Package 'revise'

March 5, 2025

Title Dynamic Revision Letters for 'Rmarkdown' Manuscripts

Version 0.1.0

Description
Extracts tagged text from markdown manuscripts for inclusion in dynamically generated revision letters. Provides an R markdown template based on papaja::revision_letter_pdf() with comment cross-referencing, a system for managing multiple sections of extracted text, and a way to automatically determine the page number of quoted sections from PDF manuscripts.

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URL https://github.com/conig/revise

BugReports https://github.com/conig/revise/issues

Encoding UTF-8

RoxygenNote 7.3.2

Depends R (>= 4.1.0)

Imports bookdown, dplyr, glue, knitr, papaja, rmarkdown, rstudioapi, stringr, pdftools, officer, xml2, worcs, cli

Suggests googledrive, docxtractr, testthat (>= 3.0.0)

Config/testthat/edition 3

SystemRequirements pandoc (>= 1.14) - http://pandoc.org

NeedsCompilation no

Author James Conigrave [aut, cre] (<https://orcid.org/0000-0002-8816-6229>),
Philip Parker [aut] (<https://orcid.org/0000-0002-4604-8566>),
Taren Sanders [aut] (<https://orcid.org/0000-0002-4504-6008>),
Michael Noetel [aut] (<https://orcid.org/0000-0002-6563-8203>),
Caspar J. Van Lissa [aut] (<https://orcid.org/0000-0002-0808-5024>)

Maintainer James Conigrave <james.conigrave@gmail.com>

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anchor_tag   *reviewer_comment*

Description

A comment to style chunks for reviewer comments

Usage

```
anchor_tag()
```

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drive_comments   *drive_comments*

Description

Extract comments from a google docs document

Usage

```
drive_comments(url, email = NULL, cache_credentials = NULL)
```

Arguments

url   URL to drive document

email   drive email account. Can be set with options(gargle_oath_email)

cache_credentials

                    bool. Should cached credentials be used? Can be set with options(gargle_oauth_cache)

Value

A list with a length equal to the number of comments. Each element corresponds to one comment: the element's name is the comment text, and its value is the text that was bounded by the comment.

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extract_refs   *extract_refs*

Description

Extract table and figure references

Usage

```
extract_refs(path)
```

Arguments

path   to markdown manuscript

---

extract_sections   *extract_sections*

Description

Extract sections from text string

Usage

```
extract_sections(string, is_span = FALSE)
```

Arguments

string   string to extract md sections from

is_span   logical, whether to extract sections in square brackets (default) or spans

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get_revision   *Extract Tagged Text from a Manuscript*

Description

Retrieves and formats a specified section from a revise_manuscript object based on its ID.

Usage

```
get_revision(
  id,
  manuscript = NULL,
  quote = TRUE,
  evaluate = TRUE,
  split_string = FALSE,
  search_length = 300,
  include_pgnum = TRUE,
  revise_errors = getOption("revise_errors"),
  envir = parent.frame(1L)
)
```

Arguments

id	the id as a character string from a html or markdown tag
manuscript	Optional; a revise_manuscript object in which to search for id. Defaults to NULL, in which case the manuscript object is found in the environment.
quote	should the output string be quoted by inserting '>' before the string?
evaluate	logical. Should inline rchunks be executed?
split_string	should only the start and end of the string be searched for?
search_length	numeric. Searches for the first n and n characters in a string. Shorten if difficult to find passages split by floats.
include_pgnum	logical. include PDF page number? Requires a PDF to be provided to the manuscript object.
revise_errors	logical. If FALSE, failure to match manuscript sections will result in warnings rather than errors.
envir	The environment in which to find the manuscript.

Value

A character vector of length 1 containing the text extracted from the manuscript that was tagged with id, including any modifications as specified by the arguments.

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list_manuscripts   *List Manuscripts in Environment*

Description

Returns a character vector with the names of manuscripts loaded in a given environment.

Usage

```
list_manuscripts(envir = parent.frame(1))
```

Arguments

envir   The environment in which to check for manuscripts.

Value

A character vector, or NULL if no manuscripts exist in the environment.

Examples

```
temp_file <- tempfile(fileext = ".Rmd")
write("`r 1 + 1", file = temp_file)

read_manuscript(temp_file)
list_manuscripts()
```

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mask   *Mask Text for Blind Review*

Description

The YAML front matter tag mask determines whether the text is displayed or replaced by mask_message. The YAML tag can take the values yes or no.

