Package 'ggnewscale'

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Language en-GB

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Title Multiple Fill and Colour Scales in 'ggplot2'

Version 0.4.8

Description Use multiple fill and colour scales in 'ggplot2'.

License GPL-3

URL https://eliocamp.github.io/ggnewscale/

BugReports https://github.com/eliocamp/ggnewscale/issues

Encoding UTF-8

Imports ggplot2 (>= 3.0.0)

RoxygenNote 7.2.1

Suggests testthat, vdiffr, covr

NeedsCompilation no

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R topics documented:

new_scale *Adds a new scale to a plot*

Description

Creates a new scale "slot". Geoms added to a plot after this function will use a new scale definition.

Usage

```
new_scale(new_aes)

new_scale_fill()

new_scale_color()

new_scale_colour()
```

Arguments

new_aes	A string with the name of the aesthetic for which a new scale will be created.

Details

new_scale_color(), new_scale_colour() and new_scale_fill() are just aliases to new_scale("color"), etc...

Examples

```
library(ggplot2)

# Equivalent to melt(volcano), but we don't want to depend on reshape2
topography <- expand.grid(x = 1:nrow(volcano),
                          y = 1:ncol(volcano))
topography$z <- c(volcano)

# point measurements of something at a few locations
measurements <- data.frame(x = runif(30, 1, 80),
                           y = runif(30, 1, 60),
                           thing = rnorm(30))

ggplot(mapping = aes(x, y)) +
  geom_contour(data = topography, aes(z = z, color = stat(level))) +
  # Color scale for topography
  scale_color_viridis_c(option = "D") +
  # geoms below will use another color scale
  new_scale_color() +
  geom_point(data = measurements, size = 3, aes(color = thing)) +
  # Color scale applied to geoms added after new_scale_color()
  scale_color_viridis_c(option = "A")
```

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