

Package ‘conflr’

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Type Package

Title Client for 'Confluence' API

Version 0.1.1

Description Provides utilities for working with various 'Confluence' API
<<https://docs.atlassian.com/ConfluenceServer/rest/latest/>>, including a
functionality to convert an R Markdown document to 'Confluence' format and
upload it to 'Confluence' automatically.

URL <https://line.github.io/conflr/>, <https://github.com/line/conflr>

SystemRequirements pandoc (>= 1.12.3) - <https://pandoc.org>

BugReports <https://github.com/line/conflr/issues>

License GPL-3

Encoding UTF-8

LazyData true

Imports askpass, commonmark, curl, glue, httr, knitr, miniUI, purrr,
rmarkdown, rstudioapi, shiny, stringi, xml2, R6, rlang

Suggests mockery, testthat (>= 2.1.0), withr

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conflr

R Client for 'Confluence' API

Description

Provides utilities for working with various 'Confluence' API <<https://docs.atlassian.com/ConfluenceServer/rest/latest/>>, including a functionality to convert an R Markdown document to 'Confluence' format and upload it to 'Confluence' automatically.

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See Also

Useful links:

- <https://line.github.io/conflr/>
- <https://github.com/line/conflr>
- Report bugs at <https://github.com/line/conflr/issues>

confl_attachment

CRUD Operations for Attachments on Content

Description

CRUD Operations for Attachments on Content

Usage

```

confl_list_attachments(
  id,
  filename = NULL,
  mediaType = NULL,
  start = 0,
  limit = 50,
  expand = NULL
)

confl_post_attachment(id, path)

confl_update_attachment_metadata(id, attachmentId, ...)

confl_update_attachment_data(id, attachmentId, path, ...)

```

Arguments

id	The ID of a page that attachments belong to.
filename	Filter parameter to return only the Attachment with the matching file name. Optional.
mediaType	Filter parameter to return only Attachments with a matching Media-Type. Optional.
start	The start point of the collection to return.
limit	The limit of the number of items to return, this may be restricted by fixed system limits.
expand	A comma separated list of properties to expand. To refer the nested contents, use periods. (e.g. body.storage,history).
path	Path to a file to upload.
attachmentId	The ID of an attachment.
...	Other arguments passed to 'query'.

Value

The API response as a list.

Examples

```

## Not run:
# Create a dummy text file
tmp_txt <- tempfile(fileext = ".txt")
cat("foo", file = tmp_txt)

# Upload the file to a page whose ID is "123"
confl_post_attachment("123", tmp_txt)

# Confirm the file is attached to the page

```

```

result <- confl_list_attachments("123", filename = basename(tmp_txt))
length(result$results) # should be 1

## End(Not run)

```

confl_content

*REST Wrapper for the ContentService***Description**

REST Wrapper for the ContentService

Usage

```

confl_list_pages(
  type = c("page", "blogpost", "comment", "attachment"),
  limit = 10,
  start = 0,
  spaceKey = NULL,
  title = NULL,
  expand = NULL
)

confl_get_page(id, expand = "body.storage")

confl_post_page(
  type = c("page", "blogpost"),
  spaceKey,
  title,
  body,
  ancestors = NULL
)

confl_update_page(id, title, body)

confl_delete_page(id)

```

Arguments

type	The content type to return. Default value: page. Valid values: page, blogpost.
limit	The limit of the number of items to return, this may be restricted by fixed system limits.
start	The start point of the collection to return.
spaceKey	The space key to find content under.
title	The title of the page to find. Required for page type.

expand	A comma separated list of properties to expand. To refer the nested contents, use periods. (e.g. body.storage,history).
id	ID of the content.
body	The HTML source of the page.
ancestors	The page ID of the parent pages.

Value

The API response as a list.

See Also

<https://docs.atlassian.com/ConfluenceServer/rest/latest/>

Examples

```
## Not run:
# Create a page titled "title1" on a space named "space1"
result <- confl_post_page(
  type = "page",
  spaceKey = "space1",
  title = "title1",
  body = "<h2>example</h2><p>This is example</p>"
)

# Jump to the result page
browseURL(paste0(result$`_links`$base, result$`_links`$webui))

# List pages under space "space1" up to 10 pages
confl_list_pages(spaceKey = "space1")

## End(Not run)
```

confl_contentbody	<i>Converts between content body representations</i>
-------------------	--

Description

Converts between content body representations

Usage

```
confl_contentbody_convert(
  x,
  from = c("wiki", "storage", "editor", "view", "export_view", "styled_view"),
  to = c("storage", "editor", "view", "export_view", "styled_view")
)
```

Arguments

x	The content body to convert.
from	The format to convert from.
to	The format to convert to.

Value

The API response as a list.

