## Package ‘vagalumeR’

February 3, 2019

<table>
<thead>
<tr>
<th>Type</th>
<th>Package</th>
</tr>
</thead>
<tbody>
<tr>
<td>Title</td>
<td>Access to the 'Vagalume' API</td>
</tr>
<tr>
<td>Version</td>
<td>0.1.6</td>
</tr>
<tr>
<td>Author</td>
<td>Bruna Wundervald</td>
</tr>
<tr>
<td>Maintainer</td>
<td>Bruna Wundervald <a href="mailto:brunadaviesw@gmail.com">brunadaviesw@gmail.com</a></td>
</tr>
<tr>
<td>Description</td>
<td>Provides access to the 'Vagalume' API <a href="https://api.vagalume.com.br">https://api.vagalume.com.br</a>. The data extracted is basically lyrics of songs and information about artists/bands.</td>
</tr>
<tr>
<td>Depends</td>
<td>R (&gt;= 3.2.4)</td>
</tr>
<tr>
<td>Suggests</td>
<td>ggplot2, knitr, tm</td>
</tr>
<tr>
<td>URL</td>
<td><a href="https://github.com/r-music/vagalumeR">https://github.com/r-music/vagalumeR</a></td>
</tr>
<tr>
<td>BugReports</td>
<td><a href="https://github.com/r-music/vagalumeR/issues">https://github.com/r-music/vagalumeR/issues</a></td>
</tr>
<tr>
<td>License</td>
<td>GPL-2</td>
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<td>Encoding</td>
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<td>LazyData</td>
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<td>RoxygenNote</td>
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<tr>
<td>Imports</td>
<td>jsonlite, httr, stringr, dplyr, purrr, magrittr</td>
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<tr>
<td>NeedsCompilation</td>
<td>no</td>
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<tr>
<td>Repository</td>
<td>CRAN</td>
</tr>
<tr>
<td>Date/Publication</td>
<td>2019-02-03 19:30:03 UTC</td>
</tr>
</tbody>
</table>

### R topics documented:

<table>
<thead>
<tr>
<th>Topic</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>albums</td>
<td>2</td>
</tr>
<tr>
<td>artistInfo</td>
<td>3</td>
</tr>
<tr>
<td>genre</td>
<td>4</td>
</tr>
<tr>
<td>lyrics</td>
<td>5</td>
</tr>
<tr>
<td>relatedInfo</td>
<td>6</td>
</tr>
<tr>
<td>songNames</td>
<td>7</td>
</tr>
<tr>
<td>topLyrics</td>
<td>8</td>
</tr>
</tbody>
</table>
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

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

Artist Information

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

```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 Wunderval, <brunadaview@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 its not Portuguese.

Usage

lyrics(identifier, 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

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

Examples

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

Top lyrics of an artist/band

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

Usage
```r
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)
```
Index

albums, 2
artistInfo, 3

genre, 4

lyrics, 5
relatedInfo, 6
songNames, 7
topLyrics, 8