Package ‘JamendoR’

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Type Package
Title Access to ‘Jamendo’ API
Version 0.1.0
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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Imports httr, dplyr, jsonlite, stats
Suggests knitr
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LazyData TRUE
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BugReports http://github.com/MaxGreil/JamendoR/issues
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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**

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**

```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 for more information.

Examples

```r
# Example
tagFromID <- getAlbumMusicinfo(album_id = "14866")
tagFromName <- 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 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](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

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 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

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 albums from an artist. See https://developer.jamendo.com/v3.0/artists/albums for more information.

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",limit=3)
tagsFromName <- getArtistMusicInfo(artist_name="Judas Priestley",limit=3)
```

---

getArtists  

*Search Jamendo database for several artists*

**Description**

Search Jamendo database for several artists

**Usage**

```r
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"
**getArtistsLocation**

Value

Returns a data frame which contains information about several albums. See 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

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

Arguments

- **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

```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**

- **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.

**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"))
```
**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**

```r
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)
```
getMyUserProfile

Get your own playlists

**Description**
Get your own playlists

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

**Examples**
```r
# Example
token <- jamendoOAuth(app_name="xxxx")
playlists <- getMyPlaylists(token)
```

getMyUserProfile

Get information about your user profile

**Description**
Get information about your user profile

**Usage**
```r
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")
getPlaylist

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
token <- jamendoOAuth(app_name="xxxx")
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 for more information.

Examples

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

```r
# 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"))
getRadio

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"

Value

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

**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**

```r
getRadios(limit = 1L, 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](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**

```r
getReviewsAlbums(album_idsL, limit = 1L, client_id = Sys.getenv("JAMENDO_CLIENT_ID"))
```
getReviewsAlbumsUser

**Arguments**

<table>
<thead>
<tr>
<th>Name</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
# 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**

<table>
<thead>
<tr>
<th>Name</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.

**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

getReviewsArtistAlbums(artist_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>artist_id</td>
<td>Artist 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 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"))
**getTrack**

**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"))
```

**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**

```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"
getTracksSimilar

Value

Returns a data frame which contains information about a track. See 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"))
```

**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 for more information.

**Examples**

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

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

tag 
  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 for more information.

Examples

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

**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 information about a user. See https://developer.jamendo.com/v3.0/users for more information.

**Examples**

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

---

**get_userProfileAlbums**

*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"))
```

**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 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
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

## 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 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 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 on disk to be re-used in future sessions. This function relies on the httr package to create the OAuth token.

Usage

```r
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

```r
## Example
my_oauth <- jamendoOAuth(app_name="xxxx")
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  

**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.

**Examples**

```r
## Example
my_oauth <- refreshToken(my_oauth)
filedir <- tempdir()
save(my_oauth, file=path(filedir, "my_oauth"))
```

---

setUserDislike  

**Description**

Dislike the track given by Track ID.

**Usage**

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

Arguments

token       Your OAuth access token
track_id    Track ID of rtrack you want to dislike

Examples

```r
## Example
token <- jamendoOAuth(app_name="xxxx")
setUserDislike(token)
```

---

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
token <- jamendoOAuth(app_name="xxxx")
setUserFan(token)
```
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
token <- jamendoOAuth(app_name="xxxx")
setUserFavorite(token)
```

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.
setUserMyalbum

Examples

```r
## Example
token <- jamendoOAuth(app_name="xxx")
setUserLike(token)
```

<table>
<thead>
<tr>
<th>setUserMyalbum</th>
<th>Add album to your list of favorite albums myalbums</th>
</tr>
</thead>
</table>

Description

Add album to your list of favorite albums myalbums

Usage

```r
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
token <- jamendoOAuth(app_name="xxx")
setUserMyalbum(token)
```
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