

Package ‘YTAalytics’

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Title Wrapper for 'YouTube Analytics' API

Version 0.1.0

Description Simplify working with the 'YouTube Analytics' API <<https://developers.google.com/youtube/analytics>>. Collect traffic, time period, location, and other data quickly and efficiently.
For working with the 'YouTube Data' API, use the 'tuber' 'R' Package.

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analytics_request *Analytics Request Function - YouTube Analytics API*

Description

This is the function to make API calls to the YouTube Analytics API. Most other functions in this package are wrappers for this function with some arguments already populated. If none of the other prebuilt functions work for your use case, this is the function to turn to.

Usage

```
analytics_request(
  dimensions = NULL,
  metrics = "views,estimatedMinutesWatched",
  sort = NULL,
  maxResults = 10,
  filters = NULL,
  startDate = "2000-01-01",
  endDate = as.character(Sys.Date()),
  ids = "channel==MINE",
  currency = NULL,
  startIndex = NULL,
  includeHistoricalChannelData = NULL,
  token = getOption("YouTube_Token")
)
```

Arguments

dimensions	String. See https://developers.google.com/youtube/analytics/dimensions for valid arguments.
metrics	String. See https://developers.google.com/youtube/analytics/metrics for valid arguments.
sort	String. Specify by which metric/dimensions to sort output if applicable.
maxResults	Integer. Specify the number of results to return. Maximum is 200.
filters	String. Specify dimension to filter on if applicable. Ex: video==dQw4w9WgXcQ
startDate	Required. String specifying start date.
endDate	Required. String specifying end date.
ids	Required. Specify the channel. By default the function will specify "channel==MINE"
currency	String. Specify currency if applicable
startIndex	Integer. Specify index of first entity to retrieve, if applicable.
includeHistoricalChannelData	String. Indicates whether the API response should include channels' watch time and view data from the time period prior to when the channels were linked to the content owner. Only applies to content owner reports. Either 'true' or 'false'.
token	Required.

Value

data.frame

Examples

```
## Not run:
analytics_request(startDate = "2018-05-01",
                  endDate = "2017-01-01",
                  metrics = "views,comments,likes,dislikes,estimatedMinutesWatched")
```

```
## End(Not run)
```

channel_cities	<i>Channel City Data</i>
----------------	--------------------------

Description

Returns top cities by views. Data is only available after January 1, 2022.

Usage

```
channel_cities(...)
```

Arguments

```
...          Addt. arguments passed to analytics_request
```

Value

```
data.frame
```

Examples

```
## Not run:  
channel_cities()  
  
## End(Not run)
```

channel_countries	<i>Channel Country Data</i>
-------------------	-----------------------------

Description

Returns top countries by views

Usage

```
channel_countries(...)
```

Arguments

```
...          Addt. arguments passed to analytics_request
```

Value

```
data.frame
```

Examples

```
## Not run:  
channel_countries()  
  
## End(Not run)
```

channel_demographics *Channel Demographic Data*

Description

Returns age and gender demographics

Usage

```
channel_demographics(...)
```

Arguments

... Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:  
channel_demographics()  
  
## End(Not run)
```

channel_devices *Channel Device Data*

Description

Returns top devices by views

Usage

```
channel_devices(...)
```

Arguments

... Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:  
channel_devices()  
  
## End(Not run)
```

channel_live_onDemand *Channel Live & OnDemand Data*

Description

Return channel data split by live & on demand.

Usage

```
channel_live_onDemand(...)
```

Arguments

... Addt. arguments passed to analytics_request

Value

data.frame()

Examples

```
## Not run:  
channel_live_onDemand()  
  
## End(Not run)
```

channel_playback_location
Channel Playback Location

Description

Returns the type of page or application where video playbacks occurred.

Usage

```
channel_playback_location(...)
```

Arguments

... Addt. arguments passed to analytics_request

Details

For more information, refer to https://developers.google.com/youtube/analytics/dimensions#Playback_Location_Dimensions

Value

data.frame

Examples

```
## Not run:  
channel_playlist_location()  
  
## End(Not run)
```

channel_playlists *Channel Playlists*

Description

Returns all playlists in channel.

