Package 'JamendoR'

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Type Package

Title Access to 'Jamendo' API

Version 0.1.1

Maintainer Maximilian Greil <maximilian_greil@web.de>

Description Provides an interface to 'Jamendo' API <https://developer.jamendo.com/v3.0>.
Pull audio, features and other information for a given
'Jamendo' user (including yourself!) or enter an artist's -, album's -,
or track's name and retrieve the available information in seconds.

Depends R (>= 3.3.0)

Imports httr,dplyr,jsonlite,stats

Suggests testthat (>= 3.0.0), knitr

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Encoding UTF-8

RoxygenNote 7.1.0

URL <https://github.com/MaxGreil/JamendoR>

BugReports <https://github.com/MaxGreil/JamendoR/issues>

Config/testthat/edition 3

NeedsCompilation no

Author Maximilian Greil [aut, cre],
Benedikt Greil [aut]

Repository CRAN

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R topics documented:

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controlInputVariables *Check if given variabels are null*

Description

controlInputVariables checks if given variabels id and name are null. Returns an error if both variables id and name are null. Returns warning if both variables id and name are not null.

Usage

```
controlInputVariables(id, name)
```

Arguments

id   String to check

name   String to check

---

controlLimit *Check if given limit is smaller than 200*

Description

controlLimit checks if given limit is smaller than 200. Returns warning if limit is greater than 200 and sets limit to 200.

Usage

```
controlLimit(limit)
```

Arguments

limit   Integer to check

Value

Returns integer limit

---

getAlbum   *Search Jamendo database for an album*

Description

Search Jamendo database for an album. You can search for either an album ID or an album name.

Usage

```
getAlbum(
  album_id = NULL,
  album_name = NULL,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

album_id	Album ID to seach for
album_name	Album name to seach for
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about an album. See https://developer.jamendo.com/v3.0/albums for more information.

Examples

```
##Example
 albumID <- getAlbum(album_id = "14866")
 albumName <- getAlbum(album_name = "Deuteranopia Utopia")
```

---

getAlbumMusicinfo   *Get tag list of an album*

Description

Get tag list of an album. You can search for either an album ID or an album name.

Usage

```
getAlbumMusicinfo(
  album_id = NULL,
  album_name = NULL,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

`album_id`	Album ID to seach for
`album_name`	Album name to seach for
`client_id`	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains tag list of an album. See https://developer.jamendo.com/v3.0/albums/musicinfo for more information.

Examples

```
##Example
 tagsFromID <- getAlbumMusicinfo(album_id = "14866")
 tagsFromName <- getAlbumMusicinfo(album_name = "Deuteranopia Utopia")
```

---

getAlbums   *Search Jamendo database for several albums*

Description

Search Jamendo database for several albums

Usage

```
getAlbums(album_ids, client_id = Sys.getenv("JAMENDO_CLIENT_ID"))
```

Arguments

`album_ids`	List of album IDs to seach for
`client_id`	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about several albums. See https://developer.jamendo.com/v3.0/albums for more information.

Examples

```
##Example
 IDs <- c(104336,124067)
 albums <- getAlbums(IDs)
```

---

getAlbumTracks   *Get tracks from an album*

Description

Get tracks from an album. You can search for either an album ID or an album name.

Usage

```
getAlbumTracks(
  album_id = NULL,
  album_name = NULL,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

album_id	Album ID to seach for
album_name	Album name to seach for
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about tracks from an album. See https://developer.jamendo.com/v3.0/albums/tracks for more information.

Examples

```
##Example
 tracksFromID <- getAlbumTracks(album_id = "14866")
 tracksFromName <- getAlbumTracks(album_name = "Deuteranopia Utopia")
```

---

getArtist   *Search Jamendo database for an artist*

Description

Search Jamendo database for an artist. You can search for either an artist ID or an artist name.

Usage

```
getArtist(
  artist_id = NULL,
  artist_name = NULL,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

`artist_id`	Artist ID to seach for
`artist_name`	Artist name to seach for
`client_id`	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about an artist. See https://developer.jamendo.com/v3.0/artists for more information.

