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

URL https://github.com/pmur002/gggrid,https://stattech.wordpress.fos.auckland.ac.
nz/2021/05/31/2021-01-accessing-grid-from-ggplot2/

VignetteBuilder knitr

License GPL-3

NeedsCompilation no

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Repository CRAN

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grid_panel   *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

```
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.

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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