See Also

<https://docs.atlassian.com/ConfluenceServer/rest/latest/>

Examples

```
## Not run:
# Convert to a Math macro
confl_contentbody_convert("\\[1+1=2\\]")

# Convert to an Expand macro
confl_contentbody_convert("{expand}detail is here {expand}")

## End(Not run)
```

confl_create_post_from_Rmd

Publish R Markdown Document to 'Confluence'

Description

Knit and post a given R Markdown file to 'Confluence'.

Usage

```
confl_create_post_from_Rmd(Rmd_file, interactive = NULL, params = NULL, ...)

confluence_document(
  title = NULL,
  space_key = NULL,
  parent_id = NULL,
  type = c("page", "blogpost"),
  toc = FALSE,
  toc_depth = 7,
  code_folding = c("none", "hide"),
  supported_syntax_highlighting = getOption("conflr_supported_syntax_highlighting"),
  update = NULL,
```

```

    use_original_size = FALSE,
    interactive = NULL
  )

```

Arguments

<code>Rmd_file</code>	Path to an .Rmd file.
<code>interactive</code>	If FALSE, shiny interface is not launched.
<code>params</code>	If provided, a list of named parameters that override custom params in the YAML front-matter.
<code>...</code>	Arguments passed to <code>confluence_documents()</code> .
<code>title</code>	Title of the post.
<code>space_key</code>	The space key to find content under.
<code>parent_id</code>	The page ID of the parent pages.
<code>type</code>	The content type to return. Default value: page. Valid values: page, blogpost.
<code>toc</code>	If TRUE, include a table of contents in the output.
<code>toc_depth</code>	The max level of headers to include in the table of contents.
<code>code_folding</code>	If "hide", fold code blocks by default.
<code>supported_syntax_highlighting</code>	A named character vector of supported syntax highlighting other than default (e.g. <code>c(r = "r")</code>).
<code>update</code>	If TRUE, overwrite the existing page (if it exists).
<code>use_original_size</code>	If TRUE, use the original image sizes.

Details

All options of `confluence_document()` can also be specified via the argument of `confl_create_post_from_Rmd`. If an option is specified on both, the one given as an argument will be used.

```

---
title: "title1"
output:
  confluence_document:
    space_key: "space1"
    parent_id: 1234
    toc: TRUE
    toc_depth: 4
    code_folding: hide
    supported_syntax_highlighting:
      r: r
      foo: bar
    update: true
    use_original_size: true
---

...

```

Value

confl_create_post_from_Rmd() returns the URL of the published page.

confluence_document() returns an rmarkdown_output_format object.

Examples

```
example_Rmd <- system.file("extdata/example.Rmd", package = "conflr")

## Not run:
# Convert an R Markdown document into a 'Confluence' page interactively
confl_create_post_from_Rmd(example_Rmd)

# You can override most of the parameters of confluence_document()
confl_create_post_from_Rmd(example_Rmd, space = "space1", toc = TRUE)

## End(Not run)

## Not run:
# A custom R markdown format that can be passed to rmarkdown::render()
format <- confluence_document(space_key = "space1")
rmarkdown::render(system.file("extdata/example.Rmd", package = "conflr"), format)

## End(Not run)
```

confl_space

REST Wrapper for the SpaceService

Description

REST Wrapper for the SpaceService

Usage

```
confl_list_spaces(
  spaceKey = NULL,
  type = c("global", "personal"),
  status = c("current", "archived"),
  label = NULL,
  favourite = NULL,
  expand = NULL,
  start = NULL,
  limit = 25
)

confl_get_space(spaceKey, expand = NULL)
```

Arguments

spaceKey	The space key to find content under.
type	Filter the list of spaces returned by type (global, personal).
status	Filter the list of spaces returned by status (current, archived).
label	Filter the list of spaces returned by label.
favourite	Filter the list of spaces returned by favourites.
expand	A comma separated list of properties to expand. To refer the nested contents, use periods. (e.g. body.storage,history).
start	The start point of the collection to return.
limit	The limit of the number of items to return, this may be restricted by fixed system limits.

Value

The API response as a list.

Examples

```
## Not run:
# Get the information of a space named "space1"
confl_get_space("space1")

## End(Not run)
```

confl_user	<i>Non-admin User Operations</i>
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Description

Non-admin User Operations

Usage

```
confl_get_user(key = NULL, username = NULL, expand = NULL)

confl_get_current_user(expand = NULL)
```

Arguments

key	Userkey of the user to request from this resource.
username	Username of the user to request from this resource.
expand	A comma separated list of properties to expand. To refer the nested contents, use periods. (e.g. body.storage,history).

Value

The API response as a list.

Examples

```
## Not run:  
# Get the information of the current user  
my_user <- confl_get_current_user()  
  
# Show display name  
my_user$displayName  
  
# Get the information of a user whose name is "user1"  
other_user <- confl_get_user(username = "user1")  
  
## End(Not run)
```

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