Package 'WufooR'

July 21, 2025

Type Package

Title R Wrapper for the 'Wufoo.com' - The Form Building Service

Description Allows form managers to download entries from their respondents
using Wufoo JSON API (<https://www.wufoo.com>). Additionally, the Wufoo reports -
when public - can be
also acquired programmatically. Note that building new forms within this package
is not supported.

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Depends R (>= 3.6.0)

Imports httr (>= 1.4.1), jsonlite (>= 1.6.1), dplyr (>= 0.8.5)

Suggests roxygen2 (>= 7.1.0), knitr (>= 1.28), testthat (>= 2.3.2),
rmarkdown (>= 2.1), covr

VignetteBuilder knitr

Encoding UTF-8

License Apache License 2.0

URL <https://github.com/dmpe/wufoor>

BugReports <https://github.com/dmpe/wufoor/issues>

RoxygenNote 7.1.0

NeedsCompilation no

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Repository CRAN

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Contents

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auth_name	*Authentication*

Description

A method for setting your Wufoo Name and API Key. Your Wufoo name is the subdomain of
your Wufoo URL displayed in "Account" tab. For example, for `http://johnmalc.wufoo.com`, the
`Wufoo_Name = "johnmalc"`. This can be the company's name too, e.g. `http://google.wufoo.com`

Your API key may be found by selecting "Share" of your form, then "API Information" (or go to
`https://yourName.wufoo.com/api/code/1/`.

Usage

```
auth_name(x)

auth_key(x)
```

Arguments

x   - an empty parameter, e.g. NULL

Note

Wufoo currently restricts free API usage to 100 requests per day.

Author(s)

The code for these methods has been developed by Scott Chamberlain https://github.com/sckott for his https://github.com/ropensci/rnoaa package.

Examples

```
options(Wufoo_Name = "johnmalc", Wufoo_API = "F1QH-Q64B-BSBI-JASJ")
```

---

fields_info   *Return details about form's fields*

Description

The Fields API describes a hierarchy of your data. At the heart of this API is the listing of FieldId values. Each FieldId corresponds to a value in the Entries API.

Usage

```
fields_info(
  wufoo_name = auth_name(NULL),
  formIdentifier = NULL,
  showRequestURL = FALSE,
  debugConnection = 0L,
  domain = "wufoo.com"
)
```

Arguments

wufoo_name	- User's Name. Default: auth_name
formIdentifier	- this will give you information about just one form. A request without the formIdentifier will return all forms.
showRequestURL	- use only for DEBUG purposes
debugConnection	
	- samilar as above. Either "0L" (false; default) or "1L"
domain	- for whatever reason domain's ccTLD may change. With this parameter you can change default wufoo.com to another one such as wufoo.eu

Value

Title - The title is the friendly name you gave the field when creating your form. For example, if you were building a table with the API, the Title would be a column header.

Type - The Type represents a Wufoo field type. A listing of the these types can be found in the Field Type section of this documentation.

ID - This is the unique reference ID for your field. There will be one corresponding ID for each Entry in return value of the the Entries API.

IsRequired - This value can be one or zero, representing whether or not the field has been marked required in the Form Builder.

OtherField - This value is true or false and is only set if the field has choices. Only Multiple-Choice fields have the option of an Other field. When a Multiple-Choice field is marked as HasOtherField, the last choice is the Other field.

Note

For developers: This function returns 2 data frames. One containing only default fields, another one containing subfields as described http://help.wufoo.com/articles/en_US/SurveyMonkeyArticleType/The-Fields-API#Fancypants. "These include name, shortname, checkbox, address, and likert."

