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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Add a grid Layer.

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.
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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