

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>
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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>
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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>
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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>
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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

```
## 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	<i>Artist's Related</i>
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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>
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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

<code>name</code>	The name of the artist/band.
<code>message</code>	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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