

# Package ‘vagalumeR’

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**Type** Package

**Title** Access to the 'Vagalume' API

**Version** 0.1.3

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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 (>= 3.2.3)

**Suggests** lattice, latticeExtra, knitr, network, 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** 6.0.1

**Imports** jsonlite, httr, stringr, plyr

**NeedsCompilation** no

**Repository** CRAN

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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)
```

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discography	<i>Discography of an artist/band.</i>
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**Description**

Gives the list of albums of an specific artist/band.

**Usage**

```
discography(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**

discography returns a data.frame with information about the artist and the discography.

**Author(s)**

Bruna Wundervald, <brunadaviesw@gmail.com>.

**Examples**

```
## Not run:  
discography("the-beatles")  
  
## End(Not run)
```

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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)
```

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relatedInfo

*Artist's Related*

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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)
```

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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)
```

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topLyrics

*Top lyrics of an artist/band*

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**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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