Examples

```
## Not run:
fields_info(formIdentifier = "z5kqx7h1gtvg4g", showRequestURL = TRUE)
fields_info(formIdentifier = "z5kqx7h1gtvg4g", debugConnection = 1L)

## End(Not run)
```

---

form_comments	*Returns any comments made on this form's entries in the Entry Manager*

Description

Returns any comments made on this form's entries in the Entry Manager

Usage

```
form_comments(
  wufoo_name = auth_name(NULL),
  formIdentifier = NULL,
  entryId = NULL,
  showRequestURL = FALSE,
  pageStart = 0,
  pageSize = 100,
  debugConnection = 0L,
  domain = "wufoo.com"
)
```

Arguments

wufoo_name   - User's Name. Default: auth_name

formIdentifier - this will give you information about just one form. A request without the formIdentifier will return all forms.

entryId	- If set to a number, will only return comments for the specific entry
showRequestURL	- use only for DEBUG purposes
pageStart	- The comment that the request will start from
pageSize	- The number of comments returned in the request (Maximum of 100)
debugConnection	
	- samilar as above. Either "0L" (false; default) or "1L"
domain	- for whatever reason domain's ccTLD may change. With this parameter you can change default wufoo.com to another one such as wufoo.eu

Value

https://wufoo.github.io/docs/#form-comments

See Also

https://help.wufoo.com/articles/en_US/SurveyMonkeyArticleType/Entry-Manager

---

form_commentsCount *Returns a count of all comments made on this form's entries*

Description

Returns a count of all comments made on this form's entries

Usage

```
form_commentsCount(
  wufoo_name = auth_name(NULL),
  formIdentifier = NULL,
  showRequestURL = FALSE,
  debugConnection = 0L,
  domain = "wufoo.com"
)
```

Arguments

wufoo_name	- User's Name. Default: auth_name
formIdentifier	- this will give you information about just one form. A request without the formIdentifier will return all forms.
showRequestURL	- use only for DEBUG purposes
debugConnection	
	- samilar as above. Either "0L" (false; default) or "1L"
domain	- for whatever reason domain's ccTLD may change. With this parameter you can change default wufoo.com to another one such as wufoo.eu

Value

https://wufoo.github.io/docs/#comments-count

See Also

https://help.wufoo.com/articles/en_US/SurveyMonkeyArticleType/Entry-Manager

---

form_entries   *Return responses of your form*

Description

If you have 5 submissions to your form, you'll have 5 elements (rows) in the return. This request returns the entries that have been submitted to a specific form. This is the equivalent of viewing your stored entries in the Entry Manager in Wufoo.

Usage

```
form_entries(
  wufoo_name = auth_name(NULL),
  formIdentifier = NULL,
  systemFields = "true",
  sortID = NULL,
  sortDirection = NULL,
  columnNames = FALSE,
  showRequestURL = FALSE,
  debugConnection = 0L,
  domain = "wufoo.com",
  pageStart = 0,
  pageSize = 25
)
```

Arguments

wufoo_name	- User's Name. Default: auth_name
formIdentifier	- must be replaced with your form's URL or hash.
systemFields	- return system fields. Default: true
sortID	- sort on a single ID, as retrieved from the fields_info.
sortDirection	- choose to sort your entries ASC (lowest to highest) or DESC (highest to lowest).
columnNames	- How should be column names be called. Either "Field1", "Field2" etc. or "First Name", "Last Name" (tries to make best guess). Default to the second option.
showRequestURL	- use only for DEBUG purposes
debugConnection	
	- samilar as above. Either "0L" (false; default) or "1L"

domain	- for whatever reason domain's ccTLD may change. With this parameter you can change default wufoo.com to another one such as wufoo.eu
pageStart	- the page number you'd like to start from. Defaults to 0.
pageSize	- the number of entries returned in your page. Defaults to 25; Max = 100.

