

Package ‘mdthemes’

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Title Markdown Themes for 'ggplot2'

Version 0.1.0

Description A collection of 'ggplot2' themes that render text as markdown/HTML. This enables the creation of complex formatted plot labels, e.g. titles with individual words highlighted in different colors.

Depends R (>= 3.5)

Imports cowplot, hrbrthemes, ggplot2 (>= 3.3.0), ggtext, ggthemes, tvthemes

Suggests glue

License MIT + file LICENSE

Encoding UTF-8

LazyData true

RoxygenNote 7.1.0

NeedsCompilation no

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`as_md_theme`*Turn a Usual Theme into a Markdown Theme*

Description

Transform any {ggplot2} theme into a theme that renders text as markdown

Usage

```
as_md_theme(theme, all_plain = TRUE)
```

Arguments

<code>theme</code>	An object of class theme
<code>all_plain</code>	logical. Should all text be plain by default?

Value

An object of class theme that can be added to any ggplot

Examples

```
library(ggplot2)
data(mtcars)

# Create a custom theme
my_theme <- theme_gray() +
  theme(
    panel.grid.minor = element_blank(),
    panel.grid.major = element_blank()
  )
p <- ggplot(mtcars, aes(hp)) +
  geom_histogram() +
  ggtitle("Mixing bold and italics is easy")

# Text is not rendered
p + my_theme

# Text is rendered properly
p + as_md_theme(my_theme)
```

md_theme_avatar	<i>tvthemes</i> Markdown Themes
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Description

{tvthemes} themes supporting markdown syntax

Usage

```
md_theme_avatar(...)  
md_theme_brooklyn99(...)  
md_theme_hildaDay(...)  
md_theme_hildaDusk(...)  
md_theme_hildaNight(...)  
md_theme_parksAndRec(...)  
md_theme_parksAndRec_light(...)  
md_theme_parksAndRecLight(...)  
md_theme_rickAndMorty(...)  
md_theme_simpsons(...)  
md_theme_spongeBob(...)  
md_theme_theLastAirbender(...)
```

Arguments

... Arguments passed on to the corresponding theme in package {tvthemes}

Value

An object of class theme that can be added to any ggplot

See Also

[as_md_theme\(\)](#)

Examples

```
library(ggplot2)
data(mtcars)

p <- ggplot(mtcars, aes(hp, mpg)) +
  geom_point() +
  labs(
    title = "A title",
    subtitle = "An subtitle",
    caption = "A 
```

md_theme_base

ggthemes Markdown Themes

Description

{ggthemes} themes supporting markdown syntax

Usage

```
md_theme_base(...)
md_theme_calc(...)
md_theme_clean(...)
md_theme_economist(...)
md_theme_economist_white(...)
md_theme_excel(...)
md_theme_excel_new(...)
md_theme_few(...)
md_theme_fivethirtyeight(...)
md_theme_foundation(...)
```

```
md_theme_gdocs(...)
md_theme_hc(...)
md_theme_igray(...)
md_theme_map_gg(...)
md_theme_pander(...)
md_theme_par(...)
md_theme_solarized(...)
md_theme_solarized_2(...)
md_theme_solid(...)
md_theme_stata(...)
md_theme_tufte(...)
md_theme_wsj(...)
```

Arguments

... Arguments passed on to the corresponding theme in package {ggthemes}

Value

An object of class theme that can be added to any ggplot

See Also

[as_md_theme\(\)](#)

Examples

```
library(ggplot2)
data(mtcars)

p <- ggplot(mtcars, aes(hp, mpg)) +
  geom_point() +
  labs(
    title = "A title",
    subtitle = "An subtitle",
    caption = "A 
```

```
p  
  
# By adding an 'md' theme the text is rendered properly  
p + md_theme_excel_new()
```

md_theme_cowplot *cowplot Markdown Themes*

Description

{cowplot} themes supporting markdown syntax

Usage

```
md_theme_cowplot(...)  
md_theme_half_open(...)  
md_theme_map_cow(...)  
md_theme_minimal_grid(...)  
md_theme_minimal_hgrid(...)  
md_theme_minimal_vgrid(...)  
md_theme_nothing(...)
```

Arguments

... Arguments passed on to the corresponding theme in package {cowplot}

Value

An object of class theme that can be added to any ggplot

See Also

[as_md_theme\(\)](#)

Examples

```
library(ggplot2)  
data(mtcars)  
  
p <- ggplot(mtcars, aes(hp, mpg)) +  
  geom_point() +  
  labs(
```

```

    title = "A bold title",
    subtitle = "An italics subtitle",
    caption = "A 

```

md_theme_ft_rc

hrbrthemes Markdown Themes

Description

{hrbrthemes} themes supporting markdown syntax

Usage

```

md_theme_ft_rc(...)

md_theme_ipsum(...)

md_theme_ipsum_ps(...)

md_theme_ipsum_rc(...)

md_theme_ipsum_tw(...)

md_theme_modern_rc(...)

```

Arguments

... Arguments passed on to the corresponding theme in package {hrbrthemes}

Value

An object of class theme that can be added to any ggplot

See Also

[as_md_theme\(\)](#)

Examples

```
library(ggplot2)
data(mtcars)

p <- ggplot(mtcars, aes(hp, mpg)) +
  geom_point() +
  labs(
    title = "A title",
    subtitle = "An subtitle",
    caption = "A 
```

md_theme_gray

ggplot2 Markdown Themes

Description

{ggplot2} themes supporting markdown syntax

Usage

```
md_theme_gray(...)
md_theme_grey(...)
md_theme_bw(...)
md_theme_linedraw(...)
md_theme_light(...)
md_theme_dark(...)
md_theme_minimal(...)
md_theme_classic(...)
```

Arguments

... Arguments passed on to the corresponding theme in package {ggplot2}

Value

An object of class theme that can be added to any ggplot

See Also

[as_md_theme\(\)](#)

Examples

```
library(ggplot2)
data(mtcars)

p <- ggplot(mtcars, aes(hp, mpg)) +
  geom_point() +
  labs(
    title = "A bold title",
    subtitle = "An italics subtitle",
    caption = "A 
```

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