

Package ‘togglr’

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Type Package

Title 'Toggl.com' Api for 'Rstudio'

Version 0.1.99

Description Use the <<https://toggl.com>> time tracker api through R.

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

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

Imports assertthat, dplyr, getPass, glue, httr, jsonlite, keyring,
lubridate, magrittr, memoise, parsedate, prettyunits, purrr,
rstudioapi, stats, utils

Suggests knitr, rmarkdown

VignetteBuilder knitr

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togglr-package	<i>This package allow user to track time spend on R using the toggl.com timesheet</i>
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Description

toggl.com API

Author(s)

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ask_toggl_api_token *ask_toggl_api_token*

Description

ask for the toggle api token

Usage

ask_toggl_api_token(msg = "toggl api token")

Arguments

msg the message

client_id_to_name *client_id_to_name*

Description

return client name from client id

Usage

client_id_to_name(id, api_token = get_toggl_api_token())

Arguments

id client id
api_token the toggl api token

Value

the client name

client_name_to_id *client_name_to_id*

Description

return client id from client name

Usage

```
client_name_to_id(name, api_token = get_toggl_api_token())
```

Arguments

name	client name
api_token	the toggl api token

Value

the client id

correct_date *correct_date*

Description

tricks to obtain iso 8601

Usage

```
correct_date(time)
```

Arguments

time	a POSIXt
------	----------

Value

time in iso 8601

create_client	<i>create_client</i>
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Description

create a client

Usage

```
create_client(  
  name = "wihtout client",  
  api_token = get_toggl_api_token(),  
  workspace_id = get_workspace_id(api_token)  
)
```

Arguments

name	client name
api_token	the toggl api token
workspace_id	workspace id

Examples

```
## Not run:  
get_toggl_api_token()# set your api token here  
create_client("new client")  
  
## End(Not run)
```

delete_toggl_api_token	<i>delete_toggl_api_token</i>
------------------------	-------------------------------

Description

delete the toggle api token

Usage

```
delete_toggl_api_token()
```

```
get_all_client_info  get_all_client_info
```

Description

```
get_all_client_info
```

Usage

```
get_all_client_info(api_token = get_toggl_api_token())
```

Arguments

```
api_token      the toggl api token
```

Value

```
a data.frame
```

Examples

```
## Not run:
get_all_client_info()

## End(Not run)
```

```
get_all_client_names  get all client's name
```

Description

```
get all client's name
```

Usage

```
get_all_client_names(
  api_token = get_toggl_api_token(),
  workspace_id = get_workspace_id(),
  since = Sys.Date() - lubridate::years(1),
  until = Sys.Date()
)
```

Arguments

```
api_token      the toggl api token
workspace_id    the workspace id
since          a date
until         a date
```

get_all_project_names *Get all project's names*

Description

Get all project's names

Usage

```
get_all_project_names(  
  api_token = get_toggl_api_token(),  
  workspace_id = get_workspace_id(api_token),  
  since = Sys.Date() - lubridate::years(1),  
  until = Sys.Date()  
)
```

Arguments

<code>api_token</code>	the toggl api token
<code>workspace_id</code>	the workspace id
<code>since</code>	a date
<code>until</code>	a date

get_client_project *get_client_project*

Description

get_client_project

Usage

```
get_client_project(id, api_token = get_toggl_api_token())
```

Arguments

<code>id</code>	client id
<code>api_token</code>	the toggl api token

Value

the client name

<code>get_context</code>	<code>get_context</code>
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Description

retrieve Rstudio projet if possible

Usage

```
get_context()
```

<code>get_context_project</code>	<code>get_context_projet</code>
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Description

retrieve Rstudio projet if possible

Usage

```
get_context_project()
```

<code>get_current</code>	<code>get_current</code>
--------------------------	--------------------------

Description

retrieve current projet id

Usage

```
get_current(api_token = get_toggl_api_token())
```

Arguments

`api_token` the toggl api token

get_current_duration *get current duration*

Description

get current duration

Usage

```
get_current_duration(api_token = get_toggl_api_token())
```

Arguments

api_token the Token API

Value

a difftime

Examples

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

get_dashboard *get all data from <https://toggl.com>*

Description

get all data from <https://toggl.com>

Usage

```
get_dashboard(  
  api_token = get_toggl_api_token(),  
  workspace_id = get_workspace_id(api_token),  
  since = Sys.Date() - lubridate::years(1),  
  until = Sys.Date()  
)
```

Arguments

api_token	the toggl api token
workspace_id	the workspace id
since	begin date
until	stop date

```
get_detailed_report_paged
    get detailed report
```

