Package ‘badger’

May 31, 2022

**Title** Badge for R Package

**Version** 0.2.1

**Description** Query information and generate badge for using in README and GitHub Pages.

**Depends** R (>= 3.3.0)

**Imports** dlstats, rvcheck, desc, usethis (>= 2.0.0)

**Suggests** testthat (>= 2.0.0)

**License** Artistic-2.0

**ByteCompile** true

**URL** https://github.com/GuangchuangYu/badger

**BugReports** https://github.com/GuangchuangYu/badger/issues

**Encoding** UTF-8

**RoxygenNote** 7.1.2

**NeedsCompilation** no

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**Repository** CRAN

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**R topics documented:**

badge_altmetric .......................... 2
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altmetric badge

Usage

`badge_altmetric(id, color)`

Arguments

- `id` altmetric id
- `color` color of badge

Value

badge in markdown syntax

Author(s)

Guangchuang
Examples

```r
## Not run:
badge_altmetric("2788597", "blue")

## End(Not run)
```

### badge_bioc_download

#### Description

badge of bioconductor download number

#### Usage

`badge_bioc_download(pkg = NULL, by, color, type = "distinct")`

#### Arguments

- `pkg`: package. If `NULL` (the default) the package is determined via the DESCRIPTION file.
- `by`: one of total or month
- `color`: badge color
- `type`: one of distinct and total

#### Value

badge in markdown syntax

#### Author(s)

Guangchuang Yu

### badge_bioc_download_rank

#### Description

official Bioconductor download badge (download ranking)

#### Usage

`badge_bioc_download_rank(pkg = NULL)`

`badge_download_bioc(pkg = NULL)`
Arguments

pkg

package. If NULL (the default) the package is determined via the DESCRIPTION file.

Value

bioc download ranking badge

Author(s)

guangchuang yu

Description

badge of bioconductor release version

Usage

badge_bioc_release(pkg = NULL, color)

Arguments

pkg

package. If NULL (the default) the package is determined via the DESCRIPTION file.

color

badge color

Value

badge in markdown syntax

Author(s)

Guangchuang Yu
badge_codecov

Description
badge of codecov code coverage

Usage
badge_codecov(ref = NULL, token = NULL, branch = NULL)

Arguments
ref Reference for a GitHub repository. If NULL (the default), the reference is determined by the URL field in the DESCRIPTION file.
token Codecov graphing token, needed for private repositories. It can be obtained at https://codecov.io/gh/USER/REPO/branch/BRANCH/graph/
branch The GitHub branch. If NULL (the default), the default branch is automatically determined.

Value
badge in markdown syntax

Author(s)
Gregor de Cillia

---

badge_codefactor CodeFactor badge

Description
CodeFactor badge

Usage
badge_codefactor(ref = NULL)

Arguments
ref Reference for a GitHub repository. If NULL (the default), the reference is determined by the URL field in the DESCRIPTION file.
Value

badge in markdown syntax

Author(s)

Alexander Rossell Hayes

---

**badge_code_size**

Description

badge of GitHub code size

Usage

`badge_code_size(ref = NULL)`

Arguments

`ref` Reference for a GitHub repository. If NULL (the default), the reference is determined by the URL field in the DESCRIPTION file.

Value

badge in markdown syntax

Author(s)

Gregor de Cillia

---

**badge_coveralls**

Description

badge of coveralls code coverage

Usage

`badge_coveralls(ref = NULL, branch = NULL)`
Arguments

ref Reference for a GitHub repository. If NULL (the default), the reference is determined by the URL field in the DESCRIPTION file.

branch The GitHub branch. If NULL (the default), the default branch is automatically determined.

Value

badge in markdown syntax

Author(s)

Gregor de Cillia

Description

CRAN checks badge

Usage

badge_cranChecks(pkg = NULL)

Arguments

pkg package. If NULL (the default) the package is determined via the DESCRIPTION file.

Value

badge in Markdown syntax

Author(s)

Scott Chamberlain (badges API), Maëlle Salmon (function)
Description

badge of CRAN downloads

Usage

```r
badge_cran_download(
  pkg = NULL,
  type = c("last-month", "last-week", "grand-total"),
  color = NULL
)
```

Arguments

- **pkg**: package. If NULL (the default) the package is determined via the DESCRIPTION file.
- **type**: type of stats. last-month, last-week or "grand-total"
- **color**: color of badge

Value

badge in markdown syntax

Author(s)

Gregor de Cillia
**badge_custom**

**Value**

badge in markdown syntax

**Author(s)**

Gregor de Cillia

---

<table>
<thead>
<tr>
<th>badge_custom</th>
<th>badge_custom</th>
</tr>
</thead>
</table>

**Description**

custom badge

**Usage**

```
badge_custom(x, y, color, url = NULL)
```

**Arguments**

- **x**: field 1
- **y**: field 2
- **color**: color
- **url**: optional url

**Value**

customize badge

**Author(s)**

Guangchuang Yu
Description

dependency badge

Usage

`badge_dependencies(pkg = NULL)`

Arguments

- `pkg`: package. If `NULL` (the default) the package is determined via the DESCRIPTION file.

