

# Package ‘googleformr’

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**Title** Collect Data Programmatically by POST Methods to Google Forms

**Version** 0.0.3

**Maintainer** Steve Simpson <steven.troy.simpson@gmail.com>

**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

**Date** 2015-11-18

**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

**Author** Steve Simpson [aut, cre]

**Repository** CRAN

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## R topics documented:

check_form_works . . . . .	2
comments_gformr . . . . .	2
get_form . . . . .	3
get_form_entry_ids . . . . .	3
get_form_id . . . . .	4
get_form_questions . . . . .	4
gformr . . . . .	5
googleformr . . . . .	5
make_url . . . . .	6

**Index**[7](#)

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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)
```

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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 httr::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)
```

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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)
```

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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)
```

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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
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**Examples**

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

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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
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**Examples**

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

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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)
```

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

What the package does (one or more paragraphs)

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

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**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)
```

# Index

`check_form_works`, 2

`comments_gformr`, 2

`get_form`, 3

`get_form_entry_ids`, 3

`get_form_id`, 4

`get_form_questions`, 4

`gformr`, 5

`googleformr`, 5

`googleformr-package` (`googleformr`), 5

`make_url`, 6

`package-googleformr` (`googleformr`), 5