Package 'tfse'

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Type Package

Title twitter follows & selective exposure

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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.

License MIT

LazyData TRUE

RoxygenNote 5.0.1

Imports httr, jsonlite

R topics documented:

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check_rate_limit   *check_rate_limit*

Description

check_rate_limit

Usage

```
check_rate_limit(type, token)
```

Arguments

type   If not missing, which returns entire rate limit request object, type returns spe-
                cific values; e.g., type = "lookup" returns remaining limit for user lookup re-
                quests; 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)

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 Twit-
ter's API.

---

get_followers   *get_followers*

Description

get_followers

Usage

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

Arguments

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.

screen_name   Screen name of target user.

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

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.
screen_name	Screen name of target user.

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)
group	Source used to identify users (groups are liberal, conservative, realDonaldTrump, HillaryClinton, and celebrity)

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_lookup   *get_lookup*

Description

get_lookup

Usage

```
get_lookup(users, token)
```

Arguments

users	User ids of target user.
token	OAuth tokens (1.0 or 2.0)

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)
```

Arguments

ids	User ids of target user.
tokens	OAuth tokens (1.0 or 2.0)

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]

load_tokens *load_tokens*

Description

load_tokens

Usage

```
load_tokens()
```

Value

twitter oauth 1.0 tokens

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)
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.

Value

json response object as nested list

See Also

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

Index