Examples

```
##Example
 artistID <- getArtist(artist_id="1510")
 artistName <- getArtist(artist_name="Judas Priestley")
```

---

getArtistAlbums *Get albums from an artist*

Description

Search Jamendo database for an artist. You can search for either an artist ID or an artist name.

Usage

```
getArtistAlbums(
  artist_id = NULL,
  artist_name = NULL,
  limit = 10,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

`artist_id`	Artist ID to seach for
`artist_name`	Artist name to seach for
`limit`	Integer to set the number of displayed search results. Maximum value is 200.
`client_id`	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about albums from an artist. See https://developer.jamendo.com/v3.0/artists/albums for more information.

Examples

```
##Example
 albumsFromID <- getArtistAlbums(artist_id="1510",limit=3)
 albumsFromName <- getArtistAlbums(artist_name="Judas Priestley",limit=3)
```

---

getArtistMusicinfo   *Get tag list of an artist*

Description

Get tag list of an artist. You can search for either an artist ID or an artist name.

Usage

```
getArtistMusicinfo(
  artist_id = NULL,
  artist_name = NULL,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

artist_id	Artist ID to seach for
artist_name	Artist name to seach for
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains tag list of an artist. See https://developer.jamendo.com/v3.0/artists/musicinfo for more information.

Examples

```
##Example
 tagsFromID <- getArtistMusicinfo(artist_id="1510")
 tagsFromName <- getArtistMusicinfo(artist_name="Judas Priestley")
```

---

getArtists   *Search Jamendo database for several artists*

Description

Search Jamendo database for several artists

Usage

```
getArtists(artist_ids, client_id = Sys.getenv("JAMENDO_CLIENT_ID"))
```

Arguments

artist_ids   List of artist IDs to seach for

client_id   Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about several albums. See https://developer.jamendo.com/v3.0/artists for more information.

Examples

```
##Example
 IDs <- c(1510,338873)
 artists <- getArtists(IDs)
```

---

getArtistsLocation   *This method let you select and filter geographical locations which artists have declared as reference for themselves*

Description

This method let you select and filter geographical locations which artists have declared as reference for themselves

Usage

```
getArtistsLocation(
  location,
  city = NULL,
  limit = 10,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

location	The artist country (following ISO 3166_1 standard https://en.wikipedia.org/wiki/ISO_3166-1_alpha-3#Officially_assigned_code_elements)
city	The artist city (optional)
limit	Integer to set the number of displayed search results. Maximum value is 200.
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about artist from a certain location. See https://developer.jamendo.com/v3.0/artists/locations for more information.

Examples

```
##Example
 artists <- getArtistsLocation("GRC", limit=3)
```

---

getArtistTracks	*Get tracks from an artist*

Description

Search Jamendo database for an artist. You can search for either an artist ID or an artist name.

Usage

```
getArtistTracks(
  artist_id = NULL,
  artist_name = NULL,
  limit = 10,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

artist_id	Artist ID to seach for
artist_name	Artist name to seach for
limit	Integer to set the number of displayed search results. Maximum value is 200.
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about tracks from an artist. See https://developer.jamendo.com/v3.0/artists/tracks for more information.

Examples

```
##Example
 tracksFromID <- getArtistTracks(artist_id="1510",limit=3)
 tracksFromName <- getArtistTracks(artist_name="Judas Priestley",limit=3)
```

---

getAutocompleteSearch *Search Jamendo database for a string*

Description

Search Jamendo database for a string

Usage

```
getAutocompleteSearch(
  prefix,
  limit = 10,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

prefix	String to seach for
limit	Integer to set the number of displayed search results. Maximum value is 200.
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains found tracks, artists, albums and tags for a given string. See
https://developer.jamendo.com/v3.0/autocomplete for more information.

Examples

```
##Example
 result <- getAutocompleteSearch("Chill", limit=3)
```

| getFeed | *This method returns the editorial feeds that you can find also on the Jamendo homepage.* |

Description

This method returns the editorial feeds that you can find also on the Jamendo homepage.

Usage

```
getFeed(limit = 10, client_id = Sys.getenv("JAMENDO_CLIENT_ID"))
```

Arguments

limit	Integer to set the number of displayed search results. Maximum value is 200.
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about feeds from the Jamendo homepage. See https://developer.jamendo.com/v3.0/feeds for more information.

Examples

