Package ‘rvkstat’

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Type Package
Title Interface to API ‘vk.com’
Version 2.6.3
Date 2019-12-11
Author Alexey Seleznev
Maintainer Alexey Seleznev <selesnow@gmail.com>
Description Load data from vk.com api about your community users and views, ads performance, post on user wall and etc. For more detail see <https://vk.com/dev/first_guide>.
License GPL-2
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Description

Load data from vk.com api about your community users and views, ads performance, post on user wall and etc. For more detail see <https://vk.com/dev/first_guide>.

Details

The DESCRIPTION file:

Package: rvkstat
Type: Package
Title: Interface to API 'vk.com'
Version: 2.6.3
Date: 2019-12-11
Author: Alexey Seleznev
Maintainer: Alexey Seleznev <selesnow@gmail.com>
Description: Load data from vk.com api about your community users and views, ads performance, post on user wall and etc.
License: GPL-2
Depends: R (>= 3.5.0)
rvkstat-package

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Author(s)
Alexey Selezev

Maintainer: Alexey Selezev <selesnow@gmail.com>

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**vkAuth**  
*Authorization in 'Vkontakte'*

**Description**
Allows you to get a token to access the API using the scheme Authorization Code Flow - https://vk.com/dev/authcode_flow_user

**Usage**

```r
vkAuth(app_id = 5344605,
       app_secret = "CAyGdHhdgEBEW8fJCMz5",
       apiVersion = "5.68")
```

**Arguments**

- **app_id** Application ID, you can find it on the application settings page.
- **app_secret** Secure application key, you can find it on the application settings page.
- **apiVersion** API version.

**Value**
The list of credentials to work with the API Vkontakte

**Author(s)**
Alexey Selezev

**Examples**

```r
## Not run:
## Auth in VK
my_tok <- vkAuth(app_id = 1,app_secret = "H2PkJtgyFD8O2t4ZaPHm")

## End(Not run)
```
vkGetAdAccounts

List of Advertising Account

Description
Returns a list of available advertising spaces.

Usage
vkGetAdAccounts(access_token = NULL, api_version = NULL)

Arguments
access_token API access tokens obtained using vkAuth or vkGetToken functions
api_version Vkontakte API version.

Value
Data frame with a list of advertising offices and their parameters with the following values:

account_id ID of the advertising account.
account_type Type of advertising office.
account_status The status of the advertising office. (1 - active, 0 - inactive)
access_role User privileges in the advertising office.

Author(s)
Alexey Seleznev

Examples
## Not run:
## Auth in VK
my_tok <- vkAuth(app_id = 1,
           app_secret = "H2PkJ8htyFD8024mZaPHm")

my_vk_acc <- vkGetAdAccounts(my_tok$access_token)

## End(Not run)
vkGetAdAgeStats

Statistics on Audience Coverage by Age.

Description

Returns statistics on the reach of advertising campaigns and ads by age.

Usage

vkGetAdAgeStats(account_id = NULL, ids_type = "campaign", ids = NULL,
                 period = "day", date_from = Sys.Date() - 30,
                 date_to = Sys.Date(), api_version = NULL,
                 access_token = NULL)

Arguments

account_id  The ID of the advertising account, a list of all available advertising offices can be obtained using the function vkGetAdAccounts.
ids_type    The type of objects requested that are listed in the ids parameter. Valid values "ad" - are ads, "campaigns" - are campaigns.
ids         Vector id of the requested ads, campaigns, clients or account, depending on what is specified in the ids_type parameter.
period      The way data is grouped by date is day-by-day statistics, month is month-by-month statistics, overall is all-time statistics. Time limits are specified in the date_from and date_to arguments.
date_from   The start date of the displayed statistics in the format YYYY-MM-DD.
date_to     End date of the displayed statistics in the format YYYY-MM-DD.
access_token API access tokens obtained using vkAuth or vkGetToken functions.
api_version Vkontakte API version for send rquest.

Value

Date frame with community statistics with the following values:

id  id of the object from the ids argument.
day (if the period is equal to day) day in the format YYYY-MM-DD.
month (if period is equal to month) - day in the format YYYY-MM.
day_from (if period is overall) the start date of the reporting period.
day_to (if period is overall) end date of the reporting period.
type object type from the ids_type parameter.
age age.
impressions_rate part of the audience that viewed the ad, from 0 to 1.
clicks_rate (the part of the audience that clicked on the ad, from 0 to 1.
vkGetAdAgeStats

Author(s)
Alexey Seleznev

Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1, app_secret = "H2PkJ8htyFD8024mZaPHm")

# 1. Get a static message on audience coverage by sex, advertising campaigns in the context of days
## 1.1. We get a list of advertising campaigns
camp <- vkGetAdCampaigns(account_id = 1,
                          access_token = my_tok$access_token)

## 1.2. We get statistics on advertising campaigns
vk_ad_age_stat_day <- vkGetAdAgeStats(account_id = 1,
                                       ids_type = "campaign",
                                       ids = camp$id,
                                       period = "day",
                                       date_from = "2010-01-01",
                                       date_to = "2017-09-10",
                                       access_token = my_tok$access_token)

# 2. Receive a static message on the ads in the context of months
## 2.1. We get a list of advertising campaigns
ads <- vkGetAds(account_id = account_id, access_token = my_tok$access_token)

## 2.2. We get ad statistics
vk_ad_age_stat_month <- vkGetAdAgeStats(account_id = 1,
                                         ids_type = "ad",
                                         ids = ads$id,
                                         period = "month",
                                         date_from = "2010-01-01",
                                         date_to = "2017-09-10",
                                         access_token = my_tok$access_token)

# 3. Get a static message on reaching the audience for advertising campaigns without a temporary breakdown
## 3.1. We get a list of advertising campaigns
camp <- vkGetAdCampaigns(account_id = 1, access_token = my_tok$access_token)

