

Package ‘rtodoist’

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Title Create and Manage Todolist using 'Todoist.com' API

Version 0.2.0

Description Allows you to interact with the API of the ``Todoist'' platform. 'Todoist' <<https://www.todoist.com/>> provides an online task manager service for teams.

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URL <https://github.com/ThinkR-open/rtodoist>

BugReports <https://github.com/ThinkR-open/rtodoist/issues>

Depends R (>= 3.5.0)

Imports digest, dplyr, getPass, glue, httr, httr2, keyring, magrittr, purrr, stats, stringi, stringr, utils

Suggests knitr, lubridate, rmarkdown

VignetteBuilder knitr

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add_project	<i>Add a new project</i>
-------------	--------------------------

Description

Add a new project

Usage

```
add_project(project_name, verbose = TRUE, token = get_todoist_api_token())
```

Arguments

project_name	name of the new project
verbose	boolean that make the function verbose
token	todoist API token

Value

id of the new project

Examples

```
## Not run:  
add_project("my_proj")  
  
## End(Not run)
```

add_responsible_to_task

Add responsible to a task

Description

Add responsible to a task

Usage

```
add_responsible_to_task(  
  project_id = get_project_id(project_name = project_name, token = token),  
  project_name,  
  responsible,  
  task,  
  verbose = FALSE,  
  all_users = get_all_users(token = token),  
  token = get_todoist_api_token()  
)
```

Arguments

project_id	id of the project
project_name	name of the project
responsible	add someone to this task with mail
task	the full name of the task
verbose	boolean that make the function verbose
all_users	all_users
token	todoist API token

Value

http request

add_section *add section*

Description

add section

Usage

```
add_section(
    section_name,
    project_id = get_project_id(project_name = project_name, token = token),
    project_name,
    force = FALSE,
    token = get_todoist_api_token()
)
```

Arguments

section_name	section name
project_id	id of the project
project_name	name of the project
force	boolean force section creation even if already exist
token	todoist API token

add_tasks_in_project *Add tasks in project*

Description

Add tasks in project

Usage

```
add_tasks_in_project(
    project_id = get_project_id(project_name = project_name, token = token),
    tasks,
    project_name,
    verbose = FALSE,
    responsible = NULL,
    due = NULL,
    section_name = NULL,
    token = get_todoist_api_token(),
    all_users = get_all_users(token = token),
```

```
    update_only = FALSE,  
    check_only = FALSE,  
    que_si_necessaire = TRUE  
  )
```

Arguments

project_id	id of the project
tasks	tasks to add, as character vector
project_name	name of the project
verbose	boolean that make the function verbose
responsible	add people in project
due	due date
section_name	section name
token	todoist API token
all_users	all_users
update_only	boolean if true, only update existing (not closed) todo
check_only	check_only
que_si_necessaire	que_si_necessaire

Value

id of project (character vector)

Examples

```
## Not run:  
add_project("my_proj") %>%  
  add_tasks_in_project(c("First task", "Second task"))  
  
## End(Not run)
```

`add_tasks_in_project_from_df`
Add tasks in project

Description

Add tasks in project

Usage

```

add_tasks_in_project_from_df(
  project_id = get_project_id(project_name = project_name, token = token),
  tasks_as_df,
  project_name,
  verbose = FALSE,
  token = get_todoist_api_token(),
  update_only = FALSE,
  check_only = FALSE,
  que_si_necessaire = TRUE,
  all_users = get_all_users(token = token)
)

```

Arguments

project_id	id of the project
tasks_as_df	data.frame of tasks with c("tasks_list","responsible","due","section_name") names
project_name	name of the project
verbose	boolean that make the function verbose
token	todoist API token
update_only	boolean if true only update existing (not closed) todo
check_only	boolean if true only return number of task to add
que_si_necessaire	que_si_necessaire
all_users	all_users

Value

id of project (character vector)

See Also

[add_tasks_in_project()]

add_users_in_project *Add a list of users*

Description

Add a list of users

Usage

```

add_users_in_project(
  project_id = get_project_id(project_name = project_name, token = token),
  users_email,
  project_name,
  verbose = TRUE,
  all_users = get_all_users(token = token),
  token = get_todoist_api_token()
)

```

Arguments

project_id	id of the project
users_email	emails of user as character vector
project_name	name of the project
verbose	boolean that make the function verbose
all_users	all_users
token	token

Value

id of project (character vector)

add_user_in_project *Add one user*

Description

Add one user

Usage

```

add_user_in_project(
  project_id = get_project_id(project_name = project_name, token = token),
  mail,
  project_name,
  verbose = TRUE,
  token = get_todoist_api_token()
)

```

Arguments

project_id	id of the project
mail	mail of the user
project_name	name of the project
verbose	boolean that make the function verbose
token	token

Value

id of project (character vector)

Examples

```
## Not run:
get_project_id("test") %>%
  add_user_in_project("jean@mail.fr")

## End(Not run)
```

ask_todoist_api_token *Pop-up to save the token*

Description

Pop-up to save the token

Usage

```
ask_todoist_api_token(msg = "Register Todoist Api Token")
```

Arguments

msg message to print in the pop-up

Value

password (character vector)

call_api *Call the good version of API*

Description

Call the good version of API

Usage

```
call_api(
  ...,
  url = "https://api.todoist.com/api/v1/sync",
  token = get_todoist_api_token()
)
```


Arguments

... any params of POST request
url url to call
token todoist API token

Value

list

call_api_project_data *Call project data*

Description

Call project data

Usage

```
call_api_project_data(  
    ...,  
    url = "https://api.todoist.com/api/v1/projects/get_data"  
)
```

Arguments

... any params of POST request
url url to call

Value

list

delete_todoist_api_token
Delete todoist api token

Description

Delete todoist api token

Usage

```
delete_todoist_api_token()
```

Value

nothing, delete the api token

get_all_data	<i>Get all objects inside a list</i>
--------------	--------------------------------------

Description

Collect all the objects in a list. This allows you to explore your to-do list.