```
##Example
 feed <- getFeed(limit=3)
```

| getMyPlaylists | *Get your own playlists* |

Description

Get your own playlists

Usage

```
getMyPlaylists(token, client_id = Sys.getenv("JAMENDO_CLIENT_ID"))
```

Arguments

token	OAuth access token (the previously created OAuth token)
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about your playlists. See https://developer.jamendo.com/v3.0/playlists for more information.

Examples

```
##Example
 app_name=""
 if(app_name != "") {
  token <- jamendoOAuth(app_name=app_name)
  playlists <- getMyPlaylists(token)
 }
```

---

getMyUserProfile *Get information about your user profile*

Description

Get information about your user profile

Usage

```
getMyUserProfile(token, client_id = Sys.getenv("JAMENDO_CLIENT_ID"))
```

Arguments

token	Your OAuth access token
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about your user profile. See https://developer.jamendo.com/v3.0/users for more information.

Examples

```
##Example
 app_name = ""
 if(app_name != "") {
  token <- jamendoOAuth(app_name=app_name)
  user <- getUserProfile(token)
 }
```

---

getPlaylist   *Search Jamendo database for a playlist*

Description

Search Jamendo database for a playlist. You can search for either a playlist ID or a playlist name.

Usage

```
getPlaylist(
  playlist_id = NULL,
  playlist_name = NULL,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

playlist_id	Playlist ID to seach for
playlist_name	Playlist name to seach for
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about a playlist. See https://developer.jamendo.com/v3.0/playlists for more information.

Examples

```
##Example
 playlistID <- getPlaylist(playlist_id="100268")
 playlistName <- getPlaylist(playlist_name="Chillin")
```

---

getPlaylistsNamesearch
                            Search Jamendo database for playlists with certain name

---

Description

Search Jamendo database for playlists with certain name

Usage

```
getPlaylistsNamesearch(
  namesearch,
  limit = 10,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

`namesearch`	String to search for
`limit`	Integer to set the number of displayed search results. Maximum value is 200.
`client_id`	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about playlists with certain name. See https://developer.jamendo.com/v3.0/playlists for more information.

Examples

```
##Example
 playlists <- getPlaylistsNamesearch("chill", limit = 3)
```

---

getPlaylistTracks   *Get all tracks from a playlist*

Description

Get all tracks from a playlist. You can search for either a playlist ID or a playlist name.

Usage

```
getPlaylistTracks(
  playlist_id = NULL,
  playlist_name = NULL,
  limit = 10,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

`playlist_id`	Playlist ID to seach for
`playlist_name`	Playlist name to seach for
`limit`	Integer to set the number of displayed search results. Maximum value is 200.
`client_id`	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about all tracks from a playlist. See https://developer.jamendo.com/v3.0/playlists/tracks for more information.

Examples

```
##Example
 tracksFromID <- getPlaylistTracks(playlist_id="100268")
 tracksFromName <- getPlaylistTracks(playlist_name="Chillin")
```

---

getRadio   *This method returns information about a jamendo radio*

Description

This method returns information about a jamendo radio. You can search for either a radio ID or a radio name.

Usage

```
getRadio(
  radio_id = NULL,
  radio_name = NULL,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

radio_id	Radio ID to seach for
radio_name	Radio name to seach for
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about a radio. See https://developer.jamendo.com/v3.0/radios for more information.

Examples

```
##Example
 radioID <- getRadio(radio_id="1")
 radioName <- getRadio(radio_name="bestof")
```

---

getRadios *This method returns the list of existing jamendo radios*

Description

This method returns the list of existing jamendo radios

Usage

```
getRadios(limit = 10, client_id = Sys.getenv("JAMENDO_CLIENT_ID"))
```

Arguments

limit   Integer to set the number of displayed search results. Maximum value is 200.

client_id   Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about a radio. See https://developer.jamendo.com/v3.0/radios for more information.

Examples

```
##Example
 radios <- getRadios(limit=3)
```

---

getReviewsAlbums *This method lets you filter and browse album reviews*

Description

This method lets you filter and browse album reviews

Usage

```
getReviewsAlbums(
  album_ids,
  limit = 10,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

album_ids	List of album IDs to seach for
limit	Integer to set the number of displayed search results. Maximum value is 200.
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains reviews of the searched albums. See https://developer.jamendo.com/v3.0/reviews/albums for more information.