## 3.2. We get statistics on advertising campaigns
vk_ad_age_stat_total <- vkGetAdAgeStats(account_id = 1,
                                         ids_type = "campaign",
                                         ids = camp$id,
                                         period = "overall",
                                         date_from = "2010-01-01",
                                         date_to = "2017-09-10",
                                         access_token = my_tok$access_token)
```
vkGetAdBudget

Budget of Advertising Cabinet 'Vkontakte'.

Description

Returns the current balance of the advertising account Vkontakte.

Usage

vkGetAdBudget(account_id = NULL, access_token = NULL, api_version = NULL)

Arguments

account_id    Advertising account ID, a list of all available advertising accounts can be obtained using the function vkGetAdAccounts.
access_token  API access token, obtained using the functions vkAuth or vkGetToken
api_version   Vkontakte API version.

Author(s)

Alexey Seleznev

Examples

## Not run:
## auth
my_tok <- vkAuth(app_id = 1,
     app_secret = "H2Pk8htyFD8024mZaPHm")

# Receive the rest of means from an advertising office
vk_budget <- vkGetAdBudget(account_id = 1,
                            access_token = my_tok$access_token)

## End(Not run)
vkGetAdCampaigns

Campaign list

Description

Returns a list of available advertising campaigns from the advertising office Vkontakte.

Usage

vkGetAdCampaigns(account_id = NULL, client_id = NULL, include_deleted = TRUE, campaign_ids = "null", api_version = NULL, access_token = NULL)

Arguments

account_id The ID of the advertising account, a list of all available advertising offices can be obtained using the function vkGetAdAccounts.
client_id Client identifier from which advertisements are requested. Available and required for advertising agencies.
include_deleted Boolean TRUE or FALSE, flag, specifying the need to display archived ads.
campaign_ids Campaign ids.
access_token API access token, obtained using the functions vkAuth or vkGetToken.
api_version Vkontakte API version for send request.

Value

Data frame with a list of advertising offices and their parameters with the following values:

id campaign ID.
type campaign type.
name campaign name.
status campaign status.
day_limit daily campaign limit in rubles.
all_limit total campaign limit in rubles.
start_time campaign start time.
stop_time campaign stop time.
create_time campaign creation time.
update_time the last time the campaign was modified.

Author(s)

Alexey Seleznev
Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1,
                  app_secret = "H2Pk8htyFD8024mZaPHm")

## get campaign list
my_vk_camp <- vkGetAdCampaigns(account_id = 1,
                                access_token = my_tok$access_token)

## End(Not run)
```

---

**vkGetAdCategories**  
List of Possible Subjects of Advertisements

**Description**

Returns a table with all possible topics and their subsections of the topics of advertisements from 'Vkontakte'

**Usage**

```r
vkGetAdCategories(access_token = NULL, api_version = NULL)
```

**Arguments**

- `access_token`  
  API access tokens obtained using `vkAuth` or `vkGetToken` functions
- `api_version`  
  Vkontakte API version for send request.

**Value**

Date frame with the following values:

- `id`  
  subject identifier.
- `name`  
  subject name.
- `subcategories_id`  
  identifier of the subsection.
- `ubcategories_name`  
  subsection name.

**Author(s)**

Alexey Seleznev
### Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1,
                 client_secret = "H2Pk8htyFD8024mZaPHm")

# list of subjects
vk_ad_categories <- vkGetAdCategories(access_token = my_tok$access_token)

## End(Not run)
```

### Description

Returns statistics on audience reach by advertising campaign and ads by city.

### Usage

```r
vkGetAdCityStats(account_id = NULL, ids_type = "campaign", ids = NULL,
                  period = "day", date_from = Sys.Date() - 30, date_to =
                  Sys.Date(), api_version = NULL, access_token = NULL)
```

### Arguments

- **account_id**: Advertising account ID, a list of all available advertising accounts can be obtained using the function `vkGetAdAccounts`.
- **ids_type**: The type of objects requested, which are listed in the `ids` parameter. Valid ad values are ads, campaigns are campaigns.
- **ids**: Vector id of the requested ads, campaigns, clients or account, depending on what is specified in the `ids_type` parameter.
- **period**: The method of grouping data by date. day - statistics by days, month - statistics by months, overall - statistics for all time. Temporary restrictions are given by the arguments `date_from` and `date_to`.
- **date_from**: The starting date of the displayed statistics in the format YYYY-MM-DD.
- **date_to**: The end date of the displayed statistics in the format YYYY-MM-DD.
- **access_token**: API access token, obtained using the functions `vkAuth` or `vkGetToken`.
- **api_version**: Vkontakte API version.
Value

Date frame with the following values:

- **id**
  - id of the object from the ids argument.
- **day**
  - (if the period is equal to day) day in the format YYYY-MM-DD.
- **month**
  - (if period is equal to month) - day in the format YYYY-MM.
- **day_from**
  - (if period is overall) the start date of the reporting period.
- **day_to**
  - (if period is overall) the finish date of the reporting period.
- **type**
  - the type of the object from the ids_type parameter.
- **city_id**
  - city id or other for other cities.
- **city_name**
  - city name.
- **impressions_rate**
  - part of the audience that viewed the ad, from 0 to 1.
- **clicks_rate**
  - (the part of the audience that clicked on the ad, from 0 to 1.

Author(s)

Alexey Seleznev

Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1, app_secret = "H2Pk8htyFD8024mZaPHm")

# 1. Get a static report on audience coverage in the context of cities by advertising campaigns by day
# 1.1. We get a list of advertising campaigns
camp <- vkGetAdCampaigns(account_id = 1, access_token = my_tok$access_token)
# 1.2. We get statistics on advertising campaigns
vk_ad_city_stat_day <- vkGetAdCityStats(account_id = 1,
                             ids_type = "campaign",
                             ids = camp$id,
                             period = "day",
                             date_from = "2010-01-01",
                             date_to = "2017-09-10",
                             access_token = my_tok$access_token)

# 2. Receive a static message on the ads in the context of months
# 2.1. We get a list of advertising campaigns
ads <- vkGetAds(account_id = account_id, access_token = my_tok$access_token)
# 2.2. Get ad statistics
vk_ad_city_stat_month <- vkGetAdCityStats(account_id = 1,
                             ids_type = "ad",
                             ids = ads$id,
                             period = "month",
                             date_from = "2010-01-01",
```
# 3. Receive a static report on audience coverage in the context of cities by advertising campaigns without a temporary breakdown

## 3.1. We get a list of advertising campaigns

camp <- vkGetAdCampaigns(account_id = 1, access_token = my_tok$access_token)

## 3.2. Get statistics on advertising campaigns

vk_ad_city_stat_total <- vkGetAdCityStats(account_id = 1, ids_type = "campaign", ids = camp$id, period = "overall", date_from = "2010-01-01", date_to = "2017-09-10", access_token = my_tok$access_token)

## End(Not run)

---

**vkGetAdClients**  
*Client list.*

**Description**

Returns a list of advertising agency clients.

**Usage**

vkGetAdClients(account_id = NULL, api_version = NULL, access_token = NULL)

**Arguments**

- **account_id**  
  Advertising account ID, a list of all available advertising accounts can be obtained using the function vkGetAdAccounts.

- **access_token**  
  API access token, obtained using the functions vkAuth or vkGetToken

- **api_version**  
  Vkontakte API version.

**Value**

Date frame with community statistics with the following values:

- **id**  
  client id.

- **name**  
  customer name.

- **day_limit**  
  client's daily limit in rubles.

- **all_limit**  
  total customer limit in rubles.
vkGetAdGenderAgeStats

Statistics on Audience Coverage by Age and Gender.

