

Package ‘googleformr’

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Title Collect Data Programmatically by POST Methods to Google Forms

Version 0.0.3

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Description GET and POST data to Google Forms; an API to Google Forms, allowing users to POST data securely to Google Forms without needing authentication or permissioning.

Depends R (>= 3.2.2)

Imports httr, rvest, xml2

Suggests testthat

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License GPL-2

LazyData TRUE

RoxygenNote 5.0.1

Collate 'check_form_works.R' 'get_form_id.R' 'make_url.R' 'get_form.R'
'get_form_entry_ids.R' 'gformr.R' 'comments_gformr.R'
'get_form_questions.R' 'googleformr-package.R'

NeedsCompilation no

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check_form_works	<i>Check If The Form Is Sending Correctly</i>
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Description

Check the HTTP status message is below 400, meaning that the transmission worked.

Usage

```
check_form_works(r)
```

Arguments

r	response from HTTP POST request
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Examples

```
## Not run:
why_R_u_opensource("R is Cool!") %>% check_form_works()
# "All good."

## End(Not run)
```

comments_gformr	<i>Function to Collect Helpful Comments about Googleformr</i>
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Description

Function to Collect Helpful Comments about googleformr.

Usage

```
comments_gformr(post_content, active = TRUE)
```

Arguments

post_content	the option of the function returned from gformr
active	an option to make the function active or not

Value

invisible output of htrr::POST

Examples

```
## Not run:  
comments_gformr(post_content = "It would useful to be able to distinguish  
between lots of comments from one useR vs. many useRs")  
  
## End(Not run)
```

get_form	<i>Scrape Google Form Content</i>
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Description

Get Google Form content by scraping page

Usage

```
get_form(form)
```

Arguments

form Can be either the form_url or form_id

Examples

```
## Not run:  
url %>% get_form() -> scrape  
  
## End(Not run)
```

get_form_entry_ids	<i>Get Google Form Entry Ids From Scrape</i>
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Description

Get Google Form Entry Ids From Scrape

Usage

```
get_form_entry_ids(scrape)
```

Arguments

scrape HTML Output from Scraping Google Form

Examples

```
## Not run:
url %>% get_form() %>% get_form_entry_ids() -> entries

## End(Not run)
```

get_form_id	<i>Extract Form Id From Form URL</i>
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Description

Extract Form Id From Form URL

Usage

```
get_form_id(url)
```

Arguments

url Google Form URL

Examples

```
## Not run:
url %>% get_form_id() -> id

## End(Not run)
```

get_form_questions	<i>Extracts Google Form Question Text</i>
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Description

Extracts Google Form Question Text From Scrape

Usage

```
get_form_questions(scrape)
```

Arguments

scrape HTML Output from Scraping Google Form

Examples

```
## Not run:
url %>% get_form() %>% get_form_questions() -> questions

## End(Not run)
```

gformr	<i>Creates Function Linking Form Entries To Post Content</i>
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Description

Creates Function Linking Form Entries To Post Content. This function allows you to embed

Usage

```
gformr(form, custom_reply = NULL)
```

Arguments

form	Can be either the form_url or form_id
custom_reply	is null, unless you want to say something

Value

a function(post_content, active=TRUE) to post content to the google form

Examples

```
## Not run:  
new_post_to_form <- gformr(url) # this returns a function with post_content as param  
new_post_to_form(content_to_post_to_url)  
  
## End(Not run)
```

googleformr	<i>What the Package Does (one line)</i>
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Description

What the package does (one or more paragraphs)

`make_url`*Make Either Get or Post Url for Google Forms*

Description

Make Either Get or Post Url for Google Forms

Usage

```
make_url(form, do)
```

Arguments

<code>form</code>	Can be either the <code>form_url</code> or <code>form_id</code>
<code>do</code>	Can be either "get" or "post"

Examples

```
## Not run:  
url %>% make_url("get") -> get_url  
url %>% make_url("post") -> post_url  
  
## End(Not run)
```

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