

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

NeedsCompilation no

Repository CRAN

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| | |
|--------|----------------------------------|
| albums | <i>An artist's music albums.</i> |
|--------|----------------------------------|

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 | <i>Artist Information</i> |
|------------|---------------------------|

Description

Gives some information about a given artist/band.

Usage

```
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

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

| | |
|-------|-------------------------------------|
| genre | <i>An artist's musical genre(s)</i> |
|-------|-------------------------------------|

Description

Gives information about the genre (ou 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)
```

| | |
|--------|--------------------------|
| lyrics | <i>Lyrics of a song.</i> |
|--------|--------------------------|

Description

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

Usage

```
lyrics(identifrier, type, artist, key, message = TRUE)
```

Arguments

| | |
|------------|--|
| identifier | The identifier of the song. |
| type | The type of identifier os 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

```
## 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 Wundervald, <brunadaviesw@gmail.com>.

Examples

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

| | |
|-----------|--------------------------------------|
| songNames | <i>Song names of an artist/band.</i> |
|-----------|--------------------------------------|

Description

Gives information about the song names of an 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)
```

topLyrics

Top lyrics of an artist/band

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

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

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