Package: correctref (via r-universe)

October 10, 2026

Type Package

Title Correct and Standardize References for Scientific Manuscripts

Version 0.0.2

Description Reads 'Word' documents containing incomplete bibliographic references and produces an updated file with standardized and complete references. The package provides functions to retrieve missing authors, titles, journal details, volume, issue, and page numbers. Digital object identifiers (DOIs) are retrieved using the 'CrossRef' application programming interface (API) <https://api.crossref.org>, and references are formatted following DOI-based citation standards as described by Paskin (2010) <doi:10.1000/182> and the 'citation.doi.org' service <https://citation.doi.org>. The package is intended to simplify reference preparation for scientific journal submissions.

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Encoding UTF-8

RoxygenNote 7.3.2

Depends R (>= 4.1.0)

Imports httr, jsonlite, stringr, officer

NeedsCompilation no

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Config/pak/sysreqs libfontconfig1-dev libfreetype6-dev libfribidi-dev libharfbuzz-dev libicu-dev libjpeg-dev libpng-dev libtiff-dev libwebp-dev libxml2-dev libssl-dev

Repository https://umarhussain-git.r-universe.dev

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RemoteUrl https://github.com/cran/correctref

RemoteRef HEAD

RemoteSha 53e95f875a620d3e2261bdb9af6dea56b6ae2880

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`correct_ref` *Correct and Standardize References in a 'Word' Document*

Description

Reads a 'Word' document containing bibliographic references with missing or incomplete information (e.g., authors, title, year, volume, issue, or page numbers) and produces an updated document with standardized and completed references. Missing metadata are retrieved using the 'CrossRef' application programming interface (API), and digital object identifiers (DOIs) are added where available.

Usage

```
correct_ref(input_path, output_path, reference_lines = 50, style = "vancouver")
```

Arguments

`input_path`	Character string specifying the path to the input 'Word' (.docx) document containing incomplete references.
`output_path`	Character string specifying the path where the corrected 'Word' document will be written.
`reference_lines`	Integer specifying the number of lines at the end of the document that are treated as references.
`style`	Character string specifying the reference style (e.g., `"vancouver"`).

Value

Writes a corrected 'Word' document to the location specified by `output_path`. The function returns `invisible(NULL)`.

Examples

```
library(officer)

# Step 1: Create a temporary Word document with sample references
tmp_input <- file.path(tempdir(), "tmp_refs.docx")
doc <- read_docx()
doc <- body_add_par(doc, "1. Smith J. Some article. 2020;10(2):123-9.", style = "Normal")
doc <- body_add_par(doc, "2. Doe A. Another article. 2021;5(1):10-5.", style = "Normal")
print(doc, target = tmp_input)

# Step 2: Specify output path
```

```
tmp_output <- file.path(tempdir(), "updated_refs.docx")

# Step 3: Run the reference correction function
correct_ref(
  input_path = tmp_input,
  output_path = tmp_output,
  reference_lines = 2,
  style = "vancouver"
)

# Step 4: The corrected Word file is saved in tmp_output
tmp_output
```

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