Description

Returns statistics on the reach of advertising campaigns and ads by age and sex.

Usage

vkGetAdGenderAgeStats(account_id = NULL, ids_type = "campaign", ids = NULL, period = "day", date_from = Sys.Date() - 30, date_to = Sys.Date(), api_version = NULL, access_token = NULL)

Arguments

<table>
<thead>
<tr>
<th>name</th>
<th>description</th>
</tr>
</thead>
<tbody>
<tr>
<td>account_id</td>
<td>Advertising account ID, a list of all available advertising accounts can be obtained using the function vkGetAdAccounts.</td>
</tr>
<tr>
<td>ids_type</td>
<td>The type of objects requested, which are listed in the ids parameter. Valid ad values are ads, campaigns are campaigns.</td>
</tr>
<tr>
<td>ids</td>
<td>Vector id of the requested ads, campaigns, clients or account, depending on what is specified in the ids_type parameter.</td>
</tr>
<tr>
<td>period</td>
<td>The method of grouping data by date. day - statistics by days, month - statistics by months, overall - statistics for all time. Temporary restrictions are given by the arguments date_from and date_to.</td>
</tr>
<tr>
<td>date_from</td>
<td>The starting date of the displayed statistics in the format YYYY-MM-DD.</td>
</tr>
<tr>
<td>date_to</td>
<td>The end date of the displayed statistics in the format YYYY-MM-DD.</td>
</tr>
<tr>
<td>access_token</td>
<td>API access token, obtained using the functions vkAuth or vkGetToken.</td>
</tr>
<tr>
<td>api_version</td>
<td>Vkontakte API version.</td>
</tr>
</tbody>
</table>

Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1,
                 app_secret = "H2Pk8htyFD8024mZaPHm")

## We get a list of clients from the agent account
vk_clients <- vkGetAdClients(account_id = 1,
                              access_token = my_tok$access_token)

## End(Not run)
```
Value

Date frame with community statistics with the following values:

1. id  id of the object from the ids argument.
2. day  (if the period is equal to day) day in the format YYYY-MM-DD.
3. month  (if period is equal to month) - day in the format YYYY-MM.
4. day_from  (if period is overall) the start date of the reporting period.
5. day_to  (if period is overall) end date of the reporting period.
6. type  object type from the ids_type parameter.
7. gender  gender.
8. age  age.
9. impressions_rate  part of the audience that viewed the ad, from 0 to 1.
10. clicks_rate  (the part of the audience that clicked on the ad, from 0 to 1.

Author(s)

Alexey Seleznov

Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1,
                 app_secret = "H2Pk8htyFD8024mZaPHm")

# 1. Get a static message on audience coverage by sex, advertising campaigns in the context of days
# 1.1. We get a list of advertising campaigns
camp <- vkGetAdCampaigns(account_id = 1, access_token = my_tok$access_token)
# 1.2. We get statistics on advertising campaigns
vk_ad_gender_age_stat_day <- vkGetAdGenderAgeStats(account_id = 1,
                                                      ids_type = "campaign",
                                                      ids = camp$id,
                                                      period = "day",
                                                      date_from = "2010-01-01",
                                                      date_to = "2017-09-10",
                                                      access_token = my_tok$access_token)

# 2. Receive a static message on the ads in the context of months
# 2.1. We get a list of advertising campaigns
ads <- vkGetAds(account_id = account_id, access_token = my_tok$access_token)
# 2.2. Get ad statistics
vk_ad_gender_age_stat_month <- vkGetAdGenderAgeStats(account_id = 1,
                                                      ids_type = "ad",
                                                      ids = ads$id,
```
vkGetAdGenderStats

Statistics on Audience Coverage by Gender.

Description

Returns audience coverage statistics for advertising campaigns and ads by gender.

Usage

vkGetAdGenderStats(account_id = NULL, ids_type = "campaign", ids = NULL,
period = "day", date_from = Sys.Date() - 30, date_to = Sys.Date(),
api_version = NULL, access_token = NULL)

Arguments

account_id Advertising account ID, a list of all available advertising accounts can be obtained using the function vkGetAdAccounts.
ids_type The type of objects requested, which are listed in the ids parameter. Valid values: ad - are ads, campaigns - are campaigns.
ids Vector id of the requested ads, campaigns, clients or account, depending on what is specified in the ids_type parameter.
period The method of grouping data by date. day - statistics by days, month - statistics by months, overall - statistics for all time. Temporary restrictions are given by the arguments date_from and date_to.
date_from The starting date of the displayed statistics in the format YYYY-MM-DD.
The end date of the displayed statistics in the format YYYY-MM-DD.

API access token, obtained using the functions vkAuth or vkGetToken

Vkontakte API version.

Date frame with community statistics with the following values:

1. id
   id of the object from the ids argument.

2. day
   (if the period is equal to day) day in the format YYYY-MM-DD.

3. month
   (if period is equal to month) day in the format YYYY-MM.

4. day_from
   (if period is overall) the start date of the reporting period.

5. day_to
   (if period is overall) end date of the reporting period.

6. type
   object type from the ids_type parameter.

7. gender
   gender, f - female, m - male.

8. impressions_rate
   part of the audience that viewed the ad, from 0 to 1.

9. clicks_rate
   (the part of the audience that clicked on the ad, from 0 to 1.

Author(s)

Alexey Seleznev

Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1, app_secret = "H2Pk8htyFD8024mZaPHm")

# 1.Get a stat message on audience coverage by sex,
# advertising campaigns in the context of days
## 1.1. We get a list of advertising campaigns
camp <- vkGetAdCampaigns(account_id = 1, access_token = my_tok$access_token)
## 1.2. We get statistics on advertising campaigns
vk_ad_gender_stat_day <- vkGetAdGenderStats(account_id = 1, 
ids_type = "campaign",
ids = camp$id ,
period = "day",
date_from = "2010-01-01",
date_to = "2017-09-10",
access_token = my_tok$access_token)

