

# Package ‘badger’

July 31, 2025

**Title** Badge for R Package

**Version** 0.2.5

**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** 7.3.2

**NeedsCompilation** no

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**Repository** CRAN

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|                 |                        |
|-----------------|------------------------|
| badge_altmetric | <i>badge_altmetric</i> |
|-----------------|------------------------|

---

Description

altmetric badge

Usage

badge\_altmetric(id, color, alt = NULL)

Arguments

- |       |                  |
|-------|------------------|
| id    | altmetric id     |
| color | color of badge   |
| alt   | Alternative text |

## Value

badge in markdown syntax

## Author(s)

Guangchuang Yu

## Examples

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

## End(Not run)
```

---

|                     |                            |
|---------------------|----------------------------|
| badge_bioc_download | <i>badge_bioc_download</i> |
|---------------------|----------------------------|

---

## Description

badge of bioconductor download number

## Usage

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

## 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                                                          |
| alt   | Alternative text                                                                   |

## 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, alt = "download")
badge_download_bioc(pkg = NULL, alt = "download")
```

**Arguments**

|     |                                                                                    |
|-----|------------------------------------------------------------------------------------|
| pkg | package. If NULL (the default) the package is determined via the DESCRIPTION file. |
| alt | Alternative text                                                                   |

**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, alt = NULL)
```

**Arguments**

|       |                                                                                    |
|-------|------------------------------------------------------------------------------------|
| pkg   | package. If NULL (the default) the package is determined via the DESCRIPTION file. |
| color | badge color                                                                        |
| alt   | Alternative text                                                                   |

## Value

badge in markdown syntax

## Author(s)

Guangchuang Yu

---

|               |                      |
|---------------|----------------------|
| badge_codecov | <i>badge_codecov</i> |
|---------------|----------------------|

---

## Description

badge of codecov code coverage

## Usage

```
badge_codecov(ref = NULL, token = NULL, branch = NULL, alt = 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 <a href="https://codecov.io/gh/USER/REPO/branch/BRANCH/graph/">https://codecov.io/gh/USER/REPO/branch/BRANCH/graph/</a> |
| branch | The GitHub branch. If NULL (the default), the default branch is automatically determined.                                                                                                              |
| alt    | Alternative text                                                                                                                                                                                       |

## Value

badge in markdown syntax

## Author(s)

Gregor de Cillia

---

|                  |                         |
|------------------|-------------------------|
| badge_codefactor | <i>CodeFactor badge</i> |
|------------------|-------------------------|

---

**Description**

CodeFactor badge

**Usage**

badge\_codefactor(ref = NULL, alt = "CodeFactor")

**Arguments**

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

**Value**

badge in markdown syntax

**Author(s)**

Alexander Rossell Hayes

---

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

---

**Description**

badge of GitHub code size

**Usage**

badge\_code\_size(ref = NULL, alt = NULL)

**Arguments**

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

**Value**

badge in markdown syntax

## Author(s)

Gregor de Cillia

---

|                 |                        |
|-----------------|------------------------|
| badge_coveralls | <i>badge_coveralls</i> |
|-----------------|------------------------|

---

## Description

badge of coveralls code coverage

## Usage

```
badge_coveralls(ref = NULL, branch = NULL, alt = 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.                                       |
| alt    | Alternative text                                                                                                                |

## Value

badge in markdown syntax

## Author(s)

Gregor de Cillia

---

|                   |                          |
|-------------------|--------------------------|
| badge_cran_checks | <i>badge_cran_checks</i> |
|-------------------|--------------------------|

---

## Description

CRAN checks badge

## Usage

```
badge_cran_checks(pkg = NULL, worst = FALSE, alt = "CRAN checks")
```

**Arguments**

|                    |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| <code>pkg</code>   | package. If NULL (the default) the package is determined via the DESCRIPTION file. |
| <code>worst</code> | logical; if FALSE (default) return "summary" badge. If TRUE, return "worst" badge. |
| <code>alt</code>   | Alternative text                                                                   |

**Value**

badge in Markdown syntax

**Author(s)**

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

---

|                                  |                            |
|----------------------------------|----------------------------|
| <code>badge_cran_download</code> | <i>badge_cran_download</i> |
|----------------------------------|----------------------------|

---

**Description**

badge of CRAN downloads

**Usage**

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

**Arguments**

|                    |                                                                                    |
|--------------------|------------------------------------------------------------------------------------|
| <code>pkg</code>   | package. If NULL (the default) the package is determined via the DESCRIPTION file. |
| <code>type</code>  | type of stats. last-month, last-week or "grand-total"                              |
| <code>color</code> | color of badge                                                                     |
| <code>alt</code>   | Alternative text                                                                   |

**Value**

badge in markdown syntax

**Author(s)**

Gregor de Cillia

---

|                    |                           |
|--------------------|---------------------------|
| badge_cran_release | <i>badge_cran_release</i> |
|--------------------|---------------------------|

---

### Description

badge of CRAN version

### Usage

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

### Arguments

|       |                                                                                    |
|-------|------------------------------------------------------------------------------------|
| pkg   | package. If NULL (the default) the package is determined via the DESCRIPTION file. |
| color | color of badge                                                                     |
| alt   | Alternative text                                                                   |

### Value

badge in markdown syntax

### Author(s)

Gregor de Cillia

---

|              |                     |
|--------------|---------------------|
| badge_custom | <i>badge_custom</i> |
|--------------|---------------------|

---

### Description

custom badge

### Usage

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

### Arguments

|       |                  |
|-------|------------------|
| x     | field 1          |
| y     | field 2          |
| color | color            |
| url   | optional url     |
| alt   | Alternative text |

**Value**

customize badge

**Author(s)**

Guangchuang Yu

---

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

---

**Description**

dependency badge

**Usage**

