Package ‘time.slots’

April 22, 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
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**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**

- `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_)
)
```
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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