

Package ‘clockify’

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Type Package

Title A Wrapper for the 'Clockify' API

Version 0.0.9

Description A wrapper for the Clockify API <<https://clockify.me/developers-api>>, making it possible to query, insert and update time keeping data.

License GPL-3

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clients	<i>Get clients</i>
---------	--------------------

Description

Get clients

Usage

```
clients(concise = TRUE)
```

Arguments

concise Generate concise output

Value

A data frame with one record per client.

Examples

```
## Not run:
set_api_key(Sys.getenv("CLOCKIFY_API_KEY"))

clients()

## End(Not run)
```

get_api_key	<i>Get API key</i>
-------------	--------------------

Description

Get API key

Usage

```
get_api_key()
```

Value

The API key.

Examples

```
## Not run:  
CLOCKIFY_API_KEY <- Sys.getenv("CLOCKIFY_API_KEY")  
set_api_key(CLOCKIFY_API_KEY)  
get_api_key()  
  
## End(Not run)
```

paginate	<i>Title</i>
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Description

Title

Usage

```
paginate(path, query = NULL, pages = NULL, page_size = 50)
```

Arguments

path	The path of the endpoint.
query	The query parameters.
pages	Maximum number of pages to retrieve.
page_size	Number of results requested per page.

Value

Paginated response from API.

project	<i>Get project</i>
---------	--------------------

Description

Wraps GET /workspaces/{workspaceId}/projects/{projectId}.

Usage

```
project(project_id, concise = TRUE)
```

Arguments

project_id	Project ID
concise	Generate concise output

Value

A data frame with one record per project

Examples

```
## Not run:
set_api_key(Sys.getenv("CLOCKIFY_API_KEY"))

project("612b16c0bc325f120a1e5099")

## End(Not run)
```

projects	<i>Get projects</i>
----------	---------------------

Description

Wraps GET /workspaces/{workspaceId}/projects.

Usage

```
projects(concise = TRUE)
```

Arguments

concise	Generate concise output
---------	-------------------------

Value

A data frame with one record per project

Examples

```
## Not run:  
set_api_key(Sys.getenv("CLOCKIFY_API_KEY"))  
  
projects()  
  
## End(Not run)
```

`set_api_key`*Set API key*

Description

Set API key

Usage

```
set_api_key(api_key)
```

Arguments

`api_key` A Clockify API key

Value

The API key.

Examples

```
## Not run:  
CLOCKIFY_API_KEY <- Sys.getenv("CLOCKIFY_API_KEY")  
set_api_key(CLOCKIFY_API_KEY)  
  
## End(Not run)
```

`tags`*Get tags*

Description

Wraps GET /workspaces/{workspaceId}/tags.

Usage

```
tags()
```

Value

A data frame.

Examples

```
## Not run:
set_api_key(Sys.getenv("CLOCKIFY_API_KEY"))

tags()

## End(Not run)
```

task	<i>Get task</i>
------	-----------------

Description

Wraps GET /workspaces/{workspaceId}/projects/{projectId}/tasks/{taskId}.

Usage

```
task(project_id, task_id)
```

Arguments

project_id	Project ID
task_id	Task ID

Value

A data frame.

Examples

```
## Not run:
set_api_key(Sys.getenv("CLOCKIFY_API_KEY"))

workspace("61343c45ab05e02be2c8c1fd")
tasks("61343c9ba15c1d53ad33369f")

## End(Not run)
```

tasks	<i>Get tasks</i>
-------	------------------

Description

Wraps GET /workspaces/{workspaceId}/projects/{projectId}/tasks.

Usage

```
tasks(project_id)
```

Arguments

project_id	Project ID
------------	------------

Value

A data frame.

Examples

```
## Not run:  
set_api_key(Sys.getenv("CLOCKIFY_API_KEY"))  
  
workspace("61343c45ab05e02be2c8c1fd")  
tasks("61343c9ba15c1d53ad33369f")  
  
## End(Not run)
```

time_entries	<i>Get time entries</i>
--------------	-------------------------

Description

Get time entries

Usage

```
time_entries(  
  user_id = NULL,  
  start = NULL,  
  end = NULL,  
  finished = TRUE,  
  concise = TRUE,  
  ...  
)
```

Arguments

user_id	User ID
start	Start time
end	End time
finished	Whether to include only finished time intervals (intervals with both start and end time)
concise	Generate concise output
...	Further arguments passed to paginate .

Value

A data frame with one record per time entry.

