

Package ‘rtiddlywiki’

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Type Package

Title R Interface for 'TiddlyWiki'

Version 0.1.0

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Description 'TiddlyWiki' is a unique non-linear notebook for capturing, organising and sharing complex information. 'rtiddlywiki' is a R interface of 'TiddlyWiki' <<https://tiddlywiki.com>> to create new tiddler from Rmarkdown file, and then put into a local 'TiddlyWiki' node.js server if it is available.

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Encoding UTF-8

URL <https://rtiddlywiki.bangyou.me/>,
<https://github.com/byzheng/rtiddlywiki>

BugReports <https://github.com/byzheng/rtiddlywiki/issues>

Imports settings, httr, rmarkdown, utils, jsonlite, bookdown, stringr

RoxygenNote 7.1.2

Suggests covr, knitr, testthat (>= 3.0.0)

VignetteBuilder knitr

NeedsCompilation no

Repository CRAN

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.tiddler_json	<i>Generate tiddler in json format</i>
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Description

Generate tiddler in json format

Usage

```
.tiddler_json(
  title,
  text,
  type = c("text/vnd.tiddlywiki", "text/x-tiddlywiki", "text/x-markdown", "text/html",
    "text/plain"),
  tags = NULL,
  fields = NULL
)
```

Arguments

title	tiddler title
text	tiddler text
type	tiddler type
tags	a vector for tiddler tags
fields	a named vector for tiddler fields.

Value

New tiddler in json format

get_tiddler	<i>Get a tiddler</i>
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Description

Get a tiddler

Usage

```
get_tiddler(title)
```

Arguments

title	title of the tiddler to retrieve
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Value

tiddler information in JSON format

Examples

```
## Not run:  
get_tiddler("GettingStarted")  
  
## End(Not run)
```

get_tiddlers	<i>Get all tiddlers</i>
--------------	-------------------------

Description

Get all tiddlers

Usage

```
get_tiddlers(filter = NULL, exclude = NULL)
```

Arguments

filter	filter identifying tiddlers to be returned (optional, defaults to "[all[tiddlers]!is[system]sort[title]]")
exclude	comma delimited list of fields to excluded from the returned tiddlers (optional, defaults to "text")

Value

all tiddlers information in JSON format

Examples

```
## Not run:
#' Get all tiddlers
get_tiddlers()

## End(Not run)
```

put_tiddler	<i>Put a tiddler</i>
-------------	----------------------

Description

Put a tiddler

Usage

```
put_tiddler(
  title,
  text,
  type = c("text/vnd.tiddlywiki", "text/x-tiddlywiki", "text/x-markdown", "text/html",
           "text/plain"),
  tags = NULL,
  fields = NULL
)
```

Arguments

title	tiddler title
text	tiddler text
type	tiddler type
tags	tiddler tags
fields	a named vector for tiddler fields

Value

null if success

Examples

```
## Not run:
title <- "New tiddler"
text <- c("!! Section",
         "This is a new tiddler")
type <- "text/vnd.tiddlywiki"
tags <- c("Tag1", "Tag 2")
fields <- c("F1" = "V1", "F2" = "V2")
put_tiddler(title = title,
```

```

    text = text,
    type = type,
    tags = tags,
    fields = fields)

```

```
## End(Not run)
```

request	<i>Perform a request to TiddlyWiki WebServer</i>
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Description

Perform a request to TiddlyWiki WebServer

Usage

```
request(method, path = "/", query = list(), ...)
```

Arguments

method	The method in the htr package, e.g. GET, POST
path	The path of request
query	The query of request
...	Other arguments of request

Value

The contents of response

tiddler_document	<i>Format for converting from R Markdown to another tiddler markdown</i>
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Description

Format for converting from R Markdown to another tiddler markdown

Usage

```

tiddler_document(
  host = NULL,
  path = NULL,
  tags = NULL,
  fields = NULL,
  use_bookdown = FALSE,
  overwrite = FALSE,
  ...
)

```

Arguments

host	the host of tiddlywiki web server
path	The folder of tiddlywiki. Temp solution as no PUT file api in tiddlywiki Web-Server.
tags	tiddler tags
fields	a named vector for tiddler fields
use_bookdown	logical. Use bookdown to generate markdown file.
overwrite	whether to overwrite the existing tiddler.
...	Other argument pass to md_document

Value

R Markdown output format to pass to render()

Examples

```
## Not run:
library(rmarkdown)
render("input.Rmd")

## End(Not run)
```

tw_options	<i>Set or get options for my package</i>
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Description

Set or get options for my package

Usage

```
tw_options(...)
```

Arguments

... Option names to retrieve option values or [key]=[value] pairs to set options.

Value

the default and modified options.

Supported options

The following options are supported

- hostcharacter host of tiddlywiki

Examples

```
tw_options(host = "http://127.0.0.1:8080/")
```

tw_reset	<i>Reset global options for pkg</i>
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Description

Reset global options for pkg

Usage

```
tw_reset()
```

Value

the default options

Examples

```
tw_options()
```

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