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.

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Suggests testthat (>= 3.0.0), knitr
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R topics documented:

  controlInputVariables ........................................ 3
  controlLimit ..................................................... 3
  getAlbum .......................................................... 4
  getAlbumMusicinfo .............................................. 4
getAlbums .......................................................... 5
getAlbumTracks .................................................. 6
getArtist .......................................................... 6
getArtistAlbums .................................................. 7
getArtistMusicinfo .............................................. 8
getArtists ......................................................... 9
getArtistsLocation ............................................. 9
getArtistTracks .................................................. 10
getAutocompleteSearch ....................................... 11
getFeed .......................................................... 12
getMyPlaylists .................................................. 12
getMyUserProfile ............................................... 13
getPlaylist ....................................................... 14
getPlaylistsNameSearch ....................................... 14
getPlaylistTracks ............................................... 15
getRadio ........................................................ 16
getRadios ........................................................ 17
getReviewsAlbums .............................................. 17
getReviewsAlbumsUser ......................................... 18
getReviewsArtistAlbums ....................................... 19
getReviewsTracks .............................................. 20
getTrack ........................................................ 20
getTracks ........................................................ 21
getTracksNameSearch ......................................... 22
getTracksSimilar ............................................... 22
getTracksTags ................................................... 23
ggetUserProfile ............................................... 24
ggetUserProfileAlbums ....................................... 24
ggetUserProfileArtists ....................................... 25
ggetUserProfileTracks ....................................... 26
jamendoOAuth ................................................... 26
jamendoR ........................................................ 27
parseResponse ................................................... 28
refreshToken ..................................................... 28
setUserDislike .................................................. 29
setUserFan ....................................................... 30
setUserFavorite ............................................... 30
setUserLike ...................................................... 31
setUserMyalbum ............................................... 32
controlInputVariables  

**Description**

controlInputVariables checks if given variables 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  

**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
getAlbumMusicInfo

---

**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**

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

**Arguments**

- **album_id**: Album ID to search for  
- **album_name**: Album name to search 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](https://developer.jamendo.com/v3.0/albums) for more information.

**Examples**

```r
##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**

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

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>album_id</td>
<td>Album ID to search for</td>
</tr>
<tr>
<td>album_name</td>
<td>Album name to search for</td>
</tr>
<tr>
<td>client_id</td>
<td>Defaults to System Environment variable &quot;JAMENDO_CLIENT_ID&quot;</td>
</tr>
</tbody>
</table>

Value

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

Examples

```r
#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

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

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>album_ids</td>
<td>List of album IDs to search for</td>
</tr>
<tr>
<td>client_id</td>
<td>Defaults to System Environment variable &quot;JAMENDO_CLIENT_ID&quot;</td>
</tr>
</tbody>
</table>

Value

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

Examples

```r
#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

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

#### Arguments

- **album_id**: Album ID to search for
- **album_name**: Album name to search 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

```r
##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

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

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>artist_id</td>
<td>Artist ID to search for</td>
</tr>
<tr>
<td>artist_name</td>
<td>Artist name to search for</td>
</tr>
<tr>
<td>client_id</td>
<td>Defaults to System Environment variable &quot;JAMENDO_CLIENT_ID&quot;</td>
</tr>
</tbody>
</table>

Value

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

Examples

```r
# 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

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

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>artist_id</td>
<td>Artist ID to search for</td>
</tr>
<tr>
<td>artist_name</td>
<td>Artist name to search for</td>
</tr>
<tr>
<td>limit</td>
<td>Integer to set the number of displayed search results. Maximum value is 200.</td>
</tr>
<tr>
<td>client_id</td>
<td>Defaults to System Environment variable &quot;JAMENDO_CLIENT_ID&quot;</td>
</tr>
</tbody>
</table>

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.
getArtistMusicinfo

## Example

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

---

getAddressMusicinfo  \hspace{1cm} \textit{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

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

### Arguments

- `artist_id`: Artist ID to search for
- `artist_name`: Artist name to search 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](https://developer.jamendo.com/v3.0/artists/musicinfo) for more information.

#### Examples

```r
# 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 search 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](https://developer.jamendo.com/v3.0/artists) for more information.

**Examples**

```r
#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")
)
```
getArtistTracks

**Arguments**

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>city</td>
<td>The artist city (optional)</td>
</tr>
<tr>
<td>limit</td>
<td>Integer to set the number of displayed search results. Maximum value is 200.</td>
</tr>
<tr>
<td>client_id</td>
<td>Defaults to System Environment variable &quot;JAMENDO_CLIENT_ID&quot;</td>
</tr>
</tbody>
</table>

**Value**

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

**Examples**

```r
# 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**

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

**Arguments**

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>artist_id</td>
<td>Artist ID to search for</td>
</tr>
<tr>
<td>artist_name</td>
<td>Artist name to search for</td>
</tr>
<tr>
<td>limit</td>
<td>Integer to set the number of displayed search results. Maximum value is 200.</td>
</tr>
<tr>
<td>client_id</td>
<td>Defaults to System Environment variable &quot;JAMENDO_CLIENT_ID&quot;</td>
</tr>
</tbody>
</table>

**Value**

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

Examples

```r
##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

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

Arguments

- `prefix` 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 found tracks, artists, albums and tags for a given string. See https://developer.jamendo.com/v3.0/autocomplete for more information.