# 2.Receive a stat message on the ads in the context of months
## 2.1. We get a list of advertising campaigns
ads <- vkGetAds(account_id = account_id, access_token = my_tok$access_token)
## 2.2. Get ad statistics
vk_ad_gender_stat_month <- vkGetAdGenderStats(account_id = 1, 
```
vkGetAdPostsReach

Statistics on The Coverage of Advertising Entries 'Vkontakte'.

Description

Returns detailed statistics on the reach of advertisements from ads and campaigns to promote community entries.

Usage

vkGetAdPostsReach(account_id = NULL, ids_type = "campaign", ids = NULL, api_version = NULL, access_token = NULL)

Arguments

account_id
Advertising account ID, a list of all available advertising accounts can be obtained using the function vkGetAdAccounts.

ids_type
The type of objects requested, which are listed in the ids parameter. Valid ad values are ads, campaigns are campaigns.

ids
Vector of id of the requested ads, campaigns, clients or account, depending on what is specified in the ids_type parameter.

access_token
API access tokens obtained using vkAuth or vkGetToken functions.

api_version
Vkontakte API version.
Details

Campaign statistics are only available for campaigns created since December 20, 2016. The video_views_start, video_views_3s, video_views_25p, video_views_50p, video_views_75p, video_views_100p fields with video statistics data are returned only for ads or campaigns from videos created after January 26, 2017.

Value

Date frame with community statistics with the following values:

1. id
   object ID from the ids parameter.
2. reach_subscribers
   reach subscribers.
3. reach_total
   total coverage.
4. links
   follow the link.
5. to_group
   transitions to the community.
6. join_group
   entry into the community.
7. report
   number of complaints about the record.
8. hide
   number of entries hidden.
9. unsubscribe
   number of unsubscribe members.
10. video_views_start
    number of starts to watch a video.
11. video_views_3s
    number of video inspections up to 3 seconds.
12. video_views_25p
    number of video inspections up to 25 percent.
13. video_views_50p
    number of video inspections up to 50 percent.
14. video_views_75p
    number of video inspections up to 75 percent.
15. video_views_100p
    The number of video inspections is up to 100 percent.

Author(s)

Alexey Seleznev

Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1, app_secret = "H2Pk8htyFD8024mZaPHm")

## camp list
camp <- vkGetAdCampaigns(account_id = 1,
                           access_token = my_tok$access_token)
```
## Get statistics on advertising campaigns

```r
post_reach <- vkGetAdPostsReach(account_id = 1600134264,
                               ids_type = "campaign",
                               ids = camp$id,
                               access_token = my_tok$access_token)
```

## End(Not run)

---

**vkGetAds**

*List of Ads From 'Vkontakte'.*

### Description

Provide to get a list of advertisements from the advertising office 'Vkontakte'.

### Usage

```r
vkGetAds(account_id = NULL, client_id = NULL, include_deleted =
          TRUE, campaign_ids = "null", ad_ids = "null",
          status_names = TRUE, api_version = NULL, access_token
          = NULL)
```

### Arguments

- **account_id**: The ID of the advertising account, a list of all available advertising offices can be obtained using the function `vkGetAdAccounts`.
- **client_id**: Client identifier from which advertisements are requested. Available and required for advertising agencies.
- **include_deleted**: Boolean TRUE or FALSE, flag, specifying the need to display archived ads.
- **campaign_ids**: Numeric vector, filter by advertising campaigns.
- **ad_ids**: Numeric vector, ad filter.
- **access_token**: API access token, obtained using the functions `vkAuth` or `vkGetToken`.
- **api_version**: Vkontakte API version.
- **status_names**: If TRUE you get status names, in FALSE status Ids.

### Details

If campaign_ids and ad_ids filters are enabled at the same time, the following ads will be displayed:

1. If the ad id is specified in ad_ids, then it is displayed.
2. If the ad belongs to an advertising campaign whose id is specified in campaign_ids, then it is displayed.
3. If there is an ad with the id specified in ad_ids and it belongs to a campaign whose id is specified in campaign_ids, then this ad campaign is ignored, i.e. for her, rule 2 does not work.

No more than 2000 ads are output from no more than 2000 campaigns.
vkGetAds

Value

Date frame with the following values:

- **id**: ad id.
- **campaign_id**: campaign id.
- **name**: name of the announcement.
- **status**: ad status.
- **ad_format**: ad format.
- **approved**: ad moderation status.
- **all_limit**: total ad limit in rubles. 0 - no limit is set.
- **create_time**: date and time of ad creation.
- **update_time**: the date and time of the last ad change.
- **age_restriction**: label about ad age limit.
- **category1_id**: ID of the subject or subsection of the subject of the announcement, a list of topics can be obtained using the function vkGetAdCategories.
- **category2_id**: Subject ID or sub topic of the ad. Additional topics, a list of topics can be obtained using the function vkGetAdCategories.
- **cost_type**: type of payment.
- **cpc**: price per switch in kopecks.
- **cpm**: price per 1000 impressions in kopecks.
- **impressions_limit**: limit the number of times this ad is shown per user.
- **impressions_limited**: a sign that the number of ad impressions per user is limited.
- **ad_platform**: advertising platforms where the ad will be displayed. (if ad_format is 1, 0 - VKontakte and partner sites, 1 - only VKontakte, (if ad_format is 9) all - all sites, desktop - full version of the site, mobile - mobile site and applications.)
- **video**: 1 - the ad is a video ad.

Author(s)

Alexey Seleznev

Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1, app_secret = "H2Pk8htyFD8024mZApm")
# ads list
my_vk_ads <- vkGetAds(account_id = 11111111,
                      access_token = my_tok$access_token)

## End(Not run)
```
vkGetAdsLayout  Appearance of Advertisements.

Description

Allows you to get a list of advertisements and a description of their appearance from the advertising office 'Vkontakte'.

Usage

vkGetAdsLayout(account_id = NULL, client_id = NULL, include_deleted = TRUE, campaign_ids = "null", ad_ids = "null", api_version = NULL, status_names = TRUE, access_token = NULL)

Arguments

account_id  Advertising account ID, a list of all available advertising accounts can be obtained using the function vkGetAdAccounts.
client_id  Client identifier from which advertisements are requested. Available and required for advertising agencies.
include_deleted  Boolean TRUE or FALSE, flag, specifying whether to display archived ads.
campaign_ids  Numeric vector, filter by advertising campaigns.
ad_ids  Numeric vector, ad filter.
status_names  Numeric vector, filter by advertising campaigns.
api_version  Vkontakte API version.
access_token  API access token, obtained using the functions vkAuth or vkGetToken

Details

If campaign_ids and ad_ids filters are enabled at the same time, the following ads will be displayed:
1. If the ad id is specified in ad_ids, then it is displayed. 2. If the ad belongs to an advertising campaign whose id is specified in campaign_ids, then it is displayed. 3. If there is an ad with the id specified in ad_ids and it belongs to a campaign whose id is specified in campaign_ids, then this ad campaign is ignored, i.e. for her, rule 2 does not work.

No more than 2000 ads are output from no more than 2000 campaigns.

The function is based on the API method ads.getAdsLayout, you can find out all the details of its work at https://vk.com/dev/ads.getAdsLayout.
vkGetAdStatistics

Value

Data frame with next values:

1. id        ad id.
2. campaign_id campaign id.
3. ad_format  ad format.
4. cost_type  type of payment.
5. video     1 - the ad is a video ad.
6. title     ad title.
7. description description of the advertisement.
8. link_url  link to the advertised object.
9. link_domain domain of the advertised site.
10. preview_link  link by clicking on which you can view the advertisement as it looks on the site. The link is available for 30 minutes after the vkGetAdsLayout function.
11. image_src ad image url.

Author(s)

Alexey Seleznev

Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1,
                 app_secret = "H2Pk8hTyFD8024mZaPHm")
# get Ads Layouts
my_vk_ads <- vkGetAdsLayout(account_id = 11111111,
                             access_token = my_tok$access_token)
## End(Not run)
```

Description

returns performance statistics for advertisements, campaigns, customers, or the entire account.