Usage

```
channel_playlists(...)  
  
channel_playlists(...)
```

Arguments

... Addt. arguments passed to data_playlist_request

Value

data.frame

data.frame

Examples

```
## Not run:  
channel_playlists()  
  
## End(Not run)  
## Not run:  
playlist_videos(playlistId = "PL2MI040U_GXq1L5JUxNOu1WCyXn-7QyZK")  
  
## End(Not run)
```

channel_sharing_services

Channel Sharing Services Data

Description

Returns top sharing services by views

Usage

```
channel_sharing_services(...)
```

Arguments

... Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:  
channel_sharing_services()  
  
## End(Not run)
```

channel_stats	<i>Channel Statistics</i>
---------------	---------------------------

Description

```
#' @description Returns high level video stats.
```

Usage

```
channel_stats(...)
```

Arguments

```
...           Addt. arguments passed to analytics_request
```

Value

```
data.frame
```

Examples

```
## Not run:  
channel_stats()  
  
## End(Not run)
```

channel_subscription_status	<i>Title</i>
-----------------------------	--------------

Description

```
#' @description Returns the subscription status of channel views.
```

Usage

```
channel_subscription_status(...)
```

Arguments

```
...           Addt. arguments passed to analytics_request
```

Value

```
data.frame
```

Examples

```
## Not run:  
channel_subscription_status()  
  
## End(Not run)
```

channel_time_period *Channel Time Period Views*

Description

Returns channel views by day or month.

Usage

```
channel_time_period(  
  period = "day",  
  endDate = as.character(format(Sys.Date(), "%Y-%m-01")),  
  ...  
)
```

Arguments

period	Required. Time period to breakdown data by. Supported values are day and month
endDate	Required. String. Data returned up until the last day specified, so for monthly period the end date must end with a day of 01
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:  
channel_time_period()  
  
## End(Not run)
```

channel_top_videos *Channel Top Videos*

Description

Returns top videos by views

Usage

```
channel_top_videos(...)
```

Arguments

... Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:  
channel_top_videos()  
  
## End(Not run)
```

channel_traffic_details
 Channel Traffic Sources Data

Description

Returns top traffic sources by views. Check out https://developers.google.com/youtube/analytics/dimensions#Traffic_Source_Dimensions for more information.

Usage

```
channel_traffic_details(trafficType = "EXT_URL", ...)
```

Arguments

trafficType Required. String. Type of traffic source.
... Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:  
channel_traffic_sources()  
  
## End(Not run)
```

```
channel_traffic_sources  
Channel Traffic Sources Data
```

Description

Returns top traffic sources by views

Usage

```
channel_traffic_sources(...)
```

Arguments

```
...          Addt. arguments passed to analytics_request
```

Value

data.frame

Examples

```
## Not run:  
channel_traffic_sources()  
  
## End(Not run)
```

```
channel_videos          Channel Videos List
```

Description

Returns all videos in channel. Note: As of July 2023, the YouTube Data API fails to return ALL videos on a channel by getting all videos from the "uploads" playlist for large YouTube channels. As a result this function's work-around is to pull all additional playlists from the channel, pull all video lists from all playlists, and append the result to the uploads return.

Usage

```
channel_videos(token = getOption("YouTube_Token"))
```

Arguments

token	YouTube token
-------	---------------

Value

data.frame

Examples

```
## Not run:  
channel_videos()  
  
## End(Not run)
```

data_channel_request *Channel Data Requests - YouTube Data API*

Description

This is a function to make API calls to the YouTube Data API for channel specific data. While it can be called directly, it is primarily intended to help get lists of videos within a channel. For more in-depth use of the Data API, please refer to `tuber`. For more details on the following arguments, please refer to <https://developers.google.com/youtube/v3/docs/channels/list>

Usage

```
data_channel_request(  
  part = NULL,  
  categoryId = NULL,  
  forUsername = NULL,  
  hl = NULL,  
  id = NULL,  
  managedByMe = NULL,  
  maxResults = 5,  
  mine = NULL,  
  onBehalfOfContentOwner = NULL,  
  pageToken = NULL,  
  token = getOption("YouTube_Token")  
)
```

Arguments

part	Required. String.
categoryId	String.
forUsername	String.
hl	String.

id	String.
managedByMe	String.
maxResults	Integer.
mine	String.
onBehalfOfContentOwner	String.
pageToken	String.
token	Required.

