Package 'readODS'

November 26, 2018

Type Package

Title Read and Write ODS Files

Version 1.6.7

Date 2018-11-25

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Contact https://github.com/chainsawriot/readODS/

Description Import ODS (OpenDocument Spreadsheet) into R as a data frame. Also support writing data frame into ODS file.

Imports xml2 (>= 1.0.0), cellranger, readr, stringi

Suggests dplyr, testthat, datasets

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RoxygenNote 6.1.1

NeedsCompilation no

Repository CRAN

Date/Publication 2018-11-26 05:40:03 UTC

R topics documented:

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get_num_sheet_in_ods   *get the number of sheets in an ods file*

Description

get the number of sheets in an ods file

Usage

```
get_num_sheet_in_ods(file)

getNrOfSheetsInODS(file)
```

Arguments

file   the name of the ods file

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See Also

use [read_ods](#) to read the data

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ods_sheets   *List all sheets in an ods file.*

Description

List all sheets in an ods file.

Usage

```
ods_sheets(path)
```

Arguments

path   Path to the ods file

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read_ods   *read data from ods files*

Description

read_ods is a function to read a single sheet from an ods file and return a data frame. read.ods always returns a list of data frames with one data frame per sheet. This is a wrapper to read_ods for backward compatibility with previous version of readODS. Please use read_ods if possible.

Usage

```
read_ods(path = NULL, sheet = 1, col_names = TRUE,
  col_types = NULL, na = "", skip = 0, formula_as_formula = FALSE,
  range = NULL)

read.ods(file = NULL, sheet = NULL, formulaAsFormula = FALSE)
```

Arguments

path	path to the ods file.
sheet	sheet to read. Either a string (the sheet name), or an integer sheet number. The default is 1.
col_names	indicating whether the file contains the names of the variables as its first line.
col_types	Either NULL to guess from the spreadsheet or refer to readr::type_convert to specify cols specification. NA will return a data frame with all columns being "characters".
na	Character vector of strings to use for missing values. By default read_ods converts blank cells to missing data.
skip	the number of lines of the data file to skip before beginning to read data.
formula_as_formula	
	a switch to display formulas as formulas "SUM(A1:A3)" or as the resulting value "3"... or "8"..
range	selection of rectangle using Excel-like cell range, such as range = "D12:F15" or range = "R1C12:R6C15". Cell range processing is handled by the [cellranger](#) package.
file	for read.ods only, path to the ods file.
formulaAsFormula	
	for read.ods only, a switch to display formulas as formulas "SUM(A1:A3)" or as the resulting value "3"... or "8"..

Value

A data frame (data.frame) containing a representation of data in the ods file.

Note

Currently, ods files that linked to external data source cannot be read. Merged cells cannot be parsed correctly.

Author(s)

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write_ods   *write data to ods file*

Description

Function to write a single data.frame to an ods file and return a data frame.

Usage

```
write_ods(x, path)
```

Arguments

x	a data.frame
path	Path to the ods file to write.

Value

the value of path invisibly.

Author(s)

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