

Package ‘time.slots’

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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.

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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

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`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 mapping 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 geom/stat.

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()
```

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