Usage

```r
vkGetAdStatistics(account_id = NULL, ids_type = "office", ids = NULL,
                   period = "overall", date_from = Sys.Date() - 30,
                   date_to = Sys.Date(), api_version = NULL, access_token
                   = NULL)
```
Arguments

account_id  The ID of the advertising account, a list of all available advertising offices can be obtained using the function vkGetAdAccounts.

ids_type  The type of objects requested that are listed in the ids parameter. Valid ad values are ads, campaign campaigns, client clients, office office.

ids  Vector id of the requested ads, campaigns, clients or account, depending on what is specified in the ids_type parameter.

period  The method of grouping data by date. day - statistics by days, month - statistics by months, overall - statistics for all time. Temporary restrictions are given by the arguments date_from and date_to.

date_from  The starting date of the displayed statistics in the format YYYY-MM-DD.

date_to  The end date of the displayed statistics in the format YYYY-MM-DD.

access_token  API access token, obtained using the functions vkAuth or vkGetToken

api_version  Vkontakte API version.

Value

Date frame with advertising statistics with the following values:

1. id  id of the object from the ids argument.

2. day  (if the period is equal to day) day in the format YYYY-MM-DD.

3. month  (if period is equal to month) - day in the format YYYY-MM.

4. day_from  (if period is overall) the start date of the reporting period.

5. day_to  (if period is overall) end date of the reporting period.

6. type  object type from the ids_type parameter.

7. spent  money spent.

8. impressions  number of views.

9. clicks  number of unique visitors.

10. reach  (if ids_type is ad or campaign and period is equal to day or month) - coverage.

11. video_views  (if ids_type is ad) - video views (for video ads).

12. video_views_half  (if ids_type is ad) - half the video views (for video ads)

13. video_views_full  (if ids_type is ad) - views of the whole video (for video ads).

14. video_clicks_site  (if ids_type is equal to ad) - transitions to the advertiser’s website from video ads (for video ads).

15. join_rate  (if ids_type is ad or campaign) - group membership, event, subscriptions to a public page or application settings (only if the ad contains a direct link to the corresponding VK page).

16. lead_form_sends  count of sended lead forms from your ads.
vkGetAdStatistics

Author(s)

Alexey Seleznev

Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1,
                 app_secret = "H2Pk8htyFD8024mZaPHm")

# 1. Get a static message on advertising campaigns in the context of days
## 1.1. We get a list of advertising campaigns
camp <- vkGetAdCampaigns(account_id = 1, access_token = my_tok$access_token)
## 1.2. We get statistics on advertising campaigns
vk_stat_by_campaign <- vkGetAdStatistics(account_id = 1,
                                          ids_type = "campaign",
                                          ids = camp$id,
                                          period = "day",
                                          date_from = "2010-01-01",
                                          date_to = "2017-09-10",
                                          access_token = my_tok$access_token)

# 2. Receive a static message on the ads in the context of months
## 2.1. We get a list of advertising campaigns
ads <- vkGetAds(account_id = account_id, access_token = my_tok$access_token)
## 2.2. Get ad statistics
vk_stat_by_ads <- vkGetAdStatistics(account_id = 1,
                                     ids_type = "ad",
                                     ids = ads$id,
                                     period = "month",
                                     date_from = "2010-01-01",
                                     date_to = "2017-09-10",
                                     access_token = my_tok$access_token)

# 3. Receive the general static of the advertising cabinet, in this example it is assumed that the id of the advertising cabinet is 1
vk_stat_by_account <- vkGetAdStatistics(account_id = 1,
                                         ids_type = "office",
                                         ids = 1,
                                         period = "overall",
                                         date_from = "2010-01-01",
                                         date_to = "2017-09-10",
                                         access_token = my_tok$access_token)

## End(Not run)
```
vkGetDbCities

City Dictionary.

Description

Returns a list of cities and countries.

Usage

vkGetDbCities(country_id = TRUE, region_id = NULL, q = NULL,
       need_all = TRUE, api_version = NULL, access_token =
       NULL)

Arguments

country_id       country identifier obtained using the vkGetDbCountries function.
region_id        identifier of the region whose city you want to receive. (this parameter is op-
q                tional.
search query string. For example, "Saint". The maximum string length is 15 characters.
need_all         Boolean TRUE or FALSE, flag — return a list of all countries.
access_token     API access token, obtained using the functions vkAuth or vkGetToken
api_version      Vkontakte API version.

Details

the q parameter is not specified, then a list of the largest cities in the given country will be returned. If the q parameter is specified, a list of cities that are relevant to the search query will be returned.

Value

Date frame with community statistics with the following values:

cid       country id.
title    country name.
important mark key cities for the current user.
area      area.
region    region.

Author(s)

Alexey Seleznev
### Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1, app_secret = "H2Pk8htyFD8024mZaPHm")

## Get a list of cities for Ukraine, because Ukraine id = 2
vk_cities <- vkGetDbCities(country_id = 2,
                           access_token = my_tok$access_token)

## Get the list of cities for the search query "St."
vk_cities_search <- vkGetDbCities(country_id = 1,
                                   q = "St.",
                                   access_token = my_tok$access_token)

## End(Not run)
```

---

## Description

Get list of countries.

## Usage

```r
vkGetDbCountries(need_all = TRUE, code = NULL, api_version = NULL,
                 access_token = NULL)
```

## Arguments

- **need_all**: Boolean TRUE or FALSE, flag — return a list of all countries.
- **code**: Text vector, two-letter codes of countries in ISO 3166-1 alpha-2, for which you need to give information. Example `c("RU", "UA", "BY")`, a list of all codes can be viewed at the link - https://vk.com/dev/country_codes
- **access_token**: API access token, obtained using the functions `vkAuth` or `vkGetToken`
- **api_version**: Vkontakte API version for send request.

## Details

If the `need_all` and `code` parameters are not specified, then a short list of countries located closest to the current user's country is returned. If the `need_all` parameter is specified, a list of all countries will be returned. If the `code` parameter is specified, only countries with the listed ISO 3166-1 alpha-2 codes will be returned. A list of all country codes can be obtained at the link - https://vk.com/dev/country_codes
vkGetDbRegions

Value

Date frame with community statistics with the following values:

1. cid  
   country id.
2. title  
   country name.