Value

data.frame

Examples

```
## Not run:
data_channel_request(part = "contentDetails",
                    mine = "true")

## End(Not run)
```

data_playlistItem_request

Playlist Item Data Requests - YouTube Data API

Description

This is a function to make API calls to the YouTube Data API for playlist item data. While it can be called directly, it is primarily intended to help get lists of videos within a playlist. For more in-depth use of the Data API, please refer to `tuber`. For more details on the following arguments, please refer to <https://developers.google.com/youtube/v3/docs/playlistItems/list>

Usage

```
data_playlistItem_request(
  part = NULL,
  id = NULL,
  maxResults = 5,
  onBehalfOfContentOwner = NULL,
  pageToken = NULL,
  playlistId = NULL,
  videoId = NULL,
  token = getOption("YouTube_Token")
)
```

Arguments

part	Required. String.
id	String.
maxResults	Integer.
onBehalfOfContentOwner	String.
pageToken	String.
playlistId	String.
videoId	String.
token	Required.

Value

data.frame

Examples

```
## Not run:
data_playlistItem_request(part = "contentDetails",
                          id = "PLA2387dsgkhfs9832hjkhuihsASDF",
                          mine = "true")

## End(Not run)
```

data_playlist_request *Playlist Data Requests - YouTube Data API*

Description

This is a function to make API calls to the YouTube Data API for playlist specific data. While it can be called directly, it is primarily intended to help get lists of videos within a playlist. For more in-depth use of the Data API, please refer to [tuber](https://developers.google.com/youtube/v3/docs/playlists/list). For more details on the following arguments, please refer to <https://developers.google.com/youtube/v3/docs/playlists/list>

Usage

```
data_playlist_request(
  part = NULL,
  channelId = NULL,
  hl = NULL,
  id = NULL,
  maxResults = 5,
  mine = NULL,
  onBehalfOfContentOwner = NULL,
  onBehalfOfContentOwnerChannel = NULL,
  pageToken = NULL,
  token = getOption("YouTube_Token")
)
```

Arguments

part	Required. String.
channelId	String.
hl	String.
id	String.
maxResults	Integer.
mine	String
onBehalfOfContentOwner	String.
onBehalfOfContentOwnerChannel	String.
pageToken	String.
token	Required.

Value

data.frame

Examples

```
## Not run:
data_playlist_request(part = "contentDetails",
                     id = "PLA2387dsgkhfs9832hjkhuihsASDF",
                     mine = "true")

## End(Not run)
```

data_video_request *Video Data Requests - YouTube Data API*

Description

This is a function to make API calls to the YouTube Data API for video data. While it can be called directly, it is primarily intended to help get metadata about videos such as title or description. For more in-depth use of the Data API, please refer to `tuber`. For more details on the following arguments, please refer to <https://developers.google.com/youtube/v3/docs/videos/list>

Usage

```
data_video_request(
  part = NULL,
  chart = NULL,
  hl = NULL,
  id = NULL,
  locale = NULL,
```



```
    maxHeight = NULL,  
    maxResults = NULL,  
    maxWidth = NULL,  
    myRating = NULL,  
    onBehalfOfContentOwner = NULL,  
    pageToken = NULL,  
    regionCode = NULL,  
    videoCategoryId = NULL,  
    token = getOption("YouTube_Token")  
  )
```

Arguments

part	Required. String
chart	String.
hl	String.
id	String.
locale	String.
maxHeight	Integer.
maxResults	Integer.
maxWidth	Integer.
myRating	String.
onBehalfOfContentOwner	String.
pageToken	String.
regionCode	String.
videoCategoryId	String.
token	Required.

