Package: kwb.readxl (via r-universe)

September 15, 2024

Title Read Data From Excel Files

Version 0.1.0

Description This package is based on the package readxl. It provides functions that read all Excel sheets as pure text and then try to split each sheet into a set of line ranges that are assumed to represent single tables.

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URL https://github.com/KWB-R/kwb.readxl

BugReports https://github.com/KWB-R/kwb.readxl/issues

Imports cellranger, crayon, kwb.event, kwb.utils, readxl, stringr

Suggests covr, kwb.file, testthat, knitr, rmarkdown

Remotes github::kwb-r/kwb.event, github::kwb-r/kwb.file, github::kwb-r/kwb.utils

ByteCompile true

Encoding UTF-8

LazyData true

RoxygenNote 7.0.2

VignetteBuilder knitr

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

RemoteUrl https://github.com/KWB-R/kwb.readxl

RemoteRef HEAD

RemoteSha a4139b8734f19e0c87535d0b74677679aa1c61c4

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get_raw_text_from_xlsx

Read Excel Sheets into List of Character Matrices

Description

This function reads all (given) sheets of one Excel file into a list of character matrices. The idea of this function is to return the content of the Excel sheets as pure raw text information. No type conversion is performed. Empty rows at the beginning are not skipped which is the default behaviour of `read_xlsx` that is called under the hood.

Usage

```
get_raw_text_from_xlsx(file, sheets = NULL, dbg = TRUE)
```

Arguments

`file`	full path to Excel file
`sheets`	name(s) of sheet(s) to be read, in a vector of character. If `NULL`, all sheets are read.
`dbg`	if `TRUE`, debug messages are shown

Examples

```
# Path to example file
file <- system.file("extdata", "example.xlsx", package = "kwb.readxl")

# Read all sheets
sheet_text <- kwb.readxl::get_raw_text_from_xlsx(file)

# Have a look at the first rows of the first sheet
head(sheet_text$sheet_01)
```

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