

Package ‘writexl’

October 18, 2022

Type Package

Title Export Data Frames to Excel 'xlsx' Format

Version 1.4.1

Description Zero-dependency data frame to xlsx exporter based on 'libxlsxwriter'.
Fast and no Java or Excel required.

License BSD_2_clause + file LICENSE

Encoding UTF-8

URL <https://docs.ropensci.org/writexl/> (website)

<https://github.com/ropensci/writexl> (devel)

<https://libxlsxwriter.github.io> (upstream)

BugReports <https://github.com/ropensci/writexl/issues>

RoxygenNote 7.0.2

Suggests spelling, readxl, nycflights13, testthat, bit64

Language en-US

NeedsCompilation yes

Author Jeroen Ooms [aut, cre] (<<https://orcid.org/0000-0002-4035-0289>>),
John McNamara [cph] (Author of libxlsxwriter (see AUTHORS and COPYRIGHT
files for details))

Maintainer Jeroen Ooms <jeroen@berkeley.edu>

Repository CRAN

Date/Publication 2022-10-18 10:10:02 UTC

R topics documented:

lxw_version	2
write_xlsx	2
xl_formula	3

Index	4
--------------	----------

lxw_version	<i>Version</i>
-------------	----------------

Description

Shows version of bundled libxlsxwriter.

Usage

```
lxw_version()
```

write_xlsx	<i>Export to xlsx</i>
------------	-----------------------

Description

Writes a data frame to an xlsx file. To create an xlsx with (multiple) named sheets, simply set `x` to a named list of data frames.

Usage

```
write_xlsx(  
  x,  
  path = tempfile(fileext = ".xlsx"),  
  col_names = TRUE,  
  format_headers = TRUE,  
  use_zip64 = FALSE  
)
```

Arguments

<code>x</code>	data frame or named list of data frames that will be sheets in the xlsx
<code>path</code>	a file name to write to
<code>col_names</code>	write column names at the top of the file?
<code>format_headers</code>	make the <code>col_names</code> in the xlsx centered and bold
<code>use_zip64</code>	use zip64 to enable support for 4GB+ xlsx files. Not all platforms can read this.

Details

Currently supports strings, numbers, booleans and dates. Formatting options may be added in future versions.

Examples

```
# Roundtrip example with single excel sheet named 'mysheet'  
tmp <- write_xlsx(list(mysheet = iris))  
readxl::read_xlsx(tmp)
```

xl_formula

Excel Types

Description

Create special column types to write to a spreadsheet

Usage

```
xl_formula(x)
```

```
xl_hyperlink(url, name = NULL)
```

Arguments

x	character vector to be interpreted as formula
url	character vector of URLs
name	character vector of friendly names

Examples

```
df <- data.frame(
  name = c("UCLA", "Berkeley", "Jeroen"),
  founded = c(1919, 1868, 2030),
  website = xl_hyperlink(c("http://www.ucla.edu", "http://www.berkeley.edu", NA), "homepage")
)
df$age <- xl_formula('=(YEAR(TODAY()) - INDIRECT("B" & ROW()))')
write_xlsx(df, 'universities.xlsx')

# cleanup
unlink('universities.xlsx')
```

Index

* **writexl**

xl_formula, 3

lxw_version, 2

write_xlsx, 2

writexl(write_xlsx), 2

xl_formula, 3

xl_hyperlink(xl_formula), 3