Value

```
data.frame()
```

Examples

```
## Not run:  
data_video_request(part = "contentDetails",  
                   id = "dQw4w9WgXcQ")  
  
## End(Not run)
```

error_checking	<i>Error Check</i>
----------------	--------------------

Description

Make sure that the data returned from the API is not blank

Usage

```
error_checking(ytResults, id, contentType)
```

Arguments

ytResults	data.frame. Results from API
id	string. Video or playlistId
contentType	string. Either "video" or "playlist"

Value

data.frame

playlist_countries	<i>Playlist Country Data</i>
--------------------	------------------------------

Description

Returns top countries by views

Usage

```
playlist_countries(playlistId = NULL, ...)
```

Arguments

playlistId	Required. String. Id of YouTube playlist.
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:
playlist_countries(playlistId = "PL2MI040U_GXq1L5JUxN0u1WCyXn-7QyZK")

## End(Not run)
```

playlist_demographics *Playlist Demographic Data*

Description

Returns age and gender demographics

Usage

```
playlist_demographics(playlistId = NULL, ...)
```

Arguments

playlistId	Required. String. Id of YouTube playlist.
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:  
playlist_demographics(playlistId = "PL2MI040U_GXq1L5JUxNOu1WCyXn-7QyZK")  
  
## End(Not run)
```

playlist_devices *Playlist Device Data*

Description

Returns top devices by views

Usage

```
playlist_devices(playlistId = NULL, ...)
```

Arguments

playlistId	Required. String. Id of YouTube playlist.
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:
playlist_devices(playlistId = "PL2MI040U_GXq1L5JUxNOu1WCyXn-7QyZK")

## End(Not run)
```

playlist_live_onDemand

Playlist Live & OnDemand Data

Description

Return playlist data split by live & on demand.

Usage

```
playlist_live_onDemand(playlistId = NULL, ...)
```

Arguments

playlistId	Required. String. Id of YouTube playlist.
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:
playlist_live_onDemand(playlistId = "PL2MI040U_GXq1L5JUxNOu1WCyXn-7QyZK")

## End(Not run)
```

playlist_playback_location

Playlist Playback Location

Description

Returns the type of page or application where video playbacks occurred.

Usage

```
playlist_playback_location(playlistId = NULL, ...)
```

Arguments

playlistId Required. String. Id of YouTube playlist.
 ... Addt. arguments passed to analytics_request

Details

For more information, refer to https://developers.google.com/youtube/analytics/dimensions#Playback_Location_Dimensions

Value

data.frame

Examples

```
## Not run:
playlist_playback_location(playlistId = "PL2MI040U_GXq1L5JUxNOu1WCyXn-7QyZK")

## End(Not run)
```

playlist_stats	<i>Playlist Statistics</i>
----------------	----------------------------

Description

#' @description Returns high level video stats.

Usage

```
playlist_stats(playlistId = NULL, ...)
```

Arguments

playlistId Required. Strings. Id of YouTube Playlist
 ... Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:
playlist_stats(playlistId = "PL2MI040U_GXq1L5JUxNOu1WCyXn-7QyZK")

## End(Not run)
```

playlist_subscription_status
Playlist Subscription Status

Description

#' @description Returns the subscription status of playlist views.

Usage

```
playlist_subscription_status(playlistId = NULL, ...)
```

Arguments

playlistId	Required. String. Id of YouTube Playlist
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:
playlist_subscription_status(playlistId = "PL2MI040U_GXq1L5JUxNOulWCyXn-7QyZK")

## End(Not run)
```

playlist_top_videos *Playlist Top Videos*

Description

Returns top videos by views.

Usage

```
playlist_top_videos(playlistId = NULL, ...)
```

Arguments

playlistId	Required. String. Id of YouTube playlist.
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:  
playlist_top_videos(playlistId = "PL2MI040U_GXq1L5JUxNOu1WCyXn-7QyZK")  
  
## End(Not run)
```

playlist_traffic_details
Playlist Traffic Sources Data

Description

Returns top traffic sources by views. Check out https://developers.google.com/youtube/analytics/dimensions#Traffic_Source_Dimensions for more information.

Usage

