Package ‘rtypeform’

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Type Package
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<https://typeform.com> application program interface. Also provides functions for downloading your results.
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check_api_response

Description
A function that checks the api response

Usage
check_api_response(resp, content)

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>resp</td>
<td>A response</td>
</tr>
<tr>
<td>content</td>
<td>The content</td>
</tr>
</tbody>
</table>

create_theme

Theme functions Theme API functions

Description
Theme functions
Theme API functions

Usage
create_theme(
    name,
    api = NULL,
    background_href = NULL,
    background_layout = "fullscreen",
    background_brightness = 0,
    colors_answer = "#4FB0AE",
    colors_background = "#FFFFFF",
    colors_button = "#4FB0AE",
)
create_theme

    colors_question = "#3D3D3D",
    font = "Source Sans Pro",
    has_transparent_button = TRUE
)

get_theme(theme_id, api = NULL)

get_themes(api = NULL, page = 1, page_size = 10)

update_theme(
    theme_id,
    name,
    api = NULL,
    background_href = NULL,
    background_layout = "fullscreen",
    background_brightness = 0,
    colors_answer = "#4FB0AE",
    colors_background = "#FFFFFF",
    colors_button = "#4FB0AE",
    colors_question = "#3D3D3D",
    font = "Source Sans Pro",
    has_transparent_button = TRUE
)

delete_theme(theme_id, api = NULL)

Arguments

name See https://developer.typeform.com/create/reference/create-theme/
api Default NULL. Your private api key. If api is NULL, the environment variable
Sys.getenv("typeform_api2") is used.
background_href See https://developer.typeform.com/create/reference/create-theme/
background_layout See https://developer.typeform.com/create/reference/create-theme/
background_brightness See https://developer.typeform.com/create/reference/create-theme/
colors_answer See https://developer.typeform.com/create/reference/create-theme/
colors_background See https://developer.typeform.com/create/reference/create-theme/
colors_button See https://developer.typeform.com/create/reference/create-theme/
colors_question See https://developer.typeform.com/create/reference/create-theme/
font See https://developer.typeform.com/create/reference/create-theme/
has_transparent_button See https://developer.typeform.com/create/reference/create-theme/
delete_responses

---

**theme_id**  
The theme id

**page**  
The page of results to retrieve. Default 1 is the first page of results.

**page_size**  
The number of results to retrieve per page. Default is 10. Maximum is 200.

---

**delete_form**  
*Deletes a typeform*

**Description**
Delete the specified typeform.

**Usage**
delete_form(form_id, api = NULL)

**Arguments**
- **form_id**  
The form id of the typeform you want the results for.
- **api**  
Default NULL. Your private api key. If api is NULL, the environment variable `Sys.getenv("typeform_api2")` is used.

---

**delete_responses**  
*Delete Responses*

**Description**
Delete entries in a type form- use with care!

**Usage**
delete_responses(form_id, api = NULL, included_tokens = NULL)

**Arguments**
- **form_id**  
The form id of the typeform you want the results for.
- **api**  
Default NULL. Your private api key. If api is NULL, the environment variable `Sys.getenv("typeform_api2")` is used.
- **included_tokens**  
A vector of tokens to delete. Maximum 1000. Token ids can be extracted from the meta data frame via `get_form`.

**Value**
If successful, the function will return (invisibly) TRUE
get_api

Retrieve API key from Renviron

Description

If the entry typeform_api2 exists in your .Renviron return that value. Otherwise, raise an error.

Usage

get_api(api = NULL)

Arguments

api Default NULL. Your private api key. If api is NULL, the environment variable Sys.getenv("typeform_api2") is used.

Details

In version 1 of the typeform API, rtypeform looked for the key typeform_api.

get_authorization

Get Authorization

Description

A function to get authorization

Usage

get_authorization(api)

Arguments

api An authentication key
get_number_of_forms

get_me

Retrieve your own account information.

Description

Returns alias, email and language.

Usage

get_me(api = NULL)

Arguments

api Default NULL. Your private api key. If api is NULL, the environment variable Sys.getenv("typeform_api") is used.

get_number_of_forms

Fetch all available typeforms

Description

This function returns a two column data frame containing the typeform names and their associated ids.

Usage

get_number_of_forms(api = NULL, search = "", workspace_id = NULL)

get_forms(
    api = NULL,
    page = 1,
    page_size = 10,
    search = "",
    workspace_id = NULL
)

Arguments

api Default NULL. Your private api key. If api is NULL, the environment variable Sys.getenv("typeform_api") is used.

search Returns items that contain the specified string.

workspace_id Retrieve typeforms for the specified workspace.

page The page of results to retrieve. Default 1 is the first page of results.

page_size Number of results to retrieve per page. Default is 10. Maximum is 200.
get_number_of_seats

Value

A list containing content and the response.

