

Package ‘togglr’

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Type Package

Title 'Toggl.com' Api for 'Rstudio'

Version 0.1.33

Description Use the <<http://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, prettyunits, purrr, rstudioapi, parsedate

Suggests covr, knitr, rmarkdown

VignetteBuilder knitr

ByteCompile true

LazyData TRUE

RoxygenNote 6.1.0

NeedsCompilation no

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Repository CRAN

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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

This package allow user to track time spend on R using the toggl.com timesheet

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	<i>client_name_to_id</i>
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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	<i>correct_date</i>
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Description

tricks to obtain iso 8601

Usage

```
correct_date(time)
```

Arguments

time	a POSIXt
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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>
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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><i>get_context</i></code>
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Description

retrieve Rstudio projet if possible

Usage

```
get_context()
```

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

retrieve Rstudio projet if possible

Usage

```
get_context_project()
```

<code>get_current</code>	<code><i>get_current</i></code>
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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 <http://toggl.com>*

Description

get all data from <http://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

<code>get_project_id</code>	<i>get_project_id</i>
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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))
```

Arguments

<code>project_name</code>	the project name
<code>api_token</code>	the toggl api token
<code>create</code>	boolean do you want to create the project if it doesnt exist ?
<code>client</code>	client name
<code>workspace_id</code>	workspace id

<code>get_project_id_and_name</code>	<i>get_project_id_and_name</i>
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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

<code>api_token</code>	the toggl api token
<code>workspace_id</code>	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_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
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`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

`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

toggl_create *toggl_create*

Description

create a

Usage

toggl_create(description = get_context(), start = now(), stop,
duration, api_token = get_toggl_api_token())

Arguments

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

Examples

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

## 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)
```

Arguments

project_name	project name
api_token	the toggl api token#'
workspace_id	workspace_id
client	client name

Examples

```
## Not run:
toggl_create_project()

## End(Not run)
```

*toggl_start**toggl_start*

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(),
            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
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)
```

```
update_toggl_api_token  
      update_toggl_api_token
```

Description

update the toggle api token

Usage

```
update_toggl_api_token()
```

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