Usage

```
get_all_data(token = get_todoist_api_token())
```

Arguments

token	todoist API token
-------	-------------------

Value

list of all objects

Examples

```
## Not run:  
# Set API key first  
set_todoist_api_token()  
# Get all objects  
objects <- get_all_data()  
  
## End(Not run)
```

get_all_projects	<i>List of projects</i>
------------------	-------------------------

Description

List of projects

Usage

```
get_all_projects(token = get_todoist_api_token())
```

Arguments

token	todoist API token
-------	-------------------

Value

list of all projects

Examples

```
## Not run:  
# Set API key first  
set_todoist_api_token()  
# Get all projects  
projects <- get_all_projects()  
  
## End(Not run)
```

get_all_users	<i>Get users</i>
---------------	------------------

Description

Get a tibble with emails and ids of users

Usage

```
get_all_users(token = get_todoist_api_token())
```

Arguments

token	token
-------	-------

Value

tibble of users

Examples

```
## Not run:  
get_users()  
  
## End(Not run)
```

get_project_id	<i>Get id of project</i>
----------------	--------------------------

Description

This function gives you the id of a project by name, which is useful for adding tasks or people to the project.

Usage

```

get_project_id(
  project_name,
  all_projects = get_all_projects(token = token),
  token = get_todoist_api_token(),
  create = TRUE,
  verbose = FALSE
)

```

Arguments

project_name	name of the project
all_projects	result of get_all_projects
token	todoist API token
create	boolean create project if needed
verbose	boolean that make the function verbose

Value

id of project (character vector)

Examples

```

## Not run:
get_all_projects() %>%
  get_project_id("test")

## End(Not run)

```

get_section_id	<i>get id section</i>
----------------	-----------------------

Description

get id section

Usage

```

get_section_id(
  project_id = get_project_id(project_name = project_name, token = token),
  project_name,
  section_name,
  token = get_todoist_api_token(),
  all_section = get_section_from_project(project_id = project_id, token = token)
)

```

Arguments

project_id	id of the project
project_name	name of the project
section_name	name of the section
token	token
all_section	all_section

get_tasks	<i>List of tasks</i>
-----------	----------------------

Description

List of tasks

Usage

```
get_tasks(token = get_todoist_api_token())
```

Arguments

token	todoist API token
-------	-------------------

Value

list of all tasks

Examples

```
## Not run:  
# Set API key first  
set_todoist_api_token()  
# Get all tasks  
tasks <- get_tasks()  
  
## End(Not run)
```

get_tasks_of_project *List of tasks of project*

Description

List of tasks of project

Usage

```
get_tasks_of_project(  
  project_id = get_project_id(project_name = project_name, token = token),  
  project_name,  
  token = get_todoist_api_token()  
)
```

Arguments

project_id	id of the project
project_name	name of the project
token	todoist API token

Value

list of all tasks

get_todoist_api_token *Get token stored by keyring*

Description

Return the todoist API token. If this is the first time, you will need to setup your token.

Usage

```
get_todoist_api_token(ask = TRUE)
```

Arguments

ask	booleen do we have to ask if missing
-----	--------------------------------------

Value

token (character vector)

Examples

```
## Not run:  
get_todoist_api_token()  
  
## End(Not run)
```

get_users_id	<i>Get users id</i>
--------------	---------------------

Description

Get users id

Usage

```
get_users_id(  
  mails,  
  all_users = get_all_users(token = token),  
  token = get_todoist_api_token()  
)
```

Arguments

mails	mails of the person
all_users	all_users
token	token

Value

id of users

get_users_in_project	<i>Get users in projects</i>
----------------------	------------------------------

Description

Get users in projects

Usage

```
get_users_in_project(  
  project_id = get_project_id(project_name = project_name, token = token),  
  project_name,  
  token = get_todoist_api_token()  
)
```

Arguments

project_id	id of the project
project_name	name of the project
token	token

Value

dataframe of users in projects

open_todoist_website_profile
Open todoist website

Description

Open todoist website

Usage

```
open_todoist_website_profile(verbose = TRUE)
```

Arguments

verbose	boolean that make the function verbose
---------	--

Value

open integration webpage from todoist website

Examples

```
open_todoist_website_profile()
```

random_key	<i>Random key</i>
------------	-------------------

Description

Random key

Usage

```
random_key()
```

Value

key
random key generate with digest

set_todoist_api_token *Set todoist API token*

Description

This function use keyring to store your token from your todoist profile. To find your token from todoist website, use [open_todoist_website_profile](#)

Usage

```
set_todoist_api_token(token)
```

Arguments

token todoist API token

Value

token

update_todoist_api_token
Update Todoist Api Token

Description

Remove the old token and register a new one.

Usage

```
update_todoist_api_token()
```

Value

nothing, storing your token

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