---

**get_number_of_seats**  
*Get team members*

**Description**

Return a tibble containing the current team members. The total number of seats is attached via an attribute.

**Usage**

generate_number_of_seats(api = NULL)

generate_teams(api = NULL)

**Arguments**

api  
Default NULL. Your private api key. If api is NULL, the environment variable Sys.getenv("typeform_api2") is used.

---

**get_number_of_workspace**  
*Available workspaces*

**Description**

A tibble containing details on workspaces

**Usage**

generate_number_of_workspace(api = NULL, search = NULL)

generate_workspaces(api = NULL, search = NULL, page = 1, page_size = 10)

create_workspace(workspace_name, api = NULL)

generate_workspace(workspace_id, api = NULL)

update_workspace(
    workspace_id,
    api = NULL,
    workspace_name = NULL,
    add_members = NULL,
)
get_response

remove_members = NULL
)

delete_workspace(workspace_id, api = NULL)

Arguments

api  Default NULL. Your private api key. If api is NULL, the environment variable Sys.getenv("typeform_api2") is used.
search Returns items that contain the specified string.
page  The page of results to retrieve. Default 1 is the first page of results.
page_size  Number of results to retrieve per page. Default is 10. Maximum is 200.
workspace_name  The name workspace name
workspace_id  Retrieve typeforms for the specified workspace.
add_members  Email address
remove_members  Email address

get_response  Get response

Description

A function that allows you to get a response from the server.

Usage

get_response(api, url)

Arguments

api  An authentication key
url  The URL of the site
**get_responses**

*Download questionnaire results*

**Description**

Download results for a particular typeform questionnaire.

**Usage**

```r
get_responses(
  form_id,
  api = NULL,
  page_size = 25,
  since = NULL,
  until = NULL,
  after = NULL,
  before = NULL,
  completed = NULL,
  query = NULL,
  fields = NULL
)
```

**Arguments**

- **form_id**
  The form id of the typeform you want the results for.

- **api**
  Default NULL. Your private api key. If api is NULL, the environment variable `Sys.getenv("typeform_api2")` is used.

- **page_size**
  Maximum number of responses. Default value is 25. Maximum value is 1000.

- **since**
  default NULL. Fetch only the results after a specific date and time. If NULL return all results. This should be a date time object. The timezone of the object will be converted to UTC.

- **until**
  default NULL. Similar to since.

- **after**
  default NULL. Fetch only the results after a specific date and time. If NULL return all results. If you use the after parameter, the responses will be sorted in the order that our system processed them (instead of the default order, submitted_at). This ensures that you can traverse the complete set of responses without repeating entries.

- **before**
  default NULL. Similar to after

- **completed**
  default NULL, return all results. Fetch only completed results (TRUE), or only not-completed results (=FALSE). If NULL return all results. Warning. It’s not possible to determine completed/non-completed results.

- **query**
  Limit request to only responses that that include the specified term.

- **fields**
  Not implemented. Pull requests welcome
Value

A list. The first value is meta information. Subsequent elements are questions.

See Also


---

### make_new_token

*Create an OAuth token*

**Description**

Create a token object using the client id and secret options set, together with the defined scopes.

**Usage**

```r
make_new_token()
```

---

### post_response

*Post response*

**Description**

A function that allows you to post an update to the server

**Usage**

```r
post_response(api, url, body = NULL, ...)
```

**Arguments**

- `api` An authentication key
- `url` The URL of the site
- `body` The information sent out to the server. e.g. the title
- `...` Other arguments
**rtypeform_set_scope**

Set access scopes for OAuth access

**Description**

Define access scopes for an application. See https://developer.typeform.com/get-started/scopes/ for more information on what scopes are allowed and their permissions.

Set option for rtypeform client id, secret

**Usage**

```
rtypeform_set_scope(scopes = NULL)
```

```
rtypeform_set_client_id(id = NULL)
```

```
rtypeform_set_client_secret(secret = NULL)
```

```
rtypeform_set_token(token)
```

**Arguments**

- **scopes** A character vector of scopes
- **id** A client id from a typeform registered application
- **secret** A client secret from a typeform registered application
- **token** Either a string of a personal access token, or an OAuth token returned by make_new_token.

**Examples**

```
rtypeform_set_scope(scopes = c("forms:read"))
```
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