add	boolean, add directly to .travis.yml, Default: TRUE

See Also

Other setup: [make_badge\(\)](#), [use_covrpage_vignette\(\)](#), [use_covrpage\(\)](#)

testthat_summary	<i>Summary outputs for testthat object</i>
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Description

Summary outputs for testthat object that is used in rmd

Usage

```
testthat_summary(x, type = c("short", "long"))
```

Arguments

x	list, testthat object output
type	character, format of the object output, Default: c("short", "long")

Value

data.frame

See Also

Other utility: [coverage_skip\(\)](#), [covr_summary\(\)](#), [map_testthat_snapshot\(\)](#), [map_testthat\(\)](#), [map_test\(\)](#), [package_name\(\)](#)

use_covrpage

Add covrpage to Travis CI for a git directory

Description

Adds bash file to execute after Travis test is successfully completed.

Usage

```
use_covrpage(
  file = ".travis/covrpage.sh",
  travis_type = c("bash", "pkgdown", "tic"),
  travis_blocks = c("after_success", "after_failure", "deploy_ghpages"),
  gh_user = gsub("@(.*)$", "", system("git config user.email", intern = TRUE)),
  push_branch = "test",
  repo = system("git config travis.slug", intern = TRUE),
  deploy_branch = system("git rev-parse --abbrev-ref HEAD", intern = TRUE)
)
```

Arguments

file	character, file path to save bash script to, Default: '.travis/covrpage.sh'
travis_type	character, build .travis.yml template for bash script, pkgdown deployment or using the 'tic' package from ropenscilabs on GitHub Default: c('bash','pkgdown','tic')
travis_blocks	character, vector that defines what .travis.yml blocks tocreate, Default: c('after_success','after_failure','de
gh_user	character, Github user name, Default: gsub("@(.*)\$", "", system("git config user.email", intern = TRUE))
push_branch	character, branch Travis will create to push updated covrpage readme file, Default: 'test'
repo	character, name of git repo that package is hosted on, Default: system("git config travis.slug", intern = TRUE)
deploy_branch	character, name of branch that current package build is located, Default: system("git rev-parse --abbrev-ref HEAD", intern = TRUE) (usually 'master')

See Also

Other setup: [make_badge\(\)](#), [tencrypt\(\)](#), [use_covrpage_vignette\(\)](#)

Examples

```
use_covrpage(travis_type = 'bash',file=file.path(tempdir(),'myfile.sh'))

#does not write to disk
use_covrpage(travis_type = 'bash',file=NULL)

use_covrpage(travis_type = 'pkgdown')
```

```
use_covrpage(travis_type = 'pkgdown', travis_block = 'after_success')
use_covrpage(travis_type = 'pkgdown', travis_block = 'after_failure')
use_covrpage(travis_type = 'pkgdown', travis_block = c('after_success', 'after_failure'))
```

use_covrpage_vignette *Create a vignette for covrpage*

Description

Perform general setup and copying of tests/README.md into vignette subdirectory

Usage

```
use_covrpage_vignette(path = ".")
```

Arguments

path character, path to root of file, Default: '.'

See Also

Other setup: [make_badge\(\)](#), [tencrypt\(\)](#), [use_covrpage\(\)](#)

Examples

```
## Not run:
use_covrpage_vignette()

## End(Not run)
```

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