```
badge_dependencies(pkg = NULL, alt = "Dependencies")
```

**Arguments**

|     |                                                                                    |
|-----|------------------------------------------------------------------------------------|
| pkg | package. If NULL (the default) the package is determined via the DESCRIPTION file. |
| alt | Alternative text                                                                   |

**Value**

badge in markdown syntax

**Author(s)**

Dirk Eddelbuettel

---

|             |                    |
|-------------|--------------------|
| badge_devel | <i>badge_devel</i> |
|-------------|--------------------|

---

**Description**

badge of devel version

**Usage**

```
badge_devel(pkg = NULL, color, alt = NULL)
```

## Arguments

|       |                                                                                    |
|-------|------------------------------------------------------------------------------------|
| pkg   | package. If NULL (the default) the package is determined via the DESCRIPTION file. |
| color | badge color                                                                        |
| alt   | Alternative text                                                                   |

## Value

badge in markdown syntax

---

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

---

## Description

doi badge

## Usage

```
badge_doi(doi, color, alt = NULL)
```

## Arguments

|       |                  |
|-------|------------------|
| doi   | doi              |
| color | color            |
| alt   | Alternative text |

## Value

badge

## Author(s)

Guangchuang Yu

## 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",  
  alt = "R build status"  
)
```

**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".                                                             |
| alt    | Alternative text                                                                                                                |

**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, alt = NULL)
```

**Arguments**

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

### 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, alt = NULL)
```

### Arguments

|       |                                                                                    |
|-------|------------------------------------------------------------------------------------|
| pkg   | package. If NULL (the default) the package is determined via the DESCRIPTION file. |
| color | badge color                                                                        |
| alt   | Alternative text                                                                   |

### 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, alt = NULL)
```

**Arguments**

|                     |                                                                                                                                 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <code>ref</code>    | Reference for a GitHub repository. If NULL (the default), the reference is determined by the URL field in the DESCRIPTION file. |
| <code>branch</code> | The GitHub branch. If NULL (the default), the default branch is automatically determined.                                       |
| <code>alt</code>    | Alternative text                                                                                                                |

**Value**

badge in markdown syntax

**Author(s)**

Gregor de Cillia

---

|               |                      |
|---------------|----------------------|
| badge_license | <i>License badge</i> |
|---------------|----------------------|

---

**Description**

License badge

**Usage**

```
badge_license(
  license = NULL,
  color = "blue",
  url = NULL,
  alt = paste("License:", license)
)
```

**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. |
| <code>alt</code>     | Alternative text                                                                                                                                                       |

**Value**

badge in markdown syntax

**Author(s)**

Alexander Rossell Hayes

---

|                 |                        |
|-----------------|------------------------|
| badge_lifecycle | <i>badge_lifecycle</i> |
|-----------------|------------------------|

---

### Description

lifecycle badge

### Usage

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

### Arguments

|       |                                                                                                                                     |
|-------|-------------------------------------------------------------------------------------------------------------------------------------|
| stage | lifecycle stage See <a href="https://lifecycle.r-lib.org/articles/stages.html">https://lifecycle.r-lib.org/articles/stages.html</a> |
| color | color of the badge. If missing, the color is determined by the stage.                                                               |
| alt   | Alternative text                                                                                                                    |

### Value

badge in markdown syntax

### Author(s)

Gregor de Cillia, Waldir Leoncio

---

|                  |                         |
|------------------|-------------------------|
| badge_repostatus | <i>badge_repostatus</i> |
|------------------|-------------------------|

---

### 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> |
|-----------------|-------------------------|

---

**Description**

r-universe badge

**Usage**

```
badge_runiverse(pkg = NULL, user = NULL, alt = "r-universe status badge")
```

**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.    |
| alt  | Alternative text                                                                                      |

**Value**

badge in markdown syntax

**Author(s)**

Alexander Rossell Hayes

---

|                    |                           |
|--------------------|---------------------------|
| badge_sci_citation | <i>badge_sci_citation</i> |
|--------------------|---------------------------|

---

**Description**

SCI citation badge

**Usage**

```
badge_sci_citation(url, color, alt = NULL)
```

**Arguments**

|       |                    |
|-------|--------------------|
| url   | Web of Science url |
| color | color of badge     |
| alt   | Alternative text   |

## Value

badge in markdown syntax

## Author(s)

Guangchuang Yu

---

|              |                     |
|--------------|---------------------|
| badge_travis | <i>badge_travis</i> |
|--------------|---------------------|

---

## Description

travis-ci badge

## Usage

```
badge_travis(ref = NULL, is_commercial = FALSE, branch = NULL, alt = 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.                                       |
| alt           | Alternative text                                                                                                                |

## Value

badge in markdown syntax

## Author(s)

Gregor de Cillia

---

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

---

**Description**

git award rank

**Usage**

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

**Arguments**

|      |          |
|------|----------|
| user | user     |
| lang | language |

**Value**

rank

**Author(s)**

Guangchuang Yu

---

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

---

**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 Yu

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