Description

by user then projet

Usage

```
get_detailed_report_paged(
  api_token = get_toggl_api_token(),
  workspace_id = get_workspace_id(api_token),
  since = Sys.Date() - lubridate::years(3),
  until = Sys.Date() + lubridate::days(1),
  page = 1,
  user_agent = "togglr"
)

get_detailed_report(
  api_token = get_toggl_api_token(),
  workspace_id = get_workspace_id(api_token),
  since = Sys.Date() - lubridate::years(1),
  until = Sys.Date(),
  user_agent = "togglr",
  max_page = 10
)
```

Arguments

api_token	the toggl api token
workspace_id	the workspace id
since	begin date
until	stop date
page	page
user_agent	user_agent
max_page	max_page

get_project_id *get_project_id*

Description

retrieve project id

Usage

```
get_project_id(  
    project_name = get_context_project(),  
    api_token = get_toggl_api_token(),  
    create = FALSE,  
    client = NULL,  
    workspace_id = get_workspace_id(api_token),  
    color = NULL  
)
```

Arguments

project_name	the project name
api_token	the toggl api token
create	boolean do you want to create the project if it doesnt exist ?
client	client name
workspace_id	workspace id
color	id of the color selected for the project

get_project_id_and_name
get_project_id_and_name

Description

retrieve project id and name

Usage

```
get_project_id_and_name(  
    api_token = get_toggl_api_token(),  
    workspace_id = get_workspace_id(api_token)  
)
```

Arguments

api_token	the toggl api token
workspace_id	workspace id

get_project_task_detail
get all task from a project

Description

get all task from a project

Usage

```
get_project_task_detail(  
  project_name = get_context_project(),  
  api_token = get_toggl_api_token(),  
  workspace_id = get_workspace_id(),  
  since = Sys.Date() - lubridate::years(1),  
  until = Sys.Date(),  
  humain = TRUE  
)
```

Arguments

project_name	project name
api_token	the toggl api token
workspace_id	the workspace id
since	a date
until	a date
humain	boolean humain readable time

get_project_total *get project total time*

Description

get project total time

Usage

```
get_project_total(  
  project_name = get_context_project(),  
  api_token = get_toggl_api_token(),  
  workspace_id = get_workspace_id(api_token),  
  since = Sys.Date() - lubridate::years(1),  
  until = Sys.Date()  
)
```

Arguments

project_name	project name
api_token	the toggl api token
workspace_id	the workspace id
since	a date
until	a date

get_summary_report	<i>get summary report</i>
--------------------	---------------------------

Description

by user then projet

Usage

```
get_summary_report(  
  api_token = get_toggl_api_token(),  
  workspace_id = get_workspace_id(api_token),  
  since = Sys.Date() - lubridate::years(1),  
  until = Sys.Date(),  
  user_agent = "togglr",  
  users = get_workspace_users(api_token = api_token, workspace_id = workspace_id)  
)
```

Arguments

api_token	the toggl api token
workspace_id	the workspace id
since	begin date
until	stop date
user_agent	user_agent
users	users

get_time_entries *Get all time entries between 2 dates*

Description

Get all time entries between 2 dates

Usage

```
get_time_entries(  
  api_token = get_toggl_api_token(),  
  since = Sys.time() - lubridate::weeks(1),  
  until = Sys.time()  
)
```

Arguments

api_token	the toggl api token
since	begin date (One week ago by default)
until	stop date (Now by default)

Value

a data.frame containing all time entries

Examples

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

get_toggl_api_token *get_toggl_api_token*

Description

return the toggle api token

Usage

```
get_toggl_api_token(ask = TRUE)
```

Arguments

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

get_weekly_report *get weekly report*

Description

get weekly report

Usage

```
get_weekly_report(  
  api_token = get_toggl_api_token(),  
  workspace_id = get_workspace_id(api_token),  
  since = Sys.Date() - lubridate::years(1),  
  until = Sys.Date(),  
  user_agent = "togglr"  
)
```

Arguments

api_token	the toggl api token
workspace_id	the workspace id
since	begin date
until	stop date
user_agent	user_agent

get_workspace_id *get_workspace_id*

Description

Return the workspace id

Usage

```
get_workspace_id(api_token = get_toggl_api_token())
```

Arguments

api_token	the toggl api token
-----------	---------------------

get_workspace_users *Title*

Description

Title

Usage

```
get_workspace_users(
  api_token = get_toggl_api_token(),
  workspace_id = get_workspace_id(api_token)
)
```

Arguments

api_token the toggl api token
workspace_id the workspace id

notification *show notification*

Description

show notification using message

Usage

```
notification(title, msg)
```

Arguments

title title of the notificatin
msg content of the notification

open_toggl_website_app
open toggle.com website on timesheet page

Description

open toggle.com website on timesheet page

Usage

```
open_toggl_website_app()
```

open_toggl_website_profile
open toggle.com website on profile page

Description

open toggle.com website on profile page

Usage

open_toggl_website_profile()

set_toggl_api_token *set_toggl_api_token*

Description

set the toggle api token

Usage

set_toggl_api_token(token)

Arguments

token toggl api token

simplify *simplify copied from jsonlite*

Description

simplify copied from jsonlite

Usage

simplify(...)