```
playlist_traffic_details(playlistId = NULL, trafficType = "EXT_URL", ...)
```

Arguments

playlistId	Required. String. Id of YouTube playlist.
trafficType	Required. String. Type of traffic source.
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:  
playlist_traffic_sources(playlistId = "PL2MI040U_GXq1L5JUxNOu1WCyXn-7QyZK")  
  
## End(Not run)
```

playlist_traffic_sources

Playlist Traffic Sources Data

Description

Returns top traffic sources by views

Usage

```
playlist_traffic_sources(playlistId = NULL, ...)
```

Arguments

playlistId	Required. String. Id of YouTube playlist.
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:  
playlist_traffic_sources(playlistId = "PL2MI040U_GXq1L5JUxNOulWCyXn-7QyZK")  
  
## End(Not run)
```

playlist_videos

Playlist Videos List

Description

Returns all videos in playlist

Usage

```
playlist_videos(playlistId = NULL, ...)
```

Arguments

playlistId	Required. String. Id of YouTube playlist.
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:
playlist_videos(playlistId = "PL2MI040U_GXq1L5JUxN0u1WCyXn-7QyZK")

## End(Not run)
```

time_period_check	<i>Time Period Check</i>
-------------------	--------------------------

Description

Time Period Check

Usage

time_period_check(period)

Arguments

period	Required.
--------	-----------

Value

None

video_audience_retention	<i>Video Audience Retention</i>
--------------------------	---------------------------------

Description

Returns audience retention percentages for a video. By default this function will return audience retention rates for organic views.

Usage

```
video_audience_retention(videoId = NULL, audienceType = "ORGANIC", ...)
```

Arguments

videoId	Required. String. Id of YouTube video.
audienceType	Required. String. Supported values are ORGANIC, AD_INSTREAM, and AD_INDISPLAY
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:  
video_audience_retention(videoId = "dQw4w9WgXcQ")  
  
## End(Not run)
```

video_cities

Video City Data

Description

Returns top cities by views. Data is only available after January 1, 2022.

Usage

```
video_cities(videoId = NULL, ...)
```

Arguments

videoId	Required. String. Id of YouTube video.
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:  
video_cities(videoId = "dQw4w9WgXcQ")  
  
## End(Not run)
```

video_countries	<i>Video Country Data</i>
-----------------	---------------------------

Description

Returns top countries by views

Usage

```
video_countries(videoId = NULL, ...)
```

Arguments

videoId	Required. String. Id of YouTube video.
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:  
video_countries(videoId = "dQw4w9WgXcQ")  
  
## End(Not run)
```

video_demographics	<i>Video Demographic Data</i>
--------------------	-------------------------------

Description

Returns age and gender demographics

Usage

```
video_demographics(videoId = NULL, ...)
```

Arguments

videoId	Required. String. Id of YouTube video.
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:
video_demographics(videoId = "dQw4w9WgXcQ")

## End(Not run)
```

video_devices	<i>Video Device Data</i>
---------------	--------------------------

Description

Returns top devices by views

Usage

```
video_devices(videoId = NULL, ...)
```

Arguments

videoId	Required. String. Id of YouTube video.
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:
video_devices(videoId = "dQw4w9WgXcQ")

## End(Not run)
```

video_live_onDemand	<i>Video Live & OnDemand Data</i>
---------------------	---------------------------------------

Description

Return video data split by live & on demand.

Usage

```
video_live_onDemand(videoId = NULL, ...)
```

Arguments

videoId Required.String. Id of YouTube video.
 ... Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:
video_live_onDemand(videoId = "dQw4w9WgXcQ")

## End(Not run)
```

video_metadata	<i>Video Metadata</i>
----------------	-----------------------

Description

Video Metadata

Usage

```
video_metadata(videoId = NULL, ...)
```

Arguments

videoId Required. String. Id of YouTube Video.
 ... Addt. arguments passed to data_video_request

Value

data.frame

Examples

```
## Not run:
video_metadata(videoId = "dQw4w9WgXcQ")

## End(Not run)
```

`video_playback_location`*Video Playback Location*

Description

Returns the type of page or application where video playbacks occurred.

