Package 'rapidxlsx'

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Type Package

Title Fast Parallel Excel Spreadsheet Writer

Version 0.1.0

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Description
Serializes tabular data frames to Microsoft Excel 'OpenXML' ('xlsx') workbooks using a multi-threaded Rust core with parallel Deflate compression and zero-copy columnar memory mapping.

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Encoding UTF-8

RoxygenNote 7.3.2

SystemRequirements Cargo (Rust toolchain)

URL https://github.com/aminfathullah/rapidxlsx

BugReports https://github.com/aminfathullah/rapidxlsx/issues

NeedsCompilation yes

Suggests knitr, rmarkdown

VignetteBuilder knitr

Repository CRAN

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Contents

write_xlsx 2

Index **3**

`write_xlsx` *Write Data Frame to XLSX File*

Description

Writes tabular data to an Excel XLSX workbook using a multi-threaded Rust engine with parallel Deflate compression.

Usage

```
write_xlsx(data, path, sheet_name = "Sheet1", compression_level = 1L)
```

Arguments

`data`	A data.frame or object coercible to a data.frame.
`path`	Path to output XLSX file.
`sheet_name`	Name of worksheet (default: "Sheet1").
`compression_level`	Deflate compression level (1 to 9, default: 1).

Value

Invisibly returns the path to the written file.

Examples

```
df <- data.frame(
  id = 1:5,
  name = c("Alice", "Bob", "Charlie", "David", "Eva"),
  score = c(95.5, 82.0, 91.5, 78.0, 88.5),
  active = c(TRUE, FALSE, TRUE, TRUE, FALSE)
)
tmp <- tempfile(fileext = ".xlsx")
write_xlsx(df, tmp)
```

Index

write_xlsx, 2