Arguments

... Other parameters

toggl_create	<i>toggl_create</i>
--------------	---------------------

Description

create a time entry

Usage

```
toggl_create(  
  description = get_context(),  
  start = now(),  
  pid = get_project_id(),  
  stop,  
  duration,  
  tags = NULL,  
  api_token = get_toggl_api_token()  
)
```

Arguments

description	the task you did
start	time in POSIXt
pid	pid
stop	time in POSIXt
duration	in seconds
tags	tags
api_token	the toggl api token

Examples

```
## Not run:  
options(toggl_api_token = "XXXXXXXX")# set your toggl api token here  
toggl_create(duration=1200)
```

```
toggl_create( description="description",  
              start=now(),  
              pid = get_project_id(project_name = "projectname",  
                                   create=TRUE,client = "client"),  
              duration=1000,  
              api_token=get_toggl_api_token())
```

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

`toggl_create_project` *toggl_create_project*

Description

create a project

Usage

```
toggl_create_project(  
  project_name = get_context_project(),  
  api_token = get_toggl_api_token(),  
  workspace_id = get_workspace_id(api_token),  
  client = NULL,  
  private = FALSE,  
  color = NULL,  
  active = TRUE  
)
```

Arguments

<code>project_name</code>	project name
<code>api_token</code>	the toggl api token#'
<code>workspace_id</code>	workspace_id
<code>client</code>	client name
<code>private</code>	whether project is accessible for only project users or for all workspace users (boolean, default false)
<code>color</code>	id of the color selected for the project
<code>active</code>	boolean set project as active, TRUE by default

Examples

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

toggl_start	<i>toggl_start</i>
-------------	--------------------

Description

start a task

Usage

```
toggl_start(  
  description = get_context(),  
  client = "without client",  
  project_name = get_context_project(),  
  start = now(),  
  api_token = get_toggl_api_token(),  
  tags = NULL,  
  workspace_id = get_workspace_id(api_token)  
)
```

Arguments

description	the task you are doing
client	client name
project_name	nom du projet
start	start time in POSIXt
api_token	the toggl api token
tags	tags
workspace_id	workspace id

Examples

```
## Not run:  
get_toggl_api_token()# set your api token here  
toggl_start()  
  
## End(Not run)
```

toggl_stop *toggl_stop*

Description

stop the active task

Usage

```
toggl_stop(current = get_current(), api_token = get_toggl_api_token())
```

Arguments

current	list task id and start time
api_token	the toggl api token

Examples

```
## Not run:  
options(toggl_api_token = "XXXXXXXX")# set your api token here  
toggl_start()  
toggl_stop()  
  
## End(Not run)
```

toggl_update_entries *toggl_update_entries*

Description

update time entries

Usage

```
toggl_update_entries(  
  time_entry_ids,  
  description = NULL,  
  start = NULL,  
  pid = NULL,  
  stop = NULL,  
  duration = NULL,  
  tags = NULL,  
  api_token = get_toggl_api_token()  
)
```

Arguments

time_entry_ids id(s) of time entries to update
 description the task you did
 start time in POSIXt
 pid pid
 stop time in POSIXt
 duration in seconds
 tags tags
 api_token the toggl api token

Examples

```
## Not run:
options(toggl_api_token = "XXXXXXXX")# set your toggl api token here
time_entry <- toggl_create(duration=1200)
time_entry_id <- content(time_entry)$data$id

toggl_update_entries( time_entry_id,
                      description = "new description",
                      duration = 100,
                      tags = c("tag1", "tag2"),
                      api_token=get_toggl_api_token())

## End(Not run)
```

to_humain	<i>transforme time column into humain readable column</i>
-----------	---

Description

transforme time column into humain readable column

Usage

```
to_humain(df)
```

Arguments

df a data.frame

`update_toggl_api_token`
update_toggl_api_token

Description

update the toggle api token

Usage

`update_toggl_api_token()`

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