Usage

```
video_playback_location(videoId = NULL, ...)
```

Arguments

<code>videoId</code>	Required. String. Id of YouTube video.
<code>...</code>	Addt. arguments passed to <code>analytics_request</code>

Details

For more information, refer to https://developers.google.com/youtube/analytics/dimensions#Playback_Location_Dimensions

Value

`data.frame`

Examples

```
## Not run:  
video_playback_location(videoId = "dQw4w9WgXcQ")  
  
## End(Not run)
```

`video_sharing_services`*Video Sharing Services Data*

Description

Returns top sharing services by views

Usage

```
video_sharing_services(videoId = NULL, ...)
```

Arguments

videoId Required. String. Id of YouTube video.
 ... Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:
video_sharing_services(videoId = "dQw4w9WgXcQ")

## End(Not run)
```

video_stats	<i>Video Statistics</i>
-------------	-------------------------

Description

Returns high level video stats.

Usage

```
video_stats(videoId = NULL, ...)
```

Arguments

videoId Required. String. Id of YouTube video.
 ... Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:
video_stats(videoId = "dQw4w9WgXcQ")

## End(Not run)
```

video_subscription_status *Video Subscription Status*

Description

Returns the subscription status of video views.

Usage

```
video_subscription_status(videoId = NULL, ...)
```

Arguments

videoId	Required. String. Id of YouTube video.
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:  
video_subscription_status(videoId = "dQw4w9WgXcQ")  
  
## End(Not run)
```

video_time_period *Video Time Period Views*

Description

Returns video views by day or month.

Usage

```
video_time_period(  
  videoId = NULL,  
  period = "day",  
  endDate = as.character(format(Sys.Date(), "%Y-%m-01")),  
  ...  
)
```


Arguments

videoId	Required. String. Id of YouTube video.
period	Required. Time period to breakdown data by. Supported values are day and month
endDate	Required. String. Data returned up until the last day specified, so for monthly period the end date must end with a day of 01
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:
video_time_period(videoId = "dQw4w9WgXcQ", period = "month")

## End(Not run)
```

video_traffic_details *Video Traffic Details Data*

Description

Returns traffic details by views. Check out https://developers.google.com/youtube/analytics/dimensions#Traffic_Source_Dimensions for more information.

Usage

```
video_traffic_details(videoId = NULL, trafficType = "EXT_URL", ...)
```

Arguments

videoId	Required. String. Id of YouTube video.
trafficType	Required. String. Type of traffic source.
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:
video_traffic_sources(videoId = "dQw4w9WgXcQ")

## End(Not run)
```

video_traffic_sources *Video Traffic Sources Data*

Description

Returns top traffic sources by views

Usage

```
video_traffic_sources(videoId = NULL, ...)
```

Arguments

videoId	Required. String. Id of YouTube video.
...	Addt. arguments passed to analytics_request

Value

data.frame

Examples

```
## Not run:
video_traffic_sources(videoId = "dQw4w9WgXcQ")

## End(Not run)
```

youtube_GET *YouTube GET Function*

Description

this is a helper function to execute GET requests and clean data depending on what API is being called. This function can be but is not intended to be called directly.

Usage

```
youtube_GET(url = NULL, request = NULL, token)
```

Arguments

url	Required. Url path for API request
request	Required. Used to specify if requesting data from the YouTube Analytics API or YouTube Data api. Either 'analytics' or 'data'.
token	Required.

Value

data.frame

youtube_oauth	<i>YouTube API OAuth</i>
---------------	--------------------------

Description

This creates or grabs a token to authorize API requests

Usage

```
youtube_oauth(
  clientId = NULL,
  clientSecret = NULL,
  tokenFile = ".httr-oauth",
  useOOB = FALSE,
  setEnvVar = FALSE
)
```

Arguments

clientId	Required. Client Id obtained from console.cloud.google.com.
clientSecret	Required. Client Secret obtained from console.cloud.google.com
tokenFile	The name of the token httr-oauth file to read the token from. If the file does not exist then one will be created with the provided name.
useOOB	If TRUE, use oob method to copy/paste token into R.
setEnvVar	If TRUE, create an environment variable called "YouTube_Token" to store token.

Value

token environment

Examples

```
## Not run:
youtube_oauth("123456789asdalksdjfhaskldjfb.apps.googleusercontent.com",
              "MasdfH5320208ladshf790",
              token = ".httr-oauth-myToken")

## End(Not run)
```

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