Package ‘rtypeform’

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Type  Package
Title  Interface to 'typeform' Results
Version  2.1.0
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Description  An R interface to the 'typeform'
  <https://typeform.com> application program interface. Also provides
  functions for downloading your results.
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BugReports  https://github.com/csgillespie/rtypeform/issues
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create_theme

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  

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",

create_theme

colors_button = 
"#4FB0AE",
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| 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_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.

**Description**

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

**Usage**

```r
get_number_of_seats(api = NULL)
get_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**

```r
get_number_of_workspace(api = NULL, search = NULL)
get_workspaces(api = NULL, search = NULL, page = 1, page_size = 10)
create_workspace(workspace_name, api = NULL)
get_workspace(workspace_id, api = NULL)
update_workspace(
  workspace_id, 
  api = NULL, 
  workspace_name = NULL, 
  add_members = NULL,
```
get_response

```r
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**

```r
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

make_new_token()

post_response  

Post response

Description

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

Usage

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/](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**
```r
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**
```r
rtypeform_set_scope(scopes = c("forms:read"))
```
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