Examples

```
##Example
 IDs <- c(104336,124067)
 reviews <- getReviewsAlbums(IDs,limit=3)
```

---

getReviewsAlbumsUser	*This method lets you filter and browse album reviews from a specific user*

Description

This method lets you filter and browse album reviews from a specific user

Usage

```
getReviewsAlbumsUser(
  user_id,
  limit = 10,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

user_id	User ID to seach for
limit	Integer to set the number of displayed search results. Maximum value is 200.
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains reviews of the searched albums from a specific user. See https://developer.jamendo.com/v3.0/reviews/albums for more information.

Examples

```
##Example
 reviews <- getReviewsAlbumsUser(972174,limit=3)
```

---

getReviewsArtistAlbums

This method lets you filter and browse album reviews for a specific artist

---

Description

This method lets you filter and browse album reviews for a specific artist

Usage

```
getReviewsArtistAlbums(
  artist_id,
  limit = 10,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

artist_id	Artist ID to seach for
limit	Integer to set the number of displayed search results. Maximum value is 200.
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains reviews of the searched albums for a specific artist. See <https://developer.jamendo.com/v3.0/reviews/albums> for more information.

Examples

```
##Example
 reviews <- getReviewsArtistAlbums(1510,limit=3)
```

---

getReviewsTracks   *This method lets you filter and browse track reviews*

Description

This method lets you filter and browse track reviews

Usage

```
getReviewsTracks(
  track_ids,
  limit = 10,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

track_ids	List of album IDs to seach for
limit	Integer to set the number of displayed search results. Maximum value is 200.
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains track reviews of the searched albums. See https://developer.jamendo.com/v3.0/reviews/tracks for more information.

Examples

```
##Example
 IDs <- c(114069,113885)
 reviews <- getReviewsTracks(IDs,limit=3)
```

---

getTrack   *Search Jamendo database for a track*

Description

Search Jamendo database for a track. You can search for either a track ID or a track name.

Usage

```
getTrack(
  track_id = NULL,
  track_name = NULL,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

`track_id`	Track ID to seach for
`track_name`	Track name to seach for
`client_id`	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about a track. See https://developer.jamendo.com/v3.0/tracks for more information.

Examples

```
##Examples
 trackID <- getTrack(track_id="114069")
 trackName <- getTrack(track_name="Deuteranopia 0")
```

---

getTracks *Search Jamendo database for several tracks*

Description

Search Jamendo database for several tracks

Usage

```
getTracks(track_ids, client_id = Sys.getenv("JAMENDO_CLIENT_ID"))
```

Arguments

`track_ids`	List of track IDs to seach for
`client_id`	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about several tracks. See https://developer.jamendo.com/v3.0/tracks for more information.

Examples

```
##Examples
 IDs <- c(114069,113885)
 tracks <- getTracks(IDs)
```

---

getTracksNamesearch   *Search Jamendo database for a track*

Description

Search Jamendo database for a track by name with namesearch.

Usage

```
getTracksNamesearch(
  namesearch,
  limit = 10,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

namesearch	Search a track by name
limit	Integer to set the number of displayed search results. Maximum value is 200.
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about a track. See https://developer.jamendo.com/v3.0/tracks for more information.

Examples

```
##Examples
 tracks <- getTracksNamesearch("ambient",limit=3)
```

---

getTracksSimilar   *Search Jamendo database for a track*

Description

Given the id of a Jamendo track, this function lets you find other similar Jamendo tracks.

Usage

```
getTracksSimilar(
  track_id,
  limit = 10,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

`track_id`	Track ID to seach for
`limit`	Integer to set the number of displayed search results. Maximum value is 200.
`client_id`	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about a track. See https://developer.jamendo.com/v3.0/tracks for more information.

Examples

```
##Examples
 tracks <- getTracksSimilar("114069",limit=3)
```

---

getTracksTags	*Search Jamendo database for a track*

Description

Search by one or more tags (genre, instrument, theme and nc tags).

