

# Package ‘badger’

June 8, 2024

**Title** Badge for R Package

**Version** 0.2.4

**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** 7.3.1

**NeedsCompilation** no

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## Contents

badge_altmetric . . . . .	2
badge_bioc_download . . . . .	3
badge_bioc_download_rank . . . . .	4
badge_bioc_release . . . . .	4
badge_codecov . . . . .	5
badge_codefactor . . . . .	6
badge_code_size . . . . .	6
badge_coveralls . . . . .	7
badge_cran_checks . . . . .	7
badge_cran_download . . . . .	8
badge_cran_release . . . . .	9
badge_custom . . . . .	9
badge_dependencies . . . . .	10
badge_devel . . . . .	10
badge_doi . . . . .	11
badge_github_actions . . . . .	11
badge_github_release . . . . .	12
badge_github_version . . . . .	12
badge_last_commit . . . . .	13
badge_license . . . . .	13
badge_lifecycle . . . . .	14
badge_repostatus . . . . .	15
badge_runiverse . . . . .	15
badge_sci_citation . . . . .	16
badge_travis . . . . .	16
gitaward . . . . .	17
ver_devel . . . . .	17
<b>Index</b>	<b>19</b>

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badge_altmetric	<i>badge_altmetric</i>
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### Description

altmetric badge

### Usage

```
badge_altmetric(id, color)
```

### Arguments

id	altmetric id
color	color of badge

**Value**

badge in markdown syntax

**Author(s)**

Guangchuang

**Examples**

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

---

`badge_bioc_download`    *badge\_bioc\_download*

---

**Description**

badge of bioconductor download number

**Usage**

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

**Arguments**

<code>pkg</code>	package. If NULL (the default) the package is determined via the DESCRIPTION file.
<code>by</code>	one of total or month
<code>color</code>	badge color
<code>type</code>	one of distinct and total

**Value**

badge in markdown syntax

**Author(s)**

Guangchuang Yu

badge\_bioc\_download\_rank  
*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

---

badge\_bioc\_release    *badge\_bioc\_release*

---

**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*                      *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

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badge_codefactor	<i>CodeFactor badge</i>
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**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.
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**Value**

badge in markdown syntax

**Author(s)**

Alexander Rossell Hayes

---

badge_code_size	<i>badge_code_size</i>
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---

**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      *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

badge\_cran\_checks      *badge\_cran\_checks*

**Description**

CRAN checks badge

**Usage**

badge\_cran\_checks(pkg = NULL, worst = FALSE)

**Arguments**

- pkg                      package. If NULL (the default) the package is determined via the DESCRIPTION file.
- worst                   logical; if FALSE (default) return "summary" badge. If TRUE, return "worst" badge.

**Value**

badge in Markdown syntax

**Author(s)**

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

---

badge\_cran\_download    *badge\_cran\_download*

---

**Description**

badge of CRAN downloads

**Usage**

```
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\_cran\_release      *badge\_cran\_release*

---

**Description**

badge of CRAN version

**Usage**

```
badge_cran_release(pkg = NULL, color = NULL)
```

**Arguments**

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

**Value**

badge in markdown syntax

**Author(s)**

Gregor de Cillia

---

badge\_custom      *badge\_custom*

---

**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

---

badge_dependencies	<i>badge_depedencies</i>
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---

**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

---

badge_devel	<i>badge_devel</i>
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**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

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badge_doi	<i>badge_doi</i>
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---

**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	<i>GitHub Actions badge</i>
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**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\_release    *GitHub Release badge*

---

**Description**

GitHub Release badge

**Usage**

```
badge_github_release(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)**

Matt Schuelke

---

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**

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

**Arguments**

<code>license</code>	The license to use. If NULL (the default), the license is determined via the DESCRIPTION file.
<code>color</code>	badge color
<code>url</code>	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`      *badge\_lifecycle*

---

**Description**

lifecycle badge

**Usage**

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

**Arguments**

<code>stage</code>	lifecycle stage See <a href="https://lifecycle.r-lib.org/articles/stages.html">https://lifecycle.r-lib.org/articles/stages.html</a>
<code>color</code>	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	<i>badge_repostatus</i>
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**Description**

repostatus.org badge

**Usage**

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

**Arguments**

status	project status (Concept, WIP, Suspended, Abandoned, Active, Inactive, Unsupported, Moved). See <a href="https://www.repostatus.org/lifecycle">https://www.repostatus.org/lifecycle</a> for more details.
alt	Alternative text

**Value**

badge in markdown syntax

**Author(s)**

Waldir Leoncio

---

badge_runiverse	<i>r-universe badge</i>
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---

**Description**

r-universe badge

**Usage**

```
badge_runiverse(pkg = NULL, user = NULL)
```

**Arguments**

pkg	Package name. If NULL (the default), the name is determined by the URL field in the DESCRIPTION file.
user	User name. If NULL (the default), the name is determined by the URL field in the DESCRIPTION file.

**Value**

badge in markdown syntax

**Author(s)**

Alexander Rossell Hayes

---

 badge\_sci\_citation     *badge\_sci\_citation*


---

**Description**

SCI citation badge

**Usage**

badge\_sci\_citation(url, color)

**Arguments**

url	Web of Science url
color	color of badge

**Value**

badge in markdown syntax

**Author(s)**

Guangchuang

---

 badge\_travis     *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

---

<i>gitaward</i>	<i>gitaward</i>
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---

**Description**

git award rank

**Usage**

```
gitaward(user = "guangchuangyu", lang)
```

**Arguments**

user	user
lang	language

**Value**

rank

**Author(s)**

Guangchuang Yu

---

<i>ver_devel</i>	<i>ver_devel</i>
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---

**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

**Author(s)**

Guangchuang

# Index

badge\_altmetric, 2  
badge\_bioc\_download, 3  
badge\_bioc\_download\_rank, 4  
badge\_bioc\_release, 4  
badge\_code\_size, 6  
badge\_codecov, 5  
badge\_codefactor, 6  
badge\_coveralls, 7  
badge\_cran\_checks, 7  
badge\_cran\_download, 8  
badge\_cran\_release, 9  
badge\_custom, 9  
badge\_dependencies, 10  
badge\_devel, 10  
badge\_doi, 11  
badge\_download\_bioc  
    (badge\_bioc\_download\_rank), 4  
badge\_github\_actions, 11  
badge\_github\_release, 12  
badge\_github\_version, 12  
badge\_last\_commit, 13  
badge\_license, 13  
badge\_lifecycle, 14  
badge\_repostatus, 15  
badge\_runiverse, 15  
badge\_sci\_citation, 16  
badge\_travis, 16  
  
gitaward, 17  
  
ver\_devel, 17