Value

<https://wufoo.github.io/docs/#form-entries>

See Also

<http://help.wufoo.com/articles/en_US/SurveyMonkeyArticleType/The-Entries-GET-API>

Examples

```
## Not run:
form_entries(formIdentifier = "z5kqx7h1gtvg4g")
form_entries(formIdentifier = "z5kqx7h1gtvg4g", systemFields = "false", showRequestURL = TRUE)

## End(Not run)
```

---

form_entriesCount   *Return number of responses to your form*

Description

Return number of responses to your form

Usage

```
form_entriesCount(
  wufoo_name = auth_name(NULL),
  formIdentifier = NULL,
  showRequestURL = FALSE,
  debugConnection = 0L,
  domain = "wufoo.com"
)
```

Arguments

wufoo_name	- User's Name. Default: [auth_name](#)
formIdentifier	- this will give you information about just one form. A request without the formIdentifier will return all forms.
showRequestURL	- use only for DEBUG purposes
debugConnection	
	- samilar as above. Either "0L" (false; default) or "1L"
domain	- for whatever reason domain's ccTLD may change. With this parameter you can change default wufoo.com to another one such as wufoo.eu

Value

https://wufoo.github.io/docs/#form-entries-count

See Also

http://help.wufoo.com/articles/en_US/SurveyMonkeyArticleType/The-Entries-GET-API#entrycount

Examples

```
## Not run:
form_entriesCount(formIdentifier = "z5kqx7h1gtvg4g", showRequestURL = TRUE)

## End(Not run)
```

---

form_entriesFromCSV   *Return responses of your form, from CSV format*

Description

This function imports your report csv file as a data frame from the report csv export url (example url below). The report must be public and not protected. To verify your CSV url, open the browser, select your report, then "Export" in "Commas (.csv)". Please note that the name of your report will be in lowercase with spaces replaced with hyphens. For example, the report titled "My Example Report" will be "my-example-report" in the URL as shown below. E.g. `https://YourName.wufoo.com/export/reports/manager/NameOfYourReport.csv`

Usage

```
form_entriesFromCSV(
  wufoo_name = auth_name(NULL),
  reportName = NULL,
  showRequestURL = FALSE,
  debugConnection = 0L,
  domain = "wufoo.com"
)
```

Arguments

wufoo_name	- User's Name. Default: auth_name
reportName	- the name of your report as displayed in the csv export URL (which is in lowercase with hyphens replacing spaces of your report name). The report should be also public.
showRequestURL	- use only for DEBUG purposes
debugConnection	
	- samilar as above. Either "0L" (false; default) or "1L"

domain	- for whatever reason domain's ccTLD may change. With this parameter you can change default wufoo.com to another one such as wufoo.eu

Examples

```
## Not run:
options(Wufoo_Name = "johnmalc", Wufoo_API = "S6VI-I8UA-BY11-TDHO")
df_csv <- form_entriesFromCSV(reportName = "untitled-report", showRequestURL = F)
View(df_csv)

## End(Not run)
```

---

form_info   *Return details about the forms you have permission to access.*

Description

Creates a list of all forms belonging to a user and dynamically generate a form embed snippet to use in your application.

Usage

```
form_info(
  wufoo_name = auth_name(NULL),
  formIdentifier = NULL,
  includeTodayCount = "false",
  showRequestURL = FALSE,
  debugConnection = 0L,
  domain = "wufoo.com"
)
```

Arguments

wufoo_name	- User's Name. Default: [auth_name](#)
formIdentifier	- this will give you information about just one form. A request without the formIdentifier will return all forms.
includeTodayCount	
	- if set to true, includes the number of entries received today. If you add the includeTodayCount parameter, the value will be returned in the form's EntryCountToday property
showRequestURL	- use only for DEBUG purposes
debugConnection	
	- samilar as above. Either "0L" (false; default) or "1L"
domain	- for whatever reason domain's ccTLD may change. With this parameter you can change default wufoo.com to another one such as wufoo.eu

Value

> https://wufoo.github.io/docs/#all-forms

See Also

> http://help.wufoo.com/articles/en_US/SurveyMonkeyArticleType/The-Forms-API

Examples

```
## Not run:
form_info()

## End(Not run)
```

---

reports_info	*Return details about the reports you have permission to view.*

Description

Return details about the reports you have permission to view.

Usage

```
reports_info(
  wufoo_name = auth_name(NULL),
  domain = "wufoo.com",
  showRequestURL = FALSE,
  debugConnection = 0L
)
```

Arguments

wufoo_name	- User's Name. Default: auth_name
domain	- for whatever reason domain's ccTLD may change. With this parameter you can change default wufoo.com to another one such as wufoo.eu
showRequestURL	- use only for DEBUG purposes
debugConnection	- samilar as above. Either "0L" (false; default) or "1L"

Value

Name - This is the friendly name you chose when creating this form.

