

Package: time.slots (via r-universe)

October 10, 2024

Title Display Data in a Weekly Calendar View

Version 0.2.0

Description Generate weekly timetables as a ggplot2 layer. Add informative timeslots with elements such as title, key-value pairs, or colour to reveal trends.

License MIT + file LICENSE

URL <https://bitbucket.org/annalectnz/time.slots>

BugReports <https://bitbucket.org/annalectnz/time.slots/issues>

Imports dplyr, ggfittext, ggplot2, lubridate, scales

Suggests testthat (>= 3.0.0), tidy

Config/testthat/edition 3

Encoding UTF-8

RoxygenNote 7.1.2

NeedsCompilation no

Author Mukti Rathod [aut, cre], Harel Lustiger [ctb]

Maintainer Mukti Rathod <mukti.rathod@annalect.com>

Repository CRAN

Date/Publication 2022-04-22 09:20:02 UTC

Contents

geom_weekly_timeslots	2
SlotsDetails	2
Index	4

`geom_weekly_timeslots` *Construct geom_weekly_timeslots function*

Description

Construct `geom_weekly_timeslots` function

Usage

```
geom_weekly_timeslots(mapping = NULL, data = NULL, ...)
```

Arguments

<code>mapping</code>	Set of aesthetic mappings created by <code>aes()</code> or <code>aes_()</code> . If specified and <code>inherit.aes = TRUE</code> (the default), it is combined with the default mapping at the top level of the plot. You must supply <code>mapping</code> if there is no plot mapping.
<code>data</code>	(SlotsDetails) A SlotsDetails data table.
<code>...</code>	Other arguments passed on to <code>layer()</code> . These are often aesthetics, used to set an aesthetic to a fixed value, like <code>colour = "red"</code> or <code>size = 3</code> . They may also be parameters to the paired <code>geom/stat</code> .

Value

(ggplot) A ggplot object.

Examples

```
geom_weekly_timeslots(data = SlotsDetails())
```

`SlotsDetails` *Construct SlotsDetails value object*

Description

Construct `SlotsDetails` value object

Usage

```
SlotsDetails(  
  start_datetime = NA,  
  end_datetime = NA,  
  title = NA_character_,  
  body = list(NA_character_)  
)
```

Arguments

- `start_datetime` (POSIXct) Is the start of the time slot. For example "2022-03-16 10:00:00".
- `end_datetime` (POSIXct) Is the end of the time slot. For example "2022-03-16 11:30:00".
- `title` (character) Is the title of the time slot. For example "News 1".
- `body` (list) Is a nested list with name value pairs of the time slot details. For example `list(cost = "$1200", TARP = 5)`.

Value

(data.frame) Is a long dataframe of time slots.

Examples

```
SlotsDetails()
```

Index

`aes()`, [2](#)

`aes_()`, [2](#)

`geom_weekly_timeslots`, [2](#)

`layer()`, [2](#)

`SlotsDetails`, [2](#), [2](#)