Examples

```r
##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

```r
##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"
getMyUserProfile

Value

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

Examples

```r
##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

```r
##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**

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

**Arguments**

- `playlist_id`: Playlist ID to search for
- `playlist_name`: Playlist name to search 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](https://developer.jamendo.com/v3.0/playlists) for more information.

**Examples**

```r
# 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
getPlaylistTracks

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 search for
playlist_name Playlist name 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"
getRadio

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

```r
##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

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

Arguments

- `radio_id` Radio ID to search for
- `radio_name` Radio name to search 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

```r
##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(\(\text{limit} = 10\), \(\text{client\_id} = \text{Sys.getenv("JAMENDO\_CLIENT\_ID")}\))

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

```r
##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(
  \(\text{album\_ids}\),
  \(\text{limit} = 10\),
  \(\text{client\_id} = \text{Sys.getenv("JAMENDO\_CLIENT\_ID")}\)
)
getReviewsAlbumsUser

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>album_ids</td>
<td>List of album IDs to search for</td>
</tr>
<tr>
<td>limit</td>
<td>Integer to set the number of displayed search results. Maximum value is 200.</td>
</tr>
<tr>
<td>client_id</td>
<td>Defaults to System Environment variable &quot;JAMENDO_CLIENT_ID&quot;</td>
</tr>
</tbody>
</table>

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

```r
defineExample()
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

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

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>user_id</td>
<td>User ID to search for</td>
</tr>
<tr>
<td>limit</td>
<td>Integer to set the number of displayed search results. Maximum value is 200.</td>
</tr>
<tr>
<td>client_id</td>
<td>Defaults to System Environment variable &quot;JAMENDO_CLIENT_ID&quot;</td>
</tr>
</tbody>
</table>

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.
**getReviewsArtistAlbums**

### Examples

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

---

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

**Usage**

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

**Arguments**

- **artist_id**:Artist ID 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 reviews of the searched albums for a specific artist. See https://developer.jamendo.com/v3.0/reviews/albums for more information.

**Examples**

```r
# 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 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 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")
)

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

Arguments

- **track_id**: Track ID to search for
- **track_name**: Track name to search 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](https://developer.jamendo.com/v3.0/tracks) for more information.

Examples

```r
# 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

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

Arguments

- **track_ids**: List of track IDs to search 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](https://developer.jamendo.com/v3.0/tracks) for more information.

Examples

```r
# 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")
)


getTrackTags

**Arguments**

- **track_id**: Track ID 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 a track. See [https://developer.jamendo.com/v3.0/tracks](https://developer.jamendo.com/v3.0/tracks) for more information.

**Examples**

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

---

getTrackTags

**Search Jamendo database for a track**

**Description**

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

**Usage**

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

**Arguments**

- **tags**: Tags to search 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](https://developer.jamendo.com/v3.0/tracks) for more information.

**Examples**

```r
## Examples
tags <- c("chill","ambient")
tracks <- getTrackTags(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 search 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")
)
getUserProfileArtists

Arguments

  user_id          User ID to search for
  user_name        User name to search 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

```r
## 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

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

Arguments

  user_id          User ID to search for
  user_name        User name to search 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

```r
## 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

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

### Arguments

- **user_id**: User ID to search 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](https://developer.jamendo.com/v3.0/users/tracks) for more information.

### Examples

```r
## 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.
jamendoR

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 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**

```r
parseResponse(res)
```

**Arguments**

- `res` String from POST request

**Value**

Returns string with response message

---

### refreshToken

**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**

```r
refreshToken(
    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
setUserDislike

Examples

```r
## 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 <- refreshToken(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

```r
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

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

Add a given track to your preferences

**Description**

Add a given track to your preferences

**Usage**

```r
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](https://developer.jamendo.com/v3.0/setuser/favorite) for more information.

**Examples**

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

---

**setUserFan**

Become a fan of an artist

**Description**

Become a fan of an artist

**Usage**

```r
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](https://developer.jamendo.com/v3.0/setuser/fan) for more information.

**Examples**

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

Examples

```r
## 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

```r
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](https://developer.jamendo.com/v3.0/setuser/like) for more information.

Examples

```r
## 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

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

controlInputVariables, 3
controlLimit, 3

getAlbum, 4
getAlbumMusicinfo, 4
getAlbums, 5
getAlbumTracks, 6
getArtist, 6
getArtistAlbums, 7
getArtistMusicinfo, 8
getArtists, 9
getArtistsLocation, 9
getArtistTracks, 10
getAutocompleteSearch, 11
getFeed, 12
getMyPlaylists, 12
getMyUserProfile, 13
getPlaylist, 14
getPlaylistsNamesearch, 14
getPlaylistTracks, 15
getRadio, 16
getRadios, 17
getReviewsAlbums, 17
getReviewsAlbumsUser, 18
getReviewsArtistAlbums, 19
getReviewsTracks, 20
getTrack, 20
getTracks, 21
getTracksNamesearch, 22
getTracksSimilar, 22
getTracksTags, 23
getUserProfile, 24
getUserProfileAlbums, 24
getUserProfileArtists, 25
getUserProfileTracks, 26

jamendoOAuth, 26
jamendoR, 27

parseResponse, 28

refreshToken, 28
setUserDislike, 29
setUserFan, 30
setUserFavorite, 30
setUserLike, 31
setUserMyalbum, 32