Package 'tab2xml'

February 21, 2025

Type Package

Title XML Generation from Tables

Version 1.0.0

Description Converting structured data from tables into XML format using predefined templates ensures consistency and flexibility, making it ideal for data exchange, reporting, and automated workflows.

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URL <https://josesamos.github.io/tab2xml/>,

<https://github.com/josesamos/tab2xml>

BugReports <https://github.com/josesamos/tab2xml/issues>

Imports readODS, readxl, stringr, tools

Suggests knitr, rmarkdown, testthat (>= 3.0.0), xml2

VignetteBuilder knitr

Config/testthat/edition 3

Encoding UTF-8

RoxygenNote 7.3.2

NeedsCompilation no

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Repository CRAN

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sheet2xml   *Convert a Spreadsheet to XML*

Description

It reads a spreadsheet file (Excel or ODS), processes it using a provided XML template, and generates an XML output file.

Usage

```
sheet2xml(file_path, template_path, xml_path = NULL)
```

Arguments

file_path	Character. Path to the spreadsheet file to be converted. Supports Excel (.xlsx) and ODS formats.
template_path	Character. Path to the XML template file to guide the transformation process.
xml_path	Character (optional). Output path for the generated XML file. If NULL, it is considered an XML file with the same name and location as the spreadsheet file.

Value

Character. The file path of the generated XML document.

Examples

```
source_xml <- system.file("extdata", "schema_template.xml", package = "tab2xml")

source_xlsx <- system.file("extdata", "schema.xlsx", package = "tab2xml")
temp_file1 <- tempfile(fileext = ".xml")
sheet2xml(source_xlsx, source_xml, temp_file1)

source_ods <- system.file("extdata", "schema.ods", package = "tab2xml")
temp_file2 <- tempfile(fileext = ".xml")
sheet2xml(source_ods, source_xml, temp_file2)
```

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