Package: xlcutter (via r-universe)

August 8, 2024

Title Parse Batches of 'xlsx' Files Based on a Template

Version 0.1.1.9000

Description Parse entire folders of non-rectangular 'xlsx' files into a single rectangular and tidy 'data.frame' based on a custom template file defining the column names of the output.

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Config/testthat/edition 3

Encoding UTF-8

Language en-GB

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.3

Depends R (>= 3.3.0)

Imports tidyxl

Suggests knitr, rmarkdown, testthat (>= 3.0.0)

VignetteBuilder knitr

URL https://github.com/Bisaloo/xlcutter, https://hugogruson.fr/xlcutter/

BugReports https://github.com/Bisaloo/xlcutter/issues

Repository https://bisaloo.r-universe.dev

RemoteUrl https://github.com/Bisaloo/xlcutter

RemoteRef HEAD

RemoteSha e111281a441f7b68d0ecd964409b52ec206a6c8c

Contents

validate_xltemplate *Validate an xlsx template file to use in* xlsx_cutter()

Description

Validate an xlsx template file to use in xlsx_cutter()

Usage

```
validate_xltemplate(
  template_file,
  template_sheet = 1,
  marker_open = "{{",
  marker_close = "}}",
  minimal = FALSE,
  error = FALSE
)
```

Arguments

template_file	path to the template file to use as a model to parse the xlsx files in data_folder
template_sheet	sheet id of the template file to use as a model to parse the xlsx files in data_folder
marker_open, marker_close	character marker to mark the variables to extract in the template_file
minimal	Logical (default to FALSE) saying whether the template should contain only variables delimited by markers and nothing else, or if extra text can be included (and ignored)
error	Logical (defaults to TRUE) saying whether failed validations should result in an error (TRUE) or a warning (FALSE)

Value

TRUE if the template is valid, FALSE otherwise

Examples

```
# Valid template
validate_xltemplate(
  system.file("example", "timesheet_template.xlsx", package = "xlcutter")
)

# Invalid templates
validate_xltemplate(
  system.file("example", "template_duped_vars.xlsx", package = "xlcutter")
)

validate_xltemplate(
```

```
  system.file("example", "template_fluff.xlsx", package = "xlcutter"),
  minimal = TRUE
)
```

`xlsx_cutter` *Create a data.frame from a folder of non-rectangular excel files*

Description

Create a data.frame from a folder of non-rectangular excel files based on a defined custom template

Usage

```
xlsx_cutter(
  data_files,
  template_file,
  data_sheet = 1,
  template_sheet = 1,
  marker_open = "{{",
  marker_close = "}}"
)
```

Arguments

`data_files`	vector of paths to the xlsx files to parse
`template_file`	path to the template file to use as a model to parse the xlsx files in `data_folder`
`data_sheet`	sheet id to extract from the xlsx files
`template_sheet`	sheet id of the template file to use as a model to parse the xlsx files in `data_folder`
`marker_open`, `marker_close`	character marker to mark the variables to extract in the `template_file`

Value

A rectangular `data.frame` with columns as defined in the template. Column types are determined automatically by `type.convert()`

Examples

```
data_files <- list.files(
  system.file("example", "timesheet", package = "xlcutter"),
  pattern = "\\.xlsx$",
  full.names = TRUE
)

template_file <- system.file(
  "example", "timesheet_template.xlsx",
  package = "xlcutter"
```

```
)

xlsx_cutter(
  data_files,
  template_file
)
```

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