Usage

```
getTracksTags(tags, limit = 10, client_id = Sys.getenv("JAMENDO_CLIENT_ID"))
```

Arguments

`tags`	Tags to seach for (genre, instrument, theme and nc tags)
`limit`	Integer to set the number of displayed search results. Maximum value is 200.
`client_id`	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about a track. See https://developer.jamendo.com/v3.0/tracks for more information.

Examples

```
##Examples
 tags <- c("chill","ambient")
 tracks <- getTracksTags(tags,limit=3)
```

---

getUserProfile *Search Jamendo database for a user*

Description

Search Jamendo database for a user. You can search for either a user ID or a user name.

Usage

```
getUserProfile(
  user_id = NULL,
  user_name = NULL,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

user_id	User ID to seach for
user_name	User name to seach for
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains information about a user. See https://developer.jamendo.com/v3.0/users for more information.

Examples

```
## Example
 userName <- getUserProfile(user_name = "claudod")
 userID <- getUserProfile(user_id = "972174")
```

---

getUserProfileAlbums *Get albums a user added to myalbums*

Description

Get albums added to myalbums. You can search for either a user ID or a user name.

Usage

```
getUserProfileAlbums(
  user_id = NULL,
  user_name = NULL,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

user_id	User ID to seach for
user_name	User name to seach for
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains albums a user added to myalbums. See `https://developer.jamendo.com/v3.0/users/albums` for more information.

Examples

```
## Example
 albumsFromName <- getUserProfileAlbums(user_name = "claudod")
 albumsFromID <- getUserProfileAlbums(user_id = "972174")
```

---

getUserProfileArtists   *Get artists a user is a fan of*

Description

Get artists a user is a fan of. You can search for either a user ID or a user name.

Usage

```
getUserProfileArtists(
  user_id = NULL,
  user_name = NULL,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```

Arguments

user_id	User ID to seach for
user_name	User name to seach for
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains artists a user is a fan of. See `https://developer.jamendo.com/v3.0/users/artists` for more information.

Examples

```
## Example
 artistsFromName <- getUserProfileArtists(user_name = "claudod")
 artistsFromID <- getUserProfileArtists(user_id = "972174")
```

---

getUserProfileTracks   *Get tracks a user has liked, added to favorite or reviewed*

Description

Get tracks a user has liked, added to favorite or reviewed

Usage

```
getUserProfileTracks(user_id, client_id = Sys.getenv("JAMENDO_CLIENT_ID"))
```

Arguments

user_id   User ID to seach for

client_id   Defaults to System Environment variable "JAMENDO_CLIENT_ID"

Value

Returns a data frame which contains tracks a user has liked, added to favorite or reviewed. See https://developer.jamendo.com/v3.0/users/tracks for more information.

Examples

```
## Example
 tracks <- getUserProfileTracks("972174")
```

---

jamendoOAuth   *Create OAuth token to access jamendo web API*

Description

jamendoOAuth creates a long-lived OAuth access token that enables R to make authenticated calls to the Jamendo API. The token can be saved as a file in disk to be re-used in future sessions. This function relies on the httr package to create the OAuth token

Usage

```
jamendoOAuth(
  app_name,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID"),
  client_secret = Sys.getenv("JAMENDO_CLIENT_SECRET")
)
```

Arguments

`app_name`	App name (this is an internal identification for token if you wish to save authorization)
`client_id`	Defaults to System Environment variable "JAMENDO_CLIENT_ID"
`client_secret`	Defaults to System Environment variable "JAMENDO_CLIENT_SECRET"

Value

Returns an OAuth access token as environment

Examples

```
## Example
 app_name = ""
 if(app_name != "") {
  my_oauth <- jamendoOAuth(app_name=app_name)
  filedir <- tempdir()
  save(my_oauth, file=file.path(filedir, "my_oauth"))
 }
```

---

jamendoR	jamendoR *package*

Description

A Quick and Easy Wrapper for Pulling Track Audio Features from Jamendo's Web API

---

parseResponse | *Parse response from POST request for setUser functions*

Description

`parse` parses response from POST request for setUser functions.

Usage

