Package ‘gggrid’

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Type Package

Title Draw with 'grid' in 'ggplot2'

Version 0.2-0

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Description An extension of 'ggplot2' that makes it easy to add raw 'grid' output, such as customised annotations, to a 'ggplot2' plot.

Depends grid, ggplot2

Suggests knitr, rmarkdown, vwline


VignetteBuilder knitr

License GPL-3

NeedsCompilation no

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Repository CRAN

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Description

Adds a layer to a ggplot2 plot based on a raw grid grob or on a function that generates a 'grid' grob.

Usage

```r
grid_panel(grob = nullGrob(),
           mapping = NULL, data = NULL, stat = "identity",
           position = "identity", inherit.aes = TRUE,
           show.legend = FALSE, key_glyph = NULL,
           debug = NULL, ...)
grid_group(grob = nullGrob(),
           mapping = NULL, data = NULL, stat = "identity",
           position = "identity", inherit.aes = TRUE,
           show.legend = FALSE, key_glyph = NULL,
           debug = NULL, ...)
```

Arguments

- `grob` Either a grid grob or a function. The function must accept two arguments (data and coords) and must return a grid grob.
- `mapping`, `data`, `stat`, `position`, `inherit.aes`
  Standard arguments to a ggplot2 Geom.
- `debug`
  Either NULL or a function. The function must accept two arguments (data and coords) and will usually just print debugging output of some kind.
- `show.legend` Logical indicating whether grob should contribute to the legend.
- `key_glyph` A function to draw the key glyph in the legend.
- `...` Other arguments passed on to ggplot2::layer().

Details

The `grid_panel()` function will draw the grob, or call the grob function, once for each ggplot2 panel.

The `grid_group()` function will draw the grob, or call the grob function, once for each ggplot2 group.

Note

When adding a key_glyph, the call to `grid_panel()` or `grid_group()` must include an explicit mapping.
grid_panel

Author(s)
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Examples

tg <- textGrob("label",
               x=unit(1, "npc") - unit(2, "mm"),
               y=unit(1, "npc") - unit(2, "mm"),
               just=c("right", "top"))
ggplot(mtcars) +
       geom_point(aes(disp, mpg)) +
       grid_panel(tg)
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