IsPublic - Indicates whether or not the report is accessible through the Url by the general public. This value is binary (1 = true, 0 = false).

Url - This is the URL for your form. Beware using the URL for API or linking purposes because it changes with the report title.

Description - Your description of the report.

DateCreated - A timestamp of when the report was created.

DateUpdated - A timestamp of when the report was lasted edited in the Wufoo Report Builder.

Hash - An unchanging hashed value unique to this report on this user's account.

https://wufoo.github.io/docs/#all-reports

Examples

```
## Not run:
reports_info(showRequestURL = TRUE)

## End(Not run)
```

---

report_entries	*Returns the entries that make up a specific report.*

Description

This is essentially an equivalent of the data that would show up in a datagrid widget on the report, or in an exported copy of the report entry data

Usage

```
report_entries(
  wufoo_name = auth_name(NULL),
  domain = "wufoo.com",
  systemFields = "true",
  reportName = NULL,
  showRequestURL = FALSE,
  debugConnection = 0L
)
```

Arguments

wufoo_name   - User's Name. Default: auth_name

domain   - for whatever reason domain's ccTLD may change. With this parameter you can change default wufoo.com to another one such as wufoo.eu

systemFields	- return system fields. Default: true
reportName	- the name of your report as displayed in the csv export URL (which is in lower-case with hyphens replacing spaces of your report name). The report should be also public.
showRequestURL	- use only for DEBUG purposes
debugConnection	
	- samilar as above. Either "0L" (false; default) or "1L"

See Also

[form_entries()]

Examples

```
## Not run:
report_entries(reportName = "untitled-report")

## End(Not run)
```

---

report_entriesCount   *Returns a count of the entries stored for a specific report.*

Description

This can help with determining the number of elements you have to display.

Usage

```
report_entriesCount(
  wufoo_name = auth_name(NULL),
  domain = "wufoo.com",
  reportName = NULL,
  showRequestURL = FALSE,
  debugConnection = 0L
)
```

Arguments

wufoo_name	- User's Name. Default: [auth_name](#)
domain	- for whatever reason domain's ccTLD may change. With this parameter you can change default wufoo.com to another one such as wufoo.eu
reportName	- the name of your report as displayed in the csv export URL (which is in lower-case with hyphens replacing spaces of your report name). The report should be also public.
showRequestURL	- use only for DEBUG purposes
debugConnection	
	- samilar as above. Either "0L" (false; default) or "1L"

See Also

[report_entries()]

Examples

```
## Not run:
report_entriesCount(reportName = "untitled-report")

## End(Not run)
```

---

report_fields *Returns the field structure for the report's corresponding form.*

Description

Returns the field structure for the report's corresponding form.

Usage

```
report_fields(
  wufoo_name = auth_name(NULL),
  domain = "wufoo.com",
  systemFields = "true",
  reportName = NULL,
  showRequestURL = FALSE,
  debugConnection = 0L
)
```

Arguments

wufoo_name   - User's Name. Default: auth_name

domain   - for whatever reason domain's ccTLD may change. With this parameter you
                can change default wufoo.com to another one such as wufoo.eu

systemFields   - return system fields. Default: true

reportName   - the name of your report as displayed in the csv export URL (which is in lower-
                case with hyphens replacing spaces of your report name). The report should be
                also public.

showRequestURL - use only for DEBUG purposes

debugConnection
                - samilar as above. Either "0L" (false; default) or "1L"

See Also

[fields_info()]

Examples

```
## Not run:
report_fields(reportName = "untitled-report")

## End(Not run)
```

---

report_info   *Returns a specific report.*

Description

To identify the desired report, you can either use the report hash or the report title. The Report properties are the same as in the All Reporst request. The only difference is that this request will only return the identified report.