```
parseResponse(res)
```

Arguments

res   String from POST request

Value

Returns string with response message

---

resfreshToken | *Refresh expired OAuth token to access jamendo web API*

Description

`refreshToken` refreshes an OAuth access token that enables R to make authenticated calls to the Jamendo API. The refreshed token can be saved as a file in disk to be re-used in future sessions. This function relies on the `httr` package to refresh the OAuth token

Usage

```
resfreshToken(
  token,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID"),
  client_secret = Sys.getenv("JAMENDO_CLIENT_SECRET")
)
```

Arguments

token   OAuth access token (the previously created OAuth token)

client_id   Defaults to System Environment variable "JAMENDO_CLIENT_ID"

client_secret   Defaults to System Environment variable "JAMENDO_CLIENT_SECRET"

Value

Returns an OAuth access token as environment

Examples

```
## Example
 app_name = ""
 if(app_name != "") {
  my_oauth <- jamendoOAuth(app_name=app_name)
  filedir <- tempdir()
  save(my_oauth, file=file.path(filedir, "my_oauth"))
  my_oauth <- resfreshToken(my_oauth)
  filedir <- tempdir()
  save(my_oauth, file=file.path(filedir, "my_oauth"))
 }
```

---

setUserDislike *Dislike the track given by Track ID*

Description

Dislike the track given by Track ID

Usage

```
setUserDislike(token, track_id, client_id = Sys.getenv("JAMENDO_CLIENT_ID"))
```

Arguments

token	Your OAuth access token
track_id	Track ID of rtrack you want to dislike
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID" See https://developer.jamendo.com/v3.0/setuser/dislike for more information.

Examples

```
## Example
 app_name = ""
 if(app_name != "") {
  token <- jamendoOAuth(app_name=app_name)
  setUserDislike(token, "114069")
 }
```

---

setUserFan   *Become a fan of an artist*

Description

Become a fan of an artist

Usage

```
setUserFan(token, artist_id, client_id = Sys.getenv("JAMENDO_CLIENT_ID"))
```

Arguments

token	Your OAuth access token
artist_id	Artist ID of artist you want to become a fan of
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID" See https://developer.jamendo.com/v3.0/setuser/fan for more information.

Examples

```
## Example
 app_name = ""
 if(app_name != "") {
  token <- jamendoOAuth(app_name=app_name)
  setUserFan(token, "1510")
 }
```

---

setUserFavorite   *Add a given track to your preferites*

Description

Add a given track to your preferites

Usage

```
setUserFavorite(token, track_id, client_id = Sys.getenv("JAMENDO_CLIENT_ID"))
```

Arguments

token	Your OAuth access token
track_id	Track ID of track you want to favourite
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID" See https://developer.jamendo.com/v3.0/setuser/favorite for more information.

Examples

```
## Example
 app_name = ""
 if(app_name != "") {
  token <- jamendoOAuth(app_name=app_name)
  setUserFavorite(token, "114069")
 }
```

---

setUserLike   *Like the track given by Track ID*

Description

Like the track given by Track ID

Usage

```
setUserLike(token, track_id, client_id = Sys.getenv("JAMENDO_CLIENT_ID"))
```

Arguments

token	Your OAuth access token
track_id	Track ID of track you want to like
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID" See https://developer.jamendo.com/v3.0/setuser/like for more information.

Examples

```
## Example
 app_name = ""
 if(app_name != "") {
  token <- jamendoOAuth(app_name=app_name)
  setUserLike(token, "114069")
 }
```

---

setUserMyalbum   *Add album to your list of favorite albums myalbums*

Description

Add album to your list of favorite albums myalbums

Usage

```
setUserMyalbum(token, album_id, client_id = Sys.getenv("JAMENDO_CLIENT_ID"))
```

Arguments

token	Your OAuth access token
album_id	Album ID of album you want to add to list myalbums
client_id	Defaults to System Environment variable "JAMENDO_CLIENT_ID" See https://developer.jamendo.com/v3.0/setuser/myalbum for more information.

Examples

```
## Example
 app_name = ""
 if(app_name != "") {
  token <- jamendoOAuth(app_name=app_name)
  setUserMyalbum(token, "14866")
 }
```

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