Package ‘ftExtra’

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Title  Extensions for 'Flextable'
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Description  Build display tables easily by extending the
functionality of the 'flextable' package. Features include spanning
headers, grouping rows, parsing markdown texts and so on.
License  MIT + file LICENSE
URL  https://github.com/atusy/ftExtra
BugReports  https://github.com/atusy/ftExtra/issues
Imports  dplyr, jsonlite, flextable, tidyr, purrr, magrittr, rmarkdown,
          rlang, stringr, tidyselect
Suggests  testthat (>= 2.1.0), tibble, knitr
VignetteBuilder  knitr
Encoding  UTF-8
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LazyData  true
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NeedsCompilation  no
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R topics documented:

    as_flextable_methods .......................... 2
    colformat_md ......................... 3
    separate_header ....................... 3
    span_header .......................... 4
    with_blanks .......................... 5
as_flextable_methods  

**Description**

This is a convenient function to let users create flextable bindings from any objects.

**Usage**

```r
## S3 method for class 'grouped_df'
as_flextable(
x,
groups_to = c("titles", "merged", "asis"),
groups_pos = c("left", "asis"),
...
)
```

```r
## S3 method for class 'data.frame'
as_flextable(x, col_keys = names(x), ...)
```

**Arguments**

- `x` object to be transformed as flextable
- `groups_to` One of titles, merged, or asis. See examples for the result.
- `groups_pos` When `groups_to = "merged"`, grouping columns are reordered according to `group_pos`. Choices are left (default) or asis.
- `...` arguments for custom methods
- `col_keys` columns names/keys to display. If some column names are not in the dataset, they will be added as blank columns by default.

**Examples**

```r
# For grouped_df
grouped_df <- iris %>% dplyr::group_by(Species) %>% dplyr::slice(1, 2)

as_flextable(grouped_df, groups_to = 'titles')
as_flextable(grouped_df, groups_to = 'titles', hide_grouplabel = TRUE)
as_flextable(grouped_df, groups_to = 'merged')
as_flextable(grouped_df, groups_to = 'asis')
```

```r
# For data.frame
iris %>% head %>% as_flextable()
```
colformat_md

Format character columns as markdown text

Description

Format character columns as markdown text

Usage

colformat_md(x)

Arguments

x

A flextable object

Examples

if (rmarkdown::pandoc_available()) {
  data.frame(
    x = c("**bold**", "*italic*" ),
    y = c("^superscript^", "~subscript~"),
    z = c("***^ft~Extra~** is*", "*Cool*"

  )
}

separate_header

Separate the header based on delimiters

Description

Separate the header based on delimiters

Usage

separate_header(
  x,
  sep = "[_.\.]",
  theme_fun = flextable::theme_booktabs,

)
span_header

Arguments

- x: A flextable object
- sep: Separator between columns.
  - If character, is interpreted as a regular expression. The default value is a regular expression that matches any sequence of non-alphanumeric values.
  - If numeric, interpreted as positions to split at. Positive values start at 1 at the far-left of the string; negative value start at -1 at the far-right of the string. The length of sep should be one less than into.
- theme_fun: a function theme to apply before returning the flextable. set to NULL for none.
- ...: Passed to theme_fun

Examples

iris %>% as_flextable %>% span_header
**with_blanks**

Specify blank columns easily via `col_keys`

**Description**

Specifying blank columns easily via `col_keys`.

**Usage**

```r
with_blanks(after = NULL, before = NULL)
```

**Arguments**

- `after`, `before`: Blank columns are added after/before the selected columns. Selections can be done by the semantics of `dplyr::select`.

**Examples**

```r
iris %>%
  as_flextable(col_keys = with_blanks(dplyr::ends_with('Width')))
```
Index

as_flextable.data.frame (as_flextable_methods), 2
as_flextable.grouped_df (as_flextable_methods), 2
as_flextable_methods, 2

colformat_md, 3
separate_header, 3
span_header, 4

with_blanks, 5