Package 'tfse'

May 30, 2016

Type Package

Title twitter follows & selective exposure

Version 0.1.0

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Description this package contains R code used in my dissertation research most of the functions are designed to interact with twitter's API. this repository will one day be organized into more useful replication materials. until then, it's is a work in progress.

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LazyData TRUE

RoxygenNote 5.0.1

Imports httr, jsonlite, rvest

R topics documented:

check_rate_limit	*check_rate_limit*

Description

check_rate_limit

Usage

```
check_rate_limit(type, token, seconds = FALSE)
```

Arguments

type	If not missing, which returns entire rate limit request object, type returns specific values; e.g., type = "lookup" returns remaining limit for user lookup requests; type = "followers" returns remaining limit for follower id requests; type = "friends" returns remaining limit for friend id requests.
token	An OAuth token (1.0 or 2.0)
seconds	logical, indicating whether to return unix seconds

Value

response Rate limit response object or specific value of remaining requests

See Also

See https://dev.twitter.com/overview/documentation for more information on using Twitter's API.

data_frame_lookup	*data_frame_lookup*

Description

data_frame_lookup

Usage

```
data_frame_lookup(x)
```

Arguments

x	json resposne object from user lookup Twitter API call.

Value

data frame

See Also

See https://dev.twitter.com/overview/documentation for more information on using Twitter's API.

get_followers   *get_followers*

Description

get_followers

Usage

```
get_followers(user, token, page = "-1")
```

Arguments

user	Screen name or user id of target user.
token	OAuth token (1.0 or 2.0)
page	Default page = -1 specifies first page of json results. Other pages specified via cursor values supplied by Twitter API response object.

Value

user ids

See Also

See https://dev.twitter.com/overview/documentation for more information on using Twitter's API.

get_followers_max   *get_followers_max*

Description

get_followers_max

Usage

```
get_followers_max(user, tokens)
```

Arguments

user	Screen name or user id of target user
tokens	OAuth tokens (1.0 or 2.0)

Value

user ids

See Also

See https://dev.twitter.com/overview/documentation for more information on using Twitter's API.

---

get_friends *get_friends*

Description

get_friends

Usage

```
get_friends(user, token, page = "-1")
```

Arguments

user	Screen name or user id of target user.
token	OAuth token (1.0 or 2.0)
page	Default page = -1 specifies first page of json results. Other pages specified via cursor values supplied by Twitter API response object.

Value

friends User ids for everyone a user follows.

See Also

See <https://dev.twitter.com/overview/documentation> for more information on using Twitter's API.

---

get_friends_max *get_friends_max*

Description

get_friends_max

Usage

```
get_friends_max(ids, tokens, start = 1)
```

Arguments

ids	Data frame with column name "screen_name"
tokens	OAuth tokens (1.0 or 2.0)
start	Starting value (nth user id)

Value

friends List of user ids each user follows.

See Also

See <https://dev.twitter.com/overview/documentation> for more information on using Twitter's API.

get_list   *get_list*

Description

get_list

Usage

```
get_list(slug, owner, token, count = 5000, cursor = "-1")
```

Arguments

slug	Name of Twitter list
owner	Screen name of list owner
token	An OAuth token (1.0 or 2.0)
count	Maximum number of users to return (cannot be higher than 5000).
cursor	Select next or previous page or results using cursor value from returned json object

Value

json response object as nested list

See Also

See https://dev.twitter.com/overview/documentation for more information on using Twitter's API.

get_lookup   *get_lookup*

Description

get_lookup

Usage

```
get_lookup(users, token, df = TRUE)
```

Arguments

users	Screen name or user id of target users.
token	OAuth tokens (1.0 or 2.0)
df	logical, indicating whether to format response as data frame

Value

response object

See Also

See <https://dev.twitter.com/overview/documentation> for more information on using Twitter's API.

---

get_lookup_max   *get_lookup_max*

Description

get_lookup_max

Usage

```
get_lookup_max(ids, tokens, start = 1)
```

Arguments

ids	User id or screen name of target user.
tokens	OAuth tokens (1.0 or 2.0)
start	First (nth) id

Value

response object

See Also

See <https://dev.twitter.com/overview/documentation> for more information on using Twitter's API.

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get_package_pdf   *get_package_pdf*

Description

get_package_pdf

Usage

```
get_package_pdf(package, update = FALSE, open = TRUE)
```

Arguments

package	Name of target package.
update	logical, indicating whether to replace old manual
open	logical, indicating whether to automatically view preview of pdf

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get_wave *get_wave*

Description

get_wave

Usage

```
get_wave(ids, tokens)
```

Arguments

ids   Vector of user ids

Value

friends List of user ids each user follows.

See Also

See https://dev.twitter.com/overview/documentation for more information on using Twitter's API.

---

get_wave_data *get_wave_data*

Description

get_wave_data

Usage

```
get_wave_data(wave)
```

Arguments

wave   Wave number

Value

data Saved wave data and updated running data set

---

is_screen_name   *is_screen_name*

Description

is_screen_name

Usage

```
is_screen_name(x)
```

Arguments

x   Twitter user id or screen name

Value

logical value indicating whether object is screen name [or user ID]

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load_tokens   *load_tokens*

Description

load_tokens

Usage

```
load_tokens()
```

Value

twitter oauth 1.0 tokens

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sn2id   *sn2id*

Description

sn2id

Usage

```
sn2id(screen_name)
```

Arguments

screen_name   Twitter handle

Value

response Twitter account user id

See Also

See <https://dev.twitter.com/overview/documentation> for more information on using Twitter's API.

TWIT	*TWIT*

Description

TWIT

Usage

```
TWIT(query, parameters, token)
```

Arguments

query	Twitter API request type string. e.g, `"friends/ids"` calls Twitter API to return information about a user's friend network (i.e., accounts followed by a user).
parameters	Additional parameters passed along to API call
token	An OAuth token (1.0 or 2.0)

Value

json response object as nested list

See Also

See <https://dev.twitter.com/overview/documentation> for more information on using Twitter's API.

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