Package ‘wsjplot’

October 22, 2020

Version 0.1.0

Title Style Time Series Plots Like the Wall Street Journal

Description Easily override the default visual choices in ‘ggplot2’ to make your time series plots look more like the Wall Street Journal. Specific theme design choices include omitting x-axis grid lines and displaying sparse light grey y-axis grid lines. Additionally, this allows to label the y-axis scales with your units only displayed on the top-most number, while also removing the bottom most number (unless specifically overridden). The goal is visual simplicity, because who has time to waste looking at a cluttered graph?

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Encoding UTF-8

LazyData true

RoxygenNote 7.1.1

Imports ggplot2, magrittr, stringr, scales, dplyr

Suggests testthat

NeedsCompilation no

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Repository CRAN

Date/Publication 2020-10-22 09:10:02 UTC

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label_wsj

Label plots like the wall street journal i.e. display the units only on the top tick of the graph

**Description**

Label plots like the wall street journal i.e. display the units only on the top tick of the graph.

**Usage**

```
label_wsj(prefix = "$", suffix = "", rm.bottom = TRUE, accuracy = NA, ...)
```

**Arguments**

- `prefix`: character, the unit label to prefix on the max number of the y-axis.
- `suffix`: character, the unit label to append on the max number of the y-axis.
- `rm.bottom`: logical, remove the lowest number?
- `accuracy`: double, the precision for labels e.g. 1, 0.1, or 0.01.
- `...`: args passed to `scales::label_comma(...)`

**Examples**

```r
library(ggplot2)
'\%>\%' <- magrittr::'\%>\%

plt <- economics_long %>%
dplyr::filter(variable %in% c("psavert", "uempmed")) %>%
ggplot(aes(date, value, color = variable)) +
geom_line() +
scale_y_continuous(
  labels = label_wsj(prefix = "$", suffix = " %")
) +
theme_wsj() +
labs(
  title = "Some Economics Plot",
  caption = "Source: Top secret."
)
```
theme_wsj

Make timeseries graphs look like the Wall Street Journal

Description

Make timeseries graphs look like the Wall Street Journal

Usage

```r
theme_wsj()
```

Examples

```r
library(ggplot2)
'camera.4' <- magrittr::'camera.4'

plt <- economics_long %>%
dplyr::filter(variable %in% c("psavert", "uempmed")) %>%
ggplot(aes(date, value, color = variable)) +
geom_line() +
scale_y_continuous(
  labels = label_wsj(suffix = "M")
) +
scale_color_discrete(
  labels = c("Series 1", "Series 2")
) +
theme_wsj() +
labs(
  title = "Some Economics Plot",
  caption = "Source: Top secret.",
  y = ""
)
```
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