Author(s)

Alexey Seleznev

Examples

## Not run:
## auth
my_tok <- vkAuth(app_id = 1, app_secret = "H2PkJh6FD8200mZaPHm")

## get dictionary
vk_countries <- vkGetDbCountries(need_all = T,
   code = c("RU","UA","BY"),
   access_token = my_tok$access_token)

## End(Not run)

---

vkGetDbRegions  Regions list.

Description

Get regions dictionary.

Usage

vkGetDbRegions(country_id = NULL, q = NULL, api_version = NULL,
   access_token = NULL)

Arguments

country_id  
country identifier obtained using the vkGetDbCountries function.
q  
search query string. For example, Len. The maximum string length is 15 characters.
access_token  
API access token, obtained using the functions vkAuth or vkGetToken.
api_version  
Vkontakte API version for send rquest.

Details

If the q parameter is not specified, then a list of all regions in the given country will be returned. If the q parameter is specified, a list of regions that are relevant to the search query will be returned.
vkGetGroupStat

Value
Data frame contains community statistics with the following values:
1. region_id  region identifier.
2. title    name of the region.

Author(s)
Alexey Seleznev

Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1,
  app_secret = "H2Pk8htyFD8024mZaPHm")

## Get a list of regions for Ukraine, because Ukraine id = 2
vk_regions <- vkGetDbRegions(country_id = 2,
  access_token = my_tok$access_token)

##get a list of cities of Ukraine on request "Ode"
q = "Ode",
access_token = my_tok$access_token)

## End(Not run)
```

vkGetGroupStat  Statistics on visiting the community in 'Vkontakte'.

Description
Load data from the 'Vkontakte' communities by the number of views, subscriptions, replies and community visitors by date.

Usage

```r
vkGetGroupStat(date_from = Sys.Date(),
  date_to = Sys.Date(),
  group_id = NULL, access_token = NULL)
```

Arguments

date_from  The starting date of the displayed statistics in the format YYYY-MM-DD.
date_to    The end date of the displayed statistics in the format YYYY-MM-DD.
group_id   Community ID.
access_token  API access token, obtained using the functions vkAuth or vkGetToken
vkGetGroupStatAge

Value
Date frame with community statistics with the following values:

1. day          date for which statistics is given.
2. views        number of views.
3. visitors     number of unique visitors.
4. total_reach  full coverage.
5. subscribers_reach  subscribers reach.
6. subscribed   number of new subscribers.
7. unsubscribed number of unsubscribed.

Author(s)
Alexey Seleznev

Examples
## Not run:
## auth
my_tok <- vkAuth(app_id = 1, app_secret = "H2Pk8htyFD8024mZaPHm")

## Getting community statistics
communityData <- vkGetGroupStat(date_from = "2016-01-01",
                                  date_to = "2016-04-01",
                                  group_id = 1,
                                  access_token = my_tok$access_token)

## End(Not run)

vkGetGroupStatAge  Community Statistics by User Age Bucket

Description
Load data about community visitors by age group (12-18, 18-21, 21-24, 24-27, 27-30, 30-35, 35-45, 45-100) on dates.

Usage
vkGetGroupStatAge(date_from = Sys.Date(),
                   date_to = Sys.Date(),
                   group_id = NULL, access_token = NULL)
Arguments

- **date_from**: The starting date of the displayed statistics in the format YYYY-MM-DD.
- **date_to**: The end date of the displayed statistics in the format YYYY-MM-DD.
- **group_id**: Community ID.
- **access_token**: API access token, obtained using the functions `vkAuth` or `vkGetToken`.

Value

Date frame with statistics on community visitors with the following values:

1. **Date**: the date for which statistics are given.
2. **Visitors**: number of unique visitors.
3. **AgeGroup**: age interval.

Author(s)

Alexey Seleznev

Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1, app_secret = "H2Pk8htyFD8024mZaPHm")

## Get statistics on age groups of visitors
communityDataAge <- vkGetGroupStatAge(date_from = "2016-01-01",
                                      date_to = "2016-04-01",
                                      group_id = 1,
                                      access_token = my_tok$access_token)
```

Description

The function `vkGetGroupStatCity` allows you to get data about the city of community visitors by date.

Usage

```r
vkGetGroupStatCity(date_from = Sys.Date(),
                    date_to = Sys.Date(),
                    group_id = NULL,
                    access_token = NULL)
```
vkGetGroupStatCountries

Statistics of The Vkontakte Community Visitors By Country.

Description

Allows you to get data about the city of community visitors by date.

Usage

vkGetGroupStatCountries(date_from = Sys.Date(),
                        date_to = Sys.Date(),
                        group_id = NULL,
                        access_token = NULL)
vkGetGroupStatGender

Arguments

date_from The start date of the displayed statistics in the format YYYY-MM-DD.
date_to The end date of the displayed statistics in the format YYYY-MM-DD.
group_id Community ID.
access_token API access token, obtained using the functions vkAuth or vkGetToken

Value

Date frame with statistics on community visitors with the following values:

Date date for which statistics is given.
Visitors number of unique visitors.
CountryID country identifier
CountryCode two-letter country code (for example, "RU").
CountryName country name.

Author(s)

Alexey Seleznev

Examples

## Not run:
## auth
my_tok <- vkAuth(app_id = 1, app_secret = "H2Pk8htyFD8024mZaPHm")

## load data
communityDataCountry <- vkGetGroupStatCountries(
  date_from = "2016-01-01",
  date_to = "2016-04-01",
  group_id = 1,
  access_token = my_tok$access_token)

## End(Not run)

vkGetGroupStatGender Loading data by gender of the community visitors

Description

Allows you to download data on the gender of community visitors by date.

Usage

vkGetGroupStatGender(date_from = Sys.Date(),
                     date_to = Sys.Date(),
                     group_id = NULL,
                     access_token = NULL)
vkGetGroupStatGenderAge

Statistics on Age Groups And Gender of The 'VKontakte' Community.

Description

Provide to load to download statistics on the sex and age group of community visitors by date.

Usage

vkGetGroupStatGradeAge(date_from = Sys.Date(),
                       date_to = Sys.Date(),
                       group_id = NULL,
                       access_token = NULL)
Arguments

date_from  The starting date of the displayed statistics in the format YYYY-MM-DD.
date_to    The end date of the displayed statistics in the format YYYY-MM-DD.
group_id   Community ID.
access_token API access token, obtained using the functions vkAuth or vkGetToken

Value

Date frame with statistics on community visitors with the following values:

1. Date  the date for which statistics are given.
2. Visitors  number of unique visitors.
3. Gender  gender ("m" is male, "f" is female).
4. AgeGroup  age interval.