Usage

```
mask(
  x,
  mask_message = "masked for blind review",
  hide = rmarkdown::metadata$mask
)
```

Arguments

x	Atomic character vector to be masked.
mask_message	Atomic character vector to mask x with when `mask: yes`, Default: 'masked for blind review'
hide	Logical, Default: rmarkdown::metadata$mask

Value

Character vector.

See Also

metadata

Examples

```
mask("this is masked", hide = TRUE)
```

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read_docx   *read_docx*

Description

Read a docx file and extract comments

Usage

```
read_docx(path)
```

Arguments

path	path to docx

---

read_manuscript *Read 'Rmarkdown' Manuscript*

Description

Reads an 'Rmarkdown' manuscript and, if possible, an associated PDF.

Usage

```
read_manuscript(
  path,
  PDF = FALSE,
  to_envir = getOption("revise_use_envir", TRUE),
  envir = parent.frame(1)
)
```

Arguments

path	Character, path to the 'Rmarkdown' file.
PDF	Logical or character. Default FALSE does nothing. If set to TRUE, attempts to determine PDF file path from YAML front matter. If character, should be the path to the PDF rendered from the 'Rmarkdown' file. This PDF will be loaded for page matching.
to_envir	Logical, indicating whether or not the manuscript should be invisibly assigned to an environment variable names .revise_manuscript. Defaults to TRUE. Can be disabled by setting options(revise_use_envir = FALSE).
envir	The environment to which the manuscript should be assigned.

Details

If `to_envir` is TRUE, the manuscript is invisibly assigned to the specified environment for later use by other revise functions. For example, this allows `get_revision` to work without specifying a manuscript. This behaviour can be disabled by setting options(revise_use_envir = FALSE).

Value

Invisibly returns a list of class manuscript, containing the following elements:

- $sections: Extracted revisions
- $PDF: Optionally, the PDF document
- $refs: References to figures and tables
- $rmd: The raw rmarkdown
- $mtime: When the rmarkdown file was last modified
- $checksum: A checksum of the rmarkdown file
- $filename: The filename of the rmarkdown file

See Also

yaml_front_matter fileutils

Examples

```
tempfile <- tempfile("tmp", fileext = ".txt")
writeLines("[Maecenas mollis consectetur purus.]{#test}", con = tempfile)
read_manuscript(tempfile)
```

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read_md *read_md*

Description

Read in a markdown document for further analysis

Usage

```
read_md(path)
```

Arguments

path   to markdown manuscript

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remove_manuscript *Remove Manuscript from Environment*

Description

Removes a revise_manuscript from a given environment by name.

Usage

```
remove_manuscript(manuscript = NULL, envir = parent.frame(1))
```

Arguments

manuscript   A character vector of revise_manuscript names that exist in envir.

envir   The environment from which to remove the manuscript.

Value

Invisibly returns TRUE if successful, and FALSE otherwise.

Examples

```
temp_file <- tempfile(fileext = ".Rmd")
write("`r 1 + 1", file = temp_file)
read_manuscript(temp_file)
result <- remove_manuscript(list_manuscripts()[1])
# See that remove_manuscript() silently returns TRUE
print(result)
# See that there are no more manuscripts in envir
list_manuscripts()
```

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reviewer_comment   *reviewer_comment*

Description

A comment to style chunks for reviewer comments

Usage

```
reviewer_comment()
```

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revise_letter_docx   *Dynamic docx Revision Letter*

Description

Template for creating journal revision letters with dynamic excerpts from a manuscript.

Usage

```
revise_letter_docx(...)
```

Arguments

...   Arguments passed on to bookdown::word_document2().

Details

This function wraps bookdown::word_document2().

Value

An R Markdown output format object to be passed to rmarkdown::render().

See Also

bookdown::word_document2()

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revise_letter_pdf *Dynamic PDF Revision Letter*

Description

Template for creating journal revision letters with dynamic excerpts from a manuscript.

Usage

```
revise_letter_pdf(...)
```

Arguments

... Arguments passed on to `papaja::revision_letter_pdf()`.

Details

This function wraps `papaja::revision_letter_pdf()`.

Value

R Markdown output format to pass to `rmarkdown::render()`.

See Also

`papaja::revision_letter_pdf()`, `bookdown::pdf_document2()`, `rmarkdown::pdf_document()`

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revise_letter_txt *Dynamic txt Revision Letter*

Description

Template for creating journal revision letters with dynamic excerpts from a manuscript.

Usage

```
revise_letter_txt(...)
```

Arguments

... Arguments passed on to `rmarkdown::output_format()`.

Details

This function wraps `rmarkdown::output_format()`.

Value

An R Markdown output format definition that can be passed to [render](#).

See Also

[rmarkdown::output_format()](#)

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