Package ‘rtypeform’

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.
License GPL-2 | GPL-3
URL https://github.com/csgillespie/rtypeform
BugReports https://github.com/csgillespie/rtypeform/issues
Imports assertthat, dplyr (>= 1.0.0), glue, httr, jsonlite, lubridate,
purrr, rlang, tibble, tidyr, utils
Suggests testthat
Encoding UTF-8
LazyData TRUE
RoxygenNote 7.1.1
NeedsCompilation no
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Repository CRAN
Date/Publication 2020-08-31 07:00:17 UTC

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check_api_response 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",

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>name</td>
<td>The name of the theme</td>
</tr>
<tr>
<td>api</td>
<td>The API token</td>
</tr>
<tr>
<td>background_href</td>
<td>The background URL</td>
</tr>
<tr>
<td>background_layout</td>
<td>The background layout</td>
</tr>
<tr>
<td>background_brightness</td>
<td>The background brightness</td>
</tr>
<tr>
<td>colors_answer</td>
<td>The color of the answer border</td>
</tr>
<tr>
<td>colors_background</td>
<td>The color of the background</td>
</tr>
</tbody>
</table>

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/
The theme id
The page of results to retrieve. Default 1 is the first page of results.
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
ddelete_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 (insensibly) 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.

---

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
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
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,
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

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

Description

Download results for a particular typeform questionnaire.

Usage

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


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**make_new_token**

Create an OAuth 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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