Author(s)

Alexey Seleznev

Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1, app_secret = "H2PkJhtyFD8024m2aPHm")

## Loading data by users by gender and age group
communityDataGenderAge <- vkGetGroupStatGenderAge(
  date_from = "2016-01-01",
  date_to = "2016-04-01",
  group_id = 1,
  access_token = my_tok$access_token)

## End(Not run)
```

vkGetGroupStatPostReach

Statistics of Posts on The Community Wall.

Description

Returns statistics for writing to the wall.

Usage

```r
vkGetGroupStatPostReach(owner_id = NULL,
  post_ids = NULL,
  api_version = NULL,
  access_token = NULL)
```
Arguments

owner_id  community ID - the owner of the entry. Indicated with a minus sign.
post_ids  vector containing record identifiers, please note - statistics data are available only for the 300 latest (most recent) posts on the community wall.
api_version  An optional argument, the API version number to which the request will be executed.
access_token  API access tokens obtained using vkAuth or vkGetToken functions.

Details

Statistics records are currently available only to communities with the number of participants from 5000 and above, as well as official communities.

Please note - statistics data are available only for the latest 300 (most recent) posts on the community wall. Common errors may occur during execution. Their description is on a separate page - https://vk.com/dev/errors.

Value

Date frame with the following values:

1. reach_viral  viral coverage (if recording was promoted with targeted advertising)
2. reach_ads  advertising reach (if the record was promoted using targeted advertising).
3. reach_subscribers  reach subscribers.
4. reach_total  total coverage.
5. links  follow the link.
6. to_group  transitions to the community.
7. join_group  entry into the community.
8. report  number of complaints about the record.
9. hide  number of entries hiding.
10. unsubscribe  number of unsubscribe members.
11. post_id  post id.

Author(s)

Alexey Seleznev

Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1,
                  app_secret = "H2P6k8htyFD8024mZaPHm")

## Get the list of community messages
```
my_vk_wall <- vkGetUserWall(user_id = -111111,
  access_token = my_tok$access_token)

## Get sub-stats for the latest 300 community entries
post_reach <- vkGetGroupStatPostReach(owner_id = -2222222,
  post_ids = my_vk_wall$id,
  access_token = my_tok$access_token)

## End(Not run)

vkGetGroupToken

Get the Access Key of Community 'Vkontakte'.

Description

This key allows you to work with the API on behalf of a group, meeting or public page. For example, with its help you can respond to community subscribers to messages received in its address. With the community access key, you can call those methods that have a special mark in the general list (https://vk.com/dev/methods). The vkGetGroupToken function gets the community access key using the Implicit flow scheme (https://vk.com/dev/implicit_flow_group).

Usage

vkGetGroupToken(app_id = 5344605, group_ids = NULL)

Arguments

app_id The ID of your Vkontakte application, which is located in the "Application ID" field in the application settings.

group_ids A vector containing the ID of the groups to which you want to get an access code.

Value

Object containing a group access token

Author(s)

Alexey Seleznev

Examples

## Not run:
## Get vk api token, where 1 is the application ID,
## and 11,22,33 is the group ID.
myToken <- vkGetGroupToken(appId = 1,
  group_ids = c(11,22,33))

## End(Not run)
vkGetToken  

Get vkontakte developer token

Description
vkGetToken open web link in browser and generate developer token, which you need for work with vk.com api

Usage
vkGetToken(app_id = 5344605)

Arguments
app_id  
Your app id from filed in app page vkontakte.

Value
R object with vk.com token

Author(s)
Alexey Seleznev

Examples
## Not run:
## Get vk api token
myToken <- vkGetToken(app_id = "1")
## End(Not run)

vkGetUserDialogs  

Returns The List of Conversations of The Current User or Community.

Description
Return a list of dialogs, or rather the last message from each dialog, in order to get a list of message dialogs, you must pass the community access key received by using the vkGetGroupToken function to the access_token argument, in order to get a list of user dialogs access obtained with vkGetToken

Usage
vkGetUserDialogs(offset = NULL, count = NULL,  
start_message_id = NULL,  
preview_length = 0, unread = 0,  
important = 0, unanswered = 0,  
api_version = NULL, access_token = NULL)
Arguments

offset  
Integer, offset required to select a specific subset of dialogs.

count  
A positive number, the default is 20, the maximum value is 200, the number of conversations you need to receive.

start_message_id  
A positive number, a message identifier starting from which you want to return a list of conversations. See below for details.

preview_length  
A positive number, the number of characters to cut the message. Specify 0 if you do not want to cut the message. (by default, messages are not cropped). Please note that the text is cut off by words, the exact number of characters may not match the specified value.

unread  
1 - return only dialogs with unread incoming messages. Default: 0.

important  
1 - return dialogs marked “Important” (for community posts).

unanswered  
1 - return dialogs marked “Unanswered” (for community messages).

api_version  
API access token, obtained using vkAuth or vkGetToken

access_token  
API access token, obtained using the functions vkAuth or vkGetToken

Details

If the start_message_id parameter was passed, the position of the dialog in the list will be found, the last message identifier of which is equal to start_message_id (or the closest one to it). Starting from this position, count dialogs will be returned. The offset in this case will be counted from this position (it may be negative).

API method which is used in the function: messages.getDialogs (https://vk.com/dev/messages.getDialogs)

The messages.getDialogs method returns a collection of objects describing private messages. A list of all possible fields for describing personal messages can be found at the link - https://vk.com/dev/objects/message.

Value

Date frame with the following values:

1. id  
message identifier (not returned for forwarded messages).

2. date  
date the message was sent.

3. out  
message type (0 - received, 1 - sent, not returned for forwarded messages).

4. user_id  
identifier of the user in the dialogue with which the message is located.

5. read_state  
status of the message (0 - not read, 1 - read, not returned for forwarding messages).

6. title  
the title of the message or conversation.

7. body  
message text.

8. random_id  
identifier used when sending a message. Returned for outgoing messages only

Author(s)

Alexey Seleznev
### Examples

```r
## Not run:
# Get access key for the community
group_token <- vkGetGroupToken(app_id = 111111,
                                group_ids = 222222)

# Get dialogs list
message <- vkGetUserDialogs(access_token = group_token)
## End(Not run)
```

---

/vkGetUserFriends

**Freind List in 'Vkontakte'**

#### Description

Returns a list of user friends identifiers and extended information about the user's friends.

#### Usage

```r
vkGetUserFriends(user_id = NULL, access_token = NULL, api_version =
                  NULL, name_case = "nom")
```

#### Arguments

- **user_id**: user ID for which you want to get a list of friends. If the parameter is not specified, it is considered that it is equal to the identifier of the current user.
- **name_case**: case for declining the user's first and last name. Possible values: nominative - nom, genitive - gen, dative - dat, accusative - acc, ablative - ins, prepositional - abl. Default nom.
- **access_token**: API access token, obtained using the functions `vkAuth` or `vkGetToken`
- **api_version**: Vkontakte API version for request.