Value

badge in markdown syntax

Author(s)

Dirk Eddelbuettel

Description

badge of devel version

Usage

`badge_devel(pkg = NULL, color)`

Arguments

- `pkg`: package. If `NULL` (the default) the package is determined via the DESCRIPTION file.
- `color`: badge color

Value

badge in markdown syntax
**badge_doi**

**Description**

doi badge

**Usage**

badge_doi(doi, color)

**Arguments**

doi  
doi

color  
color

**Value**

badge

**Author(s)**

Guangchuang

**Examples**

badge_doi("10.1111/2041-210X.12628", "green")

---

**badge.github_actions**  *GitHub Actions badge*

**Description**

GitHub Actions badge

**Usage**

badge.github_actions(ref = NULL, action = "R-CMD-check")

**Arguments**

ref  Reference for a GitHub repository. If NULL (the default), the reference is determined by the URL field in the DESCRIPTION file.

action  The name of the GitHub actions workflow. Defaults to "R-CMD-CHECK".
Value

badge in markdown syntax

Author(s)

Alexander Rossell Hayes

---

**badge_github_version  badge_github_version**

Description

badge of devel version

Usage

`badge_github_version(pkg = NULL, color)`

Arguments

- `pkg` package. If NULL (the default) the package is determined via the DESCRIPTION file.
- `color` badge color

Value

badge in markdown syntax

Author(s)

Guangchuang Yu

---

**badge_last_commit  badge_last_commit**

Description

last commit badge

Usage

`badge_last_commit(ref = NULL, branch = NULL)`
**Arguments**

- **ref**
  Reference for a GitHub repository. If `NULL` (the default), the reference is determined by the URL field in the DESCRIPTION file.

- **branch**
  The GitHub branch. If `NULL` (the default), the default branch is automatically determined.

**Value**

badge in markdown syntax

**Author(s)**

Gregor de Cillia

---

**badge_license**

*License badge*

**Description**

License badge

**Usage**

```r
badge_license(license = NULL, color = "blue", url = NULL)
```

**Arguments**

- **license**
  The license to use. If `NULL` (the default), the license is determined via the DESCRIPTION file.

- **color**
  badge color

- **url**
  The URL of the LICENSE text. If `NULL` (the default), links to the CRAN Package License page. This leads to a broken link if package uses a non-CRAN compatible license.

**Value**

badge in markdown syntax

**Author(s)**

Alexander Rossell Hayes
**badge_lifecycle**

**Description**
lifecycle badge

**Usage**
```
badge_lifecycle(stage = "experimental", color = NULL)
```

**Arguments**
- **stage**: lifecycle stage See [https://lifecycle.r-lib.org/articles/stages.html](https://lifecycle.r-lib.org/articles/stages.html)
- **color**: color of the badge. If missing, the color is determined by the stage.

**Value**
badge in markdown syntax

**Author(s)**
Gregor de Cillia, Waldir Leoncio

---

**badge_repostatus**

**Description**
repostatus.org badge

**Usage**
```
badge_repostatus(status, alt = NULL)
```

**Arguments**
- **status**: project status (Concept, WIP, Suspended, Abandoned, Active, Inactive, Unsupported, Moved). See [https://www.repostatus.org/lifecycle](https://www.repostatus.org/lifecycle) for more details.
- **alt**: Alternative text

**Value**
badge in markdown syntax

**Author(s)**
Waldir Leoncio
**badge_sci_citation**

---

**Description**

SCI citation badge

**Usage**

`badge_sci_citation(url, color)`

**Arguments**

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>url</td>
<td>Web of Science url</td>
</tr>
<tr>
<td>color</td>
<td>color of badge</td>
</tr>
</tbody>
</table>

**Value**

badge in markdown syntax

**Author(s)**

Guangchuang

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**badge_travis**

---

**Description**

travis-ci badge

**Usage**

`badge_travis(ref = NULL, is_commercial = FALSE, branch = NULL)`

**Arguments**

- `ref`: Reference for a GitHub repository. If NULL (the default), the reference is determined by the URL field in the DESCRIPTION file.
- `is_commercial`: Flag to indicate whether or not to use https://travis-ci.com
- `branch`: The GitHub branch. If NULL (the default), the default branch is automatically determined.

**Value**

badge in markdown syntax
Author(s)
Gregor de Cillia

Description
git award rank

Usage
gitaward(user = "guangchuangyu", lang)

Arguments
user user
lang language

Value
rank

Author(s)
Guangchuang Yu

Description
get devel version number of specific package

Usage
ver_devel(pkg = NULL)

Arguments
pkg package. If NULL (the default) the package is determined via the DESCRIPTION file.

Value
devel version
ver_devel

Author(s)

Guangchuang
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