

Package: stickylabeller (via r-universe)

October 10, 2026

Title Quickly Number Ggplot2 Facets

Version 1.0.0

Description Create facet labels for ggplot2 using the glue package.
Also includes some helpers for sequentially labelling your facets.

Depends R (>= 3.1)

License MIT + file LICENSE

Encoding UTF-8

LazyData true

Imports glue, utils

Suggests dplyr, ggplot2

Roxygen list(markdown = TRUE)

RoxygenNote 7.3.2

Repository <https://jimjam-slam.r-universe.dev>

Date/Publication 2025-03-31 08:36:24 UTC

RemoteUrl <https://github.com/jimjam-slam/stickylabeller>

RemoteRef main

RemoteSha 6027f86e9f95b37e716870481c3bdce60b1991a4

Contents

label_glue	2
make_letters	3
numbering_present	4
Index	5

label_glue	<i>Label facets with a string template.</i>
------------	---

Description

Returns a labeller function that you can give to the `labeller` argument of a `facet_*` function.

Usage

```
label_glue(row_template, col_template, summary_data = NULL, ...)
```

Arguments

<code>row_template</code>	A string to be used as the template by <code>glue::glue_data()</code> .
<code>col_template</code>	A string to be used as the template by <code>glue::glue_data()</code> .
<code>summary_data</code>	A data frame of additional variables to reference in the templates. Must also include the facet grouping variables.
<code>...</code>	Other arguments to be passed to <code>glue::glue_data()</code>

Details

If you're using `label_glue()` with `ggplot2::facet_wrap()` or you're individually supplying labellers to each variable, you only need one string template: `row_template`.

If you're using it with `ggplot2::facet_grid()`, you need to supply two templates: one for the rows (`row_template`) and one for the columns (`col_template`).

If you're using the labeller with `ggplot2::facet_wrap()`, you can also use these variables in the templates:

- `.n` to add numbers to each facet;
- `.l` or `.L` to add lower- or uppercase letters
- `.r` or `.R` to add lower- or uppercase roman numerals.

Value

A labelling function that you can give to the `labeller` argument of the facetting function.

Examples

```
library(ggplot2)
library(stickylabeller)

# wrap facet columns in braces to refer to their values in the labels
p1 <- ggplot(iris, aes(x = Sepal.Length, y = Petal.Length)) + geom_point()
p1 + facet_wrap(
  ~ Species,
  labeller = label_glue("Sepal and petal lengths in {Species} plants"))
```

```

# distinguish panels with .n (numbers), .l (lowercase), .L (uppercase),
# .r or .R (lower- or uppercase roman) if you're using facet_wrap
p1 + facet_wrap(
  ~ Species,
  labeller = label_glue("{.n}) {Species}"))

# you can also use label_glue with facet_grid
p2 <- ggplot(mtcars, aes(x = disp, y = mpg)) + geom_point()
p2 + facet_grid(
  gear ~ cyl,
  labeller = label_glue(
    row_template = "{gear} gears",
    col_template = "{cyl} cylinders"))

# you can add summary statistics in a couple of ways. the easiest (in terms
# of plot code) is to join a summary back into the original data and to add
# the new columns in the facet spec
library(dplyr)
cyl_stats <- mtcars %>%
  group_by(cyl) %>%
  summarise(cyl_n = n(), cyl_meanmpg = sprintf("%#.2f", mean(mpg)))
mtcars_joined <- mtcars %>% inner_join(cyl_stats)

p3 <- ggplot(mtcars_joined, aes(x = disp, y = mpg)) + geom_point()
p3 + facet_wrap(
  ~ cyl + cyl_n + cyl_meanmpg,
  labeller = label_glue(
    "{.l}) {cyl} cylinders\n(n = {cyl_n}, mean = {cyl_meanmpg}"))

```

make_letters

Build a sequence of letters to extend past 26 facets, in the style of spreadsheet column indices (Y, Z, AA, AB, AC, ...).

Description

(Adapted from cellranger::letter_to_num)

Usage

```
make_letters(y)
```

Arguments

y A vector of indices to create letters for

Value

A vector of letters potentially extending past a–z

numbering_present	<i>Detect the use of numbering variables</i>
-------------------	--

Description

Numbering variables are only supported in string templates when using `ggplot2::facet_wrap()`.

Usage

```
numbering_present(template)
```

Arguments

template	The string template to check
----------	------------------------------

Value

A boolean: TRUE if a numbering variable is present.

Index

`ggplot2::facet_grid()`, [2](#)
`ggplot2::facet_wrap()`, [2](#), [4](#)
`glue::glue_data()`, [2](#)

`label_glue`, [2](#)
`label_glue()`, [2](#)

`make_letters`, [3](#)

`numbering_present`, [4](#)