#### Value

Data frame with community statistics with the following values:

1. **user_id**: user id.
2. **first_name**: name.
3. **last_name**: last name
4. **gender**: sex.
5. **nickname**: nickname of the user.
6. **domain**: short page address. Returns a string containing the short address of the page (for example, andrew). If not assigned, it returns "id" + user_id, for example, id35828305.
7. bdate  date of birth. Returns in the format D.M.YYYY or D.M (if the year of birth is hidden). If the date of birth is hidden entirely, the field is absent in the answer.
8. city  city id, city name can be obtained using the function vkGetDbCities.
9. country  country id, country name can be obtained using the function vkGetDbCountries.
10. photo_50  url of a square photo of a user having a width of 50 pixels. If the user does not have a photo, he returns http://vk.com/images/camera_c.gif.
11. photo_100  url of a square photo of a user having a width of 100 pixels. If the user doesn’t have a photo, he returns http://vk.com/images/camera_b.gif.
12. photo_200_orig  url of a user photo that has a width of 200 pixels. If the user doesn’t have a photo, he returns http://vk.com/images/camera_a.gif.
13. has_mobile  information about whether the user’s mobile phone number is known. Return values: 1 - known, 0 - unknown.
14. online  information about whether the user is currently online.
15. can_post  information about whether the current user can post on the wall. Possible values: 1 - can, 0 - can not.
16. can_see_all_posts  information about whether the current user can see someone else’s posts on the wall. Possible values: 1 - can, 0 - can not.
17. can_write_private_message  information about whether the current user can send a private message. Possible values: 1 - can, 0 - can not.
18. status  user status. Returns a string containing the text of the status located in the profile under the user name.
19. last_seen_time  date and time of last visit.
20. last_seen_platform  the type of platform through which the last entry was made. Possible values: 1 - mobile version, 2 - application for iPhone, 3 - application for iPad, 4 - application for Android, 5 - application for Windows Phone, 6 - application for Windows 10, 7 - full version of the site.
21. university  university id.
22. university_name  university name.
23. faculty  faculty id.
24. faculty_name  faculty name.
25. graduation  graduation year.
26. education_form  learning form
27. education_status  status (for example, "Graduate (Specialist)")
28. relation  marital status of the user. Possible values: 1 - not married / not married, 2 - have a friend / have a girlfriend, 3 - engaged / engaged, 4 - married / married, 5 - everything is difficult, 6 - in active search, 7 - in love / in love, 8 - in a civil marriage, 0 - not specified.
vkGetUserGroups

List of 'Vkontakte' communities.

Description

Returns the list of communities for the specified user.

Usage

vkGetUserGroups(user_id = NULL, filter = NULL, api_version = NULL, access_token = NULL)

Arguments

user_id user ID for which you want to get a list of friends. If the parameter is not specified, it is considered that it is equal to the identifier of the current user.

filter A list of community filters to be returned, separated by commas. The values are admin, editor, moder, groups, publics, events. By default, all user communities are returned. If the admin filter is specified, the communities in which the user is an administrator, editor - administrator or editor, moder - administrator, editor or moderator will be returned.

access_token API access token, obtained using the functions vkAuth or vkGetToken

api_version Vkontakte API version for send request.

Value

Date frame with community statistics with the following values:

gid community id.
name community name.
screen_name short address, for example, apiclub.
is_closed  is the community closed. Possible values: 0 - open, 1 - closed, 2 - private

is_closed  is the community closed. Possible values: 0 - open, 1 - closed, 2 - private

type  community type: group - group, page - public page, event - event.

description  community description text.

wiki_page  name of the main wiki page.

members_count  number of members.

start_date  date of foundation.

can_post  information about whether the current user can post on the community wall. Possible values: 1 - can, 0 - can not.

can_post  information about whether the current user can post on the community wall. Possible values: 1 - can, 0 - can not.

can_see_all_posts  information about whether it is allowed to see other people's posts on the group wall. Possible values: 1 - can, 0 - can not.

activity  public page status bar. For groups, a string value is returned, whether the group is open or not, and for events the start date.

status  community status.

fixed_post  pinned post ID.

verified  information about whether the community is verified. Possible values: 1 - can, 0 - can not.

site  the address of the site from the "web site" field in the community description.

can_create_topic  information on whether the current user can create a new discussion in the group. Possible values: 1 - can, 0 - can not.

photo  URL of the main photo with a size of 50x50px.

photo_medium  URL of the main photo with a size of 100x100px.

photo_big  The URL of the main photo in the maximum size.

Author(s)

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Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1, app_secret = "H2Pk8htyFD8024mZaPHm")

## get groups
my_vk_community <- vkGetUserGroups(user_id = 7437995,  
    access_token = my_tok$access_token)

## End(Not run)
```
vkGetUserWall

*Get Posts From Userwall.*

**Description**

Return posts list from userwall 'Vkontakte'.

**Usage**

vkGetUserWall(user_id = NULL, domain = NULL, filter = NULL, api_version = NULL, access_token = NULL)

**Arguments**

- **user_id**: user ID for which you want to get a list of friends. If the parameter is not specified, it is considered that it is equal to the identifier of the current user.
- **domain**: short address of user or community.
- **filter**: determines what types of posts on the wall should be received. Possible values: suggests — suggested entries on the community wall, postponed — deferred entries, owner — owner wall entries, others — not wall owner entries, all — all entries on the wall (owner + others), Default: all.
- **access_token**: API access token, obtained using the functions vkAuth or vkGetToken
- **api_version**: Vkontakte API version for send request.

**Value**

Date frame with the following values:

1. **id**: record ID.
2. **from_id**: identifier of the post author.
3. **to_id**: identifier of the owner of the wall on which the entry is placed.
4. **date**: post publication time
5. **post_type**: record type, can be one of the following values: post, copy, reply, postpone, suggest.
6. **text**: text entry.
7. **can_delete**: information about whether the current user can delete a post (1 — maybe, 0 — cannot).
8. **comments_count**: number of comments.
9. **likes_count**: the number of users who liked the post.
10. **reposts_count**: number of users who copied the record.
11. **attachment_type**: type of media attachment of the record (photos, links, etc.)
#### Examples

```r
## Not run:
## auth
my_tok <- vkAuth(app_id = 1, app_secret = "H2Pk8htyFD8024mZaPHm")

## get posts
my_vk_wall <- vkGetUserWall(user_id = 7437995,
                             access_token = my_tok$access_token)
```

## End(Not run)
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