# Package 'writexl'

April 15, 2025

**Type** Package

**Title** Export Data Frames to Excel 'xlsx' Format

**Version** 1.5.4

**Description** Zero-dependency data frame to xlsx exporter based on 'libxlsxwriter'
<https://libxlsxwriter.github.io>. Fast and no Java or Excel required.

**License** BSD_2_clause + file LICENSE

**Encoding** UTF-8

**URL** <https://ropensci.r-universe.dev/writexl>

   <https://docs.ropensci.org/writexl/>

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

**RoxygenNote** 7.0.2

**Suggests** spelling, readxl, nycflights13, testthat, bit64

**Language** en-US

**SystemRequirements** zlib

**NeedsCompilation** yes

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**Repository** CRAN

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## Contents

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lxw_version            *Version*

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### Description

Shows version of bundled libxlsxwriter.

### Usage

```
lxw_version()
```

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write_xlsx            *Export to xlsx*

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### 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

| | |
|---|---|
| x | data frame or named list of data frames that will be sheets in the xlsx |
| path | a file name to write to |
| col_names | write column names at the top of the file? |
| format_headers | make the col_names in the xlsx centered and bold |
| use_zip64 | 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)
```

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| xl_formula | *Excel Types* |
|---|---|

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### 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')
```

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