Package ‘vagalumeR’

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Type Package
Title Access to the 'Vagalume' API
Version 0.1.6
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Description Provides access to the 'Vagalume' API <https://api.vagalume.com.br>. The data extracted is basically lyrics of songs and information about artists/bands.
Depends R (>= 3.2.4)
Suggests ggplot2, knitr, tm
URL https://github.com/r-music/vagalumeR
BugReports https://github.com/r-music/vagalumeR/issues
License GPL-2
Encoding UTF-8
LazyData true
RoxygenNote 6.1.1
Imports jsonlite, httr, stringr, dplyr, purrr, magrittr
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albums

An artist's music albums.

Description

Gives information about the albums of an artist/band.

Usage

albums(name, message = TRUE)

Arguments

name

The name of the artist/band.

message

Should the function print something if the required data is not found?

Details

The variables returned by the function are extracted with the Vagalume API.

Value

gente returns a data.frame with information about the albums, as the id, name and year of release.

Author(s)

Bruna Wundervald, <brunadaviesw@gmail.com>.

Examples

## Not run:
albums("the-beatles")
albums("chico-buarque")

## End(Not run)
**artistInfo**

---

**artistInfo**  
*Artist Information*

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### Description

Gives some information about a given artist/band.

### Usage

```r
artistInfo(name, message = TRUE)
```

### Arguments

- **name**: The name of the artist/band.
- **message**: Should the function print something if the required data is not found?

### Details

The variables returned by the function are extracted with the Vagalume API.

### Value

- `artistInfo` returns a data.frame with the information.

### Author(s)

Bruna Wundervald, <brunadaviesw@gmail.com>.

### Examples

```r
## Not run:
artistInfo("the-beatles")
artistInfo("chico-buarque")
## End(Not run)
```
genre

An artist’s musical genre(s)

Description

Gives information about the genre (or multiple genres) of an artist/band.

Usage

genre(name, message = TRUE)

Arguments

name The name of the artist/band.
message Should the function print something if the required data is not found?

Details

The variables returned by the function are extracted with the Vagalume API.

Value

genre returns a data.frame with information about the genre(s).

Author(s)

Bruna Wundervald, <brunadaviesw@gmail.com>.

Examples

## Not run:
genre("the-beatles")
genre("chico-buarque")

## End(Not run)
Description

Gives the lyrics text of a song and the translation text, when the language of the song is not Portuguese.

Usage

lyrics(identifier, type, artist, key, message = TRUE)

Arguments

- identifier: The identifier of the song.
- type: The type of identifier of the song ("name" or "id").
- artist: The name of the artist/band.
- key: The apikey.
- message: Should the function print something if the required data is not found?

Details

The variables returned by the function are extracted with the Vagalume API.

Value

lyrics returns a data.frame with information about the artist, the song and the texts.

Author(s)

Bruna Wundervald, <brunadaviesw@gmail.com>.

Examples

```r
## Not run:
identifier <- "A-Day-In-The-Life"
key <- "your token"
artist <- "the-beatles"
type <- "name"
lyrics(identifier, type, artist, key)

key <- "your token"
identifier <- "3ade68b4gdc96eda3"
type <- "id"
lyrics(identifier = identifier, type = type, key = key)

## End(Not run)
```
relatedInfo | Artist's Related

Description
Gives information about what artists/bands are related to a specific artist/band.

Usage
relatedInfo(name, message = TRUE)

Arguments
- **name**: The name of the artist/band.
- **message**: Should the function print something if the required data is not found?

Details
The variables returned by the function are extracted with the Vagalume API.

Value
relatedInfo returns a data.frame with information about the related artists.

Author(s)
Bruna Wunderval, <brunadaviesw@gmail.com>.

Examples
```r
## Not run:
relatedInfo("the-beatles")
relatedInfo("chico-buarque")
## End(Not run)
```
songNames  

Song names of an artist/band.

Description

Gives information about the song names of a specific artist/band.

Usage

songNames(name, message = TRUE)

Arguments

name  The name of the artist/band.
message  Should the function print something if the required data is not found?

Details

The variables returned by the function are extracted with the Vagalume API.

Value

relatedInfo returns a data.frame with information about song names.

Author(s)

Bruna Wundervald, <brunadaviesw@gmail.com>.

Examples

## Not run:
songNames("the-beatles")
songNames("chico-buarque")

## End(Not run)
Description

Gives information about the top lyrics (most viewed) about an specific artist/band.

Usage

topLyrics(name, message = TRUE)

Arguments

name The name of the artist/band.
message Should the function print something if the required data is not found?

Details

The variables returned by the function are extracted with the Vagalume API.

Value

topLyrics returns a data.frame with information about the top lyrics.

Author(s)

Bruna Wundervald, <brunadaviesw@gmail.com>.

Examples

```r
## Not run:
topLyrics("the-beatles")
topLyrics("chico-buarque")

## End(Not run)
```
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