Package: deggust (via r-universe)

July 5, 2026

Title Visualise experimental designs from edibble as ggplot graphics

Version 0.0.0.9000

Description Visualisation of designs as ggplot graphics.

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Encoding UTF-8

Language es

LazyData true

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

Depends ggplot2

Imports magrittr, rlang, grid, magick, edibble (>= 1.1.0), ggnewscale, dplyr

URL http://deggust.emitanaka.org, https://github.com/emitanaka/deggust

BugReports https://github.com/emitanaka/deggust/issues

Suggests testthat, knitr, rmarkdown, ggimage, vdiffr

VignetteBuilder knitr

Config/pak/sysreqs cmake make libmagick++-dev gsfonts libicu-dev libssl-dev

Repository https://emitanaka.r-universe.dev

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RemoteUrl https://github.com/emitanaka/deggust

RemoteRef HEAD

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Contents

`autoplot.edbl_table` *Auto plot or* `ggplot2` *of an edibble design*

Description

Auto plot or `ggplot2` of an edibble design

Usage

```
## S3 method for class 'edbl_table'
autoplot(
  .edibble,
  title = NULL,
  aspect_ratio = 1,
  shape = "circle",
  text = FALSE,
  image = NULL,
  fill = NULL,
  node = NULL,
  horizontal = TRUE
)
```

Arguments

`.edibble`	An edibble desgin, an edibble table or an edibble graph.
`title`	The title of the plot. By default it is the name of the edibble design if available.
`aspect_ratio`	The aspect ratio of the graph.
`shape`	The shape of the unit.
`text`	A logical value of whether to show the text or not. Alternatively, it can be a `ggplot2::element_text()` object to customise other elements of text, e.g., size, font, font face, color, etc.
`image`	An image to use instead of `shape`. The file path to the image should be supplied. If an `image` is supplied, `shape` is ingored.
`fill`	A character vector of variable names to display. Only a maximum of three variables are allowed. Currently, it's assumed that the the variables are discrete. In general, it's assumed that the variables are treatment variables.
`node`	A character vector of variable names. It's assumed that the variables are units.
`horizontal`	A logical value indicating whether the display should be optimized for horizontal display (default) or vertical display. Not yet implemented.
`...`	Unused at the moment.

Value

A `ggplot` object.

scale_aes_select *Change selected scale where multiple scales of same aesthetic exist*

Description

Change selected scale where multiple scales of same aesthetic exist

Usage

```
scale_aes_select(i, f, ...)
```

Arguments

i	An integer denoting the scale number.
f	The scale function or the scale object.
...	The arguments to the scale function f.

See Also

scale_fills

Examples

```
scale_aes_select(1, ggplot2::scale_fill_manual, values = c("red", "white", "blue"))
scale_aes_select(1, ggplot2::scale_fill_manual(values = c("red", "white", "blue")))
```

scale_fills *Colour scales for multiple scales of the same aesthetic*

Description

This function has the same argument as the corresponding ggplot2 scale functions where the index after the aesthetic name is omitted from the function. E.g. scale_fill1_binned has the same argument as scale_filled_binned. Where there is multiple fill scales, the index after the aesthetic name determines which fill scale is modified.

Usage

```
scale_fill1_binned(...)

scale_fill2_binned(...)

scale_fill3_binned(...)
```

```
scale_fill1_brewer(...)

scale_fill2_brewer(...)

scale_fill3_brewer(...)

scale_fill1_continuous(...)

scale_fill2_continuous(...)

scale_fill3_continuous(...)

scale_fill1_date(...)

scale_fill2_date(...)

scale_fill3_date(...)

scale_fill1_datetime(...)

scale_fill2_datetime(...)

scale_fill3_datetime(...)

scale_fill1_discrete(...)

scale_fill2_discrete(...)

scale_fill3_discrete(...)

scale_fill1_manual(...)

scale_fill2_manual(...)

scale_fill3_manual(...)
```

Arguments

...	The arguments for the corresponding scale function.

See Also

scale_aes_select

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