Package: uiothemes (via r-universe)

October 1, 2026

Type Package

Title Branding themes for the University of Oslo, Norway

Version 0.1.0

Description Contains templates, themeing files and functions. Made specifically for branding purposes for the University of Oslo.

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Encoding UTF-8

LazyData true

Imports ggplot2, distill, xaringan, whisker

Suggests roxygen2, knitr

RoxygenNote 7.1.1

Config/pak/sysreqs cmake make libicu-dev libpng-dev libuv1-dev libxml2-dev libssl-dev zlib1g-dev

Repository https://drmowinckels.r-universe.dev

Date/Publication 2020-10-29 11:02:02 UTC

RemoteUrl https://github.com/drmowinckels/uiothemes

RemoteRef HEAD

RemoteSha 1652f76275e1da120f9174b81223ee00de0ba273

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scale_colour_uio *Colour and fill scale constructors for UiO colors*

Description

These scale functions help alter ggplot2 colour and fill to colours in the UiO branding scheme. See the colour palettes in uio_pal for variations you can choode from.

Usage

```
scale_colour_uio(palette = "redblack", discrete = TRUE, reverse = FALSE, ...)

scale_color_uio(palette = "redblack", discrete = TRUE, reverse = FALSE, ...)

scale_fill_uio(palette = "redblack", discrete = TRUE, reverse = FALSE, ...)
```

Arguments

palette	Character name of palette in uio_pal.
discrete	Logical indicating whether colour aesthetic is discrete or not
reverse	Logical indicating whether the palette should be reversed
...	Additional arguments passed to discrete_scale or scale_color_gradientn, used respectively when discrete is TRUE or FALSE

Examples

```
library(ggplot2)

ggplot(mtcars, aes(mpg, disp, colour = cyl)) +
   geom_point(size = 5) +
   scale_colour_uio(discrete = FALSE)

ggplot(mtcars, aes(mpg, disp, colour = cyl)) +
   geom_point(size = 5) +
   scale_colour_uio(discrete = FALSE, reverse = TRUE)

ggplot(mtcars, aes(mpg, disp, colour = cyl)) +
   geom_point(size = 5) +
   scale_colour_uio(discrete = FALSE)

ggplot(mtcars, aes(mpg, disp, colour = factor(cyl))) +
   geom_point(size = 5) +
   scale_colour_uio()
```

theme_uio *ggplot themes for uio*

Description

A selection of themes that fit with the UiO branding instructions.

Usage

```
theme_uio(base_size = 10)

theme_uio_dark(base_size = 10)

theme_uio_void(base_size = 10)

theme_uio_dark_void(base_size = 10)
```

Arguments

base_size	text size

Details

- theme_uio - base theme for UiO
- theme_uio_dark - dark/inverted version of base theme
- theme_uio_void - base theme without axis information or grid
- theme_uio_darl_void - dark/inverted theme without axis information or grid

Examples

```
## Not run:
library(ggplot2)

ggplot(mtcars, aes(mpg, disp, colour = cyl)) +
   geom_point(size = 5) +
   theme_uio()

ggplot(mtcars, aes(mpg, disp, colour = cyl)) +
   geom_point(size = 5) +
   theme_uio_dark()

ggplot(mtcars, aes(mpg, disp, colour = cyl)) +
   geom_point(size = 5) +
   theme_uio_void()

ggplot(mtcars, aes(mpg, disp, colour = factor(cyl))) +
   geom_point(size = 5) +
   theme_uio_dark_void()
```

```
## End(Not run)
```

`uio_cols` *Function to extract uio colours as hex codes*

Description

Function to extract uio colours as hex codes

Usage

```
uio_cols(...)
```

Arguments

`...`	Character names of uio_colors

`uio_font` *UiO theme fonts*

Description

Returns family name of UiO fonts, to be used in plots. If for instance used the the ggplot2-theme functions.

Usage

```
uio_font(type = c("body", "title"))
```

Arguments

`type`	body or title font type

`uio_pal` *Return function to interpolate a uio color palette*

Description

Return function to interpolate a uio color palette

Usage

```
uio_pal(palette = "redblack", reverse = FALSE, ...)
```

Arguments

`palette`	Character name of palette in uio_palettes
`reverse`	Logical indicating whether the palette should be reversed
`...`	Additional arguments to pass to `colorRampPalette`

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