

# Package ‘YAnalytics’

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**Title** Wrapper for 'YouTube Analytics' API

**Version** 0.2.1

**Description** Simplify working with the 'YouTube Analytics' API <<https://developers.google.com/youtube/analytics>>. Collect data for your channel including geography, traffic sources, time period, etc.

**License** MIT + file LICENSE

**Encoding** UTF-8

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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 <a href="https://developers.google.com/youtube/analytics/dimensions">https://developers.google.com/youtube/analytics/dimensions</a> for valid arguments.
metrics	String. See <a href="https://developers.google.com/youtube/analytics/metrics">https://developers.google.com/youtube/analytics/metrics</a> 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](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(...)
```

**Arguments**

... Addt. arguments passed to data\_playlist\_request

**Value**

data.frame

**Examples**

```
## Not run:  
channel_playlists()  
  
## 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>Channel Subscription Status</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](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)
```

playlist\_countries     *Playlist Country Data*

---

**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_GXq1L5JUxNOu1WCyXn-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\_metadata      *Playlist Metadata*

---

**Description**

Playlist Metadata

**Usage**

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

**Arguments**

playlistId      Required. String. Id of YouTube Video.  
...              Addt. arguments passed to data\_video\_request

**Value**

data.frame

**Examples**

```
## Not run:  
playlist_metadata(playlistId = "dQw4w9WgXcQ")  
  
## 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](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      *Playlist Statistics*

---

**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_GXq1L5JUxNOu1WCyXn-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](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_GXq1L5JUxNOuIWcyXn-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_GXq1L5JUxNOuIWcyXn-7QyZK")  
  
## End(Not run)
```



---

playlist_videos	<i>Playlist Videos List</i>
-----------------	-----------------------------

---

**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_GXq1L5JUxNOu1WCyXn-7QyZK")

## End(Not run)
```

---

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 &amp; 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](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](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\_oauth *YouTube API OAuth*

---

### 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,  
  scopes = c("https://www.googleapis.com/auth/youtube.readonly",  
            "https://www.googleapis.com/auth/yt-analytics.readonly"),  
  reAuthOnFail = 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 htr-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.
scopes	Scopes that must be passed when authenticating. See <a href="https://developers.google.com/youtube/analytics/reference">https://developers.google.com/youtube/analytics/reference</a> for more information.
reAuthOnFail	If TRUE, will automatically begin authentication process if provided token is expired.

**Value**

token environment

**Examples**

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

## End(Not run)
```

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