Examples

```
## Not run:
set_api_key(Sys.getenv("CLOCKIFY_API_KEY"))

USER_ID <- "612b15a4f4c3bf0462192676"

# Specify number of results per page (default: 50).
time_entries(USER_ID, page_size = 200)
# Specify number of pages.
time_entries(USER_ID, pages = 3)

## End(Not run)
```

time_entry	<i>Get a specific time entry on workspace</i>
------------	---

Description

Wraps GET /workspaces/{workspaceId}/time-entries/{id}.

Usage

```
time_entry(time_entry_id, concise = TRUE)
```

Arguments

time_entry_id	Time entry ID
concise	Generate concise output

Value

A data frame with one record per time entry.

Examples

```
## Not run:  
time_entry("61343d27ab05e02be2c8c266")  
  
## End(Not run)
```

time_entry_delete *Delete a time entry*

Description

Delete a time entry

Usage

```
time_entry_delete(time_entry_id = NULL)
```

Arguments

time_entry_id Time entry ID

Value

A Boolean: TRUE on success or FALSE on failure.

Examples

```
## Not run:  
set_api_key(Sys.getenv("CLOCKIFY_API_KEY"))  
  
time_entry_delete("612c7bd2a34530476ab25c67")  
  
## End(Not run)
```

time_entry_insert *Insert a time entry*

Description

You can only insert time entries for the authenticated used.

Usage

```
time_entry_insert(project_id = NULL, start, end = NULL, description = NULL)
```

Arguments

project_id	Project ID
start	Start time
end	End time
description	Description

Value

A time entry ID.

Examples

```
## Not run:
set_api_key(Sys.getenv("CLOCKIFY_API_KEY"))

time_entry(
  project_id = "600e73263e207962449a2c13",
  start = "2021-01-02 08:00:00",
  end = "2021-01-02 10:00:00",
  description = "Doing stuff"
)

## End(Not run)
```

time_format

Convert time object into format required by API

Description

Convert time object into format required by API

Usage

```
time_format(time, to_utc = FALSE)
```

Arguments

time	String representation of date and time
to_utc	Whether to convert time to UTC

Value

A string representation of POSIXct.

time_parse	<i>Parse times returned by API</i>
------------	------------------------------------

Description

Times returned by the API are all in UTC.

Usage

```
time_parse(time, format = "%Y-%m-%dT%H:%M:%SZ", to_local = TRUE)
```

Arguments

time	Time string returned by API
format	Format string
to_local	Whether to convert time to local time zone

Value

A POSIXct object.

user	<i>Get information for logged in user</i>
------	---

Description

Get information for logged in user

Usage

```
user(concise = TRUE)
```

Arguments

concise	Generate concise output
---------	-------------------------

Value

A data frame with details of user profile.

Examples

```
## Not run:  
set_api_key(Sys.getenv("CLOCKIFY_API_KEY"))  
  
user()  
  
## End(Not run)
```

users	<i>Get list of users in active workspace</i>
-------	--

Description

Get list of users in active workspace

Usage

```
users(active = TRUE, concise = TRUE)
```

Arguments

active	Only include active users
concise	Generate concise output

Value

A data frame with one record per user.

Examples

```
## Not run:  
set_api_key(Sys.getenv("CLOCKIFY_API_KEY"))  
  
# Show only active users.  
users()  
# Show all users.  
users(active = FALSE)  
# Show active & default workspace for each user.  
users(concise = FALSE)  
  
## End(Not run)
```

user_groups	<i>Get user groups</i>
-------------	------------------------

Description

Get user groups

Usage

```
user_groups()
```

Value

A data frame with one record per user group.

Examples

```
## Not run:  
set_api_key(Sys.getenv("CLOCKIFY_API_KEY"))  
  
user_groups()  
  
## End(Not run)
```

workspace

Get or set active workspace ID

Description

Get or set active workspace ID

Usage

```
workspace(workspace_id = NULL)
```

Arguments

workspace_id A workspace ID

Value

The ID of the active workspace.

Examples

```
## Not run:  
set_api_key(Sys.getenv("CLOCKIFY_API_KEY"))  
  
workspace("612b15a5f4c3bf0462192677")  
  
## End(Not run)
```

workspaces

Get a list of workspaces

Description

Get a list of workspaces

Usage

workspaces()

Value

A data frame with one record per workspace.

Examples

```
## Not run:  
set_api_key(Sys.getenv("CLOCKIFY_API_KEY"))  
  
workspaces()  
  
## End(Not run)
```

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