Package ‘time.slots’

October 14, 2022

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), tidyr
Config/testthat/edition  3
Encoding  UTF-8
RoxygenNote  7.1.2
NeedsCompilation  no
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Repository  CRAN
Date/Publication  2022-04-22 09:20:02 UTC

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**geom_weekly_timeslots**  
*Construct geom_weekly_timeslots function*

**Description**  
Construct geom_weekly_timeslots function

**Usage**  
```r  
geom_weekly_timeslots(mapping = NULL, data = NULL, ...)  
```

**Arguments**

- **mapping**  
  Set of aesthetic mappings created by `aes()` or `aes()`. If specified and `inherit.aes` = TRUE (the default), it is combined with the default mapping at the top level of the plot. You must supply `mapping` if there is no plot mapping.

- **data**  
  (SlotsDetails) A SlotsDetails data table.

- **...**  
  Other arguments passed on to `layer()`. These are often aesthetics, used to set an aesthetic to a fixed value, like `colour = "red"` or `size = 3`. They may also be parameters to the paired geom/stat.

**Value**  
```r  
(ggplot) A ggplot object.  
```

**Examples**  
```r  
geom_weekly_timeslots(data = SlotsDetails())  
```

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**SlotsDetails**  
*Construct SlotsDetails value object*

**Description**  
Construct SlotsDetails value object

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

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

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