

# 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?

**License** MIT + file LICENSE

**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	<i>Label plots like the wall street journal i.e. display the units only on the top tick of the graph</i>
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### 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

```
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."
  )
)
```

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`theme_wsj`*Make timeseries graphs look like the the Wall Street Journal*

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**Description**

Make timeseries graphs look like the the Wall Street Journal

**Usage**

```
theme_wsj()
```

**Examples**

```
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(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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