Package ‘JamendoR’

October 12, 2022

**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

**License** MIT + file LICENSE

**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

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**Repository** CRAN

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**controlInputVariables**  
*Check if given variables are null*

**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**

```plaintext
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**

```plaintext
controlLimit(limit)
```

**Arguments**

- `limit`  
  Integer to check

**Value**

- Returns integer limit
getAlbum Musicinfo

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")
)

getAlbums

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 tag list of an album. See 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

album_ids  List of album 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/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
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
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>
</tbody>
</table>
| 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

```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>
</tbody>
</table>
| 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.
getArtistMusicinfo

Examples

```r
# 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**

```r
getArtistMusicinfo(
  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 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")
)
getArtistTracks

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 search for
artist_name  Artist 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"

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.
getAutocompleteSearch

Examples

## Example

```r
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

## Example

```r
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

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<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 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

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>token</td>
<td>OAuth access token (the previously created OAuth token)</td>
</tr>
<tr>
<td>client_id</td>
<td>Defaults to System Environment variable &quot;JAMENDO_CLIENT_ID&quot;</td>
</tr>
</tbody>
</table>
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)
}
```
getPlaylistsNamesearch

Search Jamendo database for playlists with certain name

Description
Search Jamendo database for playlists with certain name.

Usage
getPlaylistsNamesearch()

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 for more information.

Examples

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

getPlaylistsNamesearch

Search Jamendo database for playlists with certain name

Description
Search Jamendo database for playlists with certain name

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 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 for more information.

Examples

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

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

Description

This method returns the list of existing jamendo radios

Usage

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

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<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 a radio. See https://developer.jamendo.com/v3.0/radios for more information.

Examples

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

getReviewsAlbums

Description

This method lets you filter and browse album reviews

Usage

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

getReviewsAlbumsUser

Arguments

- **album_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 reviews of the searched albums. See https://developer.jamendo.com/v3.0/reviews/albums for more information.

Examples

```r
## 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

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

Arguments

- **user_id**: User 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 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)
```

---

**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**

```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](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**
```r
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](https://developer.jamendo.com/v3.0/reviews/tracks) for more information.

**Examples**
```r
# 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**
```r
getTrack(
  track_id = NULL,
  track_name = NULL,
  client_id = Sys.getenv("JAMENDO_CLIENT_ID")
)
```
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
# Example
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 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**

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

**Examples**

```r
# 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**

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

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>track_id</td>
<td>Track 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 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 <- getTracksTags(tags,limit=3)
```

getTracksTags

Search Jamendo database for a track

Description

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

Usage

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

Arguments

<table>
<thead>
<tr>
<th>Argument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>tags</td>
<td>Tags to search for (genre, instrument, theme and nc tags)</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 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 <- 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**

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

**Examples**

```r
## 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**

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

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>user_name</td>
<td>User 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 artists a user is a fan of. See https://developer.jamendo.com/v3.0/users/artists for more information.

Examples

```r
## Example
albumsFromName <- getUserProfileArtists(user_name = "claudod")
albumsFromID <- getUserProfileArtists(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

<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>user_name</td>
<td>User 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 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**

<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>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 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.
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

```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"))
}
```

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

---

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**

`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

*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 the track you want to dislike
- **client_id**
  - Defaults to System Environment variable "JAMENDO_CLIENT_ID". See [https://developer.jamendo.com/v3.0/setuser/dislike](https://developer.jamendo.com/v3.0/setuser/dislike) for more information.

### 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"))
}
```

```r
setUserDislike(token, "114069")
```
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

**Examples**

```r
## 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**

```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
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**

```
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**

```
## 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

**Examples**

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