Usage

```
report_info(
  wufoo_name = auth_name(NULL),
  domain = "wufoo.com",
  reportName = NULL,
  showRequestURL = FALSE,
  debugConnection = 0L
)
```

Arguments

wufoo_name	- User's Name. Default: [auth_name](#)
domain	- for whatever reason domain's ccTLD may change. With this parameter you can change default `wufoo.com` to another one such as `wufoo.eu`
reportName	- the name of your report as displayed in the csv export URL (which is in lower-case with hyphens replacing spaces of your report name). The report should be also public.
showRequestURL	- use only for DEBUG purposes
debugConnection	
	- samilar as above. Either "0L" (false; default) or "1L"

Examples

```
## Not run:
report_info(reportName = "untitled-report")

## End(Not run)
```

---

report_widgets *Returns details of the widgets that make up a specific report.*

Description

The hash code for a widget can be used to embed the widget using Javascript. Only Chart, Graph, and Number widgets will be included in the request. Any Text or Datagrid widgets will not be shown.

Usage

```
report_widgets(
  wufoo_name = auth_name(NULL),
  domain = "wufoo.com",
  formIdentifier = NULL,
  showRequestURL = FALSE,
  debugConnection = 0L
)
```

Arguments

wufoo_name   - User's Name. Default: [auth_name](#)

domain   - for whatever reason domain's ccTLD may change. With this parameter you can change default wufoo.com to another one such as wufoo.eu

formIdentifier   - this will give you information about just one form. A request without the formIdentifier will return all forms.

showRequestURL   - use only for DEBUG purposes

debugConnection
                  - samilar as above. Either "0L" (false; default) or "1L"

Value

https://wufoo.github.io/docs/#widgets

Examples

```
## Not run:
report_widgets(formIdentifier = "z5kqx7h1gtvg4g")

## End(Not run)
```

---

retrieve_api_key   *Retrieve API Key on behalf of users*

Description

This request allows approved partners to access users API Keys. This is useful for custom integrations that need to make API requests on behalf of Wufoo users. For example, Zapier uses this method to set up new integrations, without requiring users to use or even know their own API Key.

Usage

```
retrieve_api_key(
  integrationKey = NULL,
  email = NULL,
  password = NULL,
  apiKey = auth_key(NULL),
  subdomain = NULL,
  showRequestURL = FALSE,
  debugConnection = 0L,
  domain = "wufoo.com"
)
```

Arguments

integrationKey	- Required. This is your Login integration key. Apply at https://master.wufoo.com/forms/integration-key-application/
email	- Required. The user's email, which acts as the identifier for their account.
password	- Required. The user's password
apiKey	- uses the passed api key of the user
subdomain	- Optional. The user's subdomain. Is required if the email belongs to a sub-user or the email address is used on multiple accounts.
showRequestURL	- use only for DEBUG purposes
debugConnection	
	- samilar as above. Either "0L" (false; default) or "1L"
domain	- for whatever reason domain's ccTLD may change. With this parameter you can change default wufoo.com to another one such as wufoo.eu

Value

https://wufoo.github.io/docs/#retrieve-api-key

Note

This method has not been tested. Please report bugs in GitHub Issues

This method will not work unless you are one of Wufoo's exclusive partners.

---

user_info   *Return information about the user*

Description

Shows information about the user.

Usage

```
user_info(
  wufoo_name = auth_name(NULL),
  domain = "wufoo.com",
  showRequestURL = FALSE,
  debugConnection = 0L
)
```

Arguments

wufoo_name   - User's Name. Default: auth_name

domain   - for whatever reason domain's ccTLD may change. With this parameter you
                    can change default wufoo.com to another one such as wufoo.eu

showRequestURL   - use only for DEBUG purposes

debugConnection

                    - samilar as above. Either "0L" (false; default) or "1L"

Value

<https://wufoo.github.io/docs/#users>

References

wufoo_api - User's API Key. Default: auth_key.

Examples

```
## Not run:
user_info(debugConnection = 1L, domain = "wufoo.eu")

## End(Not run)
```

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