Package ‘rhymer’

October 14, 2022

Type Package

URL https://landesbergn.github.io/rhymer/index.html,
https://github.com/landesbergn/rhymer

BugReports https://github.com/landesbergn/rhymer/issues

Title Wrapper for the 'Datamuse' API to Find Rhyming and Associated Words

Version 1.1.0

Description Wrapper for 'Datamuse' API to find rhyming and other associated words. This includes words of similar meaning, spelling, or other related words. Learn more about the 'Datamuse' API here <https://www.datamuse.com/api/>.

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Encoding UTF-8

LazyData true

Depends R (>= 3.1.0)

Imports jsonlite, httr

RoxygenNote 7.1.1

Suggests knitr, rmarkdown, testthat

VignetteBuilder knitr

NeedsCompilation no

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Repository CRAN

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datamuse_api  

*Call Datamuse API and return data.*

**Description**

Call Datamuse API and return data.

**Usage**

```
  datamuse_api(path, limit = 10)
```

**Arguments**

- **path**  
  path to append to Datamuse API endpoint.
- **limit**  
  number of results to limit the API response to.

**Value**

data returned from API call.

**Examples**

```
  datamuse_api("/words?rel_rhy=test")

  datamuse_api("/words?ml=test")
```

---

get_content  

*Extract content from Datamuse API call.*

**Description**

Extract content from Datamuse API call.

**Usage**

```
  get_content(full_path, return_type = "df", limit = 10)
```
get_means_like

Arguments

full_path  API path to append to Datamuse API endpoint.
return_type  type to return. Options are:
  • 'df' for data.frame.
  • 'word' for a single word.
  • 'random_word' or 'random word' or 'rand' for a random word.
  • 'vector' for a vector of words.
limit  max number of rows to return from the content dataframe.

Value

content returned from API call.

Examples

get_content("/words?rel_rhy=test", limit = 5)
get_content("/words?ml=test", limit = 20)

get_means_like

Get dataframe for words with similar meaning.

Description

Get dataframe for words with similar meaning.

Usage

get_means_like(word = "test", return_type = "df", limit = 10)

Arguments

word  to get similar meaning with.
return_type  type to return. Options are:
  • 'df' for data.frame.
  • 'word' for a single word.
  • 'random_word' or 'random word' or 'rand' for a random word.
  • 'vector' for a vector of words.
limit  max number of words to return.

Value

data with words of similar meaning.
get_other_related

Get data for words that are related according to a supplied code.

Description

Get data for words that are related according to a supplied code.

Usage

get_other_related(word = "test", code = "jja", return_type = "df", limit = 10)

Arguments

- **word**: to get similarly spelled words with.
- **code**: related word code from http://www.datamuse.com/api/.
- **return_type**: type to return. Options are:
  - 'df' for data.frame.
  - 'word' for a single word.
  - 'random_word' or 'random word' or 'rand' for a random word.
  - 'vector' for a vector of words.
- **limit**: max number of words to return.

Value

Data with words that are related.

Examples

get_other_related("test", code = "jja", limit = 3)
get_other_related("test", code = "cns", limit = 10)
**get_rhyme**

Get data for rhyming words.

**Description**

Get data for rhyming words.

**Usage**

```r
get_rhyme(word, return_type = "df", limit = 10, num_syl = NULL)
```

**Arguments**

- `word` to rhyme with.
- `return_type` type to return. Options are:
  - 'df' for data.frame.
  - 'word' for a single word.
  - 'random_word' or 'random word' or 'rand' for a random word.
  - 'vector' for a vector of words.
- `limit` max number of words to return.
- `num_syl` number of syllables in rhymes to return.

**Value**

data with rhyming words.

**Examples**

```r
get_rhyme("test")
get_rhyme("test", limit = 10)
```

---

**get_sounds_like**

Get data for words that sound similar.

**Description**

Get data for words that sound similar.

**Usage**

```r
get_sounds_like(word = "test", return_type = "df", limit = 10, num_syl = NULL)
```
get_spelled_like

Arguments

word       to get similar sounding words with.
return_type type to return. Options are:
             • 'df' for data.frame.
             • 'word' for a single word.
             • 'random_word' or 'random word' or 'rand' for a random word.
             • 'vector' for a vector of words.
limit      max number of words to return.
num_syl    number of syllables in rhymes to return.

Value

data containing word(s) that sound similar.

Examples

get_sounds_like("test")
get_sounds_like("test", limit = 10)

generate_word()
Examples

get_spelled_like("test")

get_spelled_like("test", limit = 10)

---

return_content  | Helper function to shape data to return to user.

Description

Helper function to shape data to return to user.

Usage

return_content(api_content, return_type)

Arguments

<table>
<thead>
<tr>
<th>api_content</th>
<th>content returned from the API call.</th>
</tr>
</thead>
<tbody>
<tr>
<td>return_type</td>
<td>type to return. Options are:</td>
</tr>
<tr>
<td></td>
<td>• 'df' for data.frame.</td>
</tr>
<tr>
<td></td>
<td>• 'word' for a single word.</td>
</tr>
<tr>
<td></td>
<td>• 'random_word' or 'random word' or 'rand' for a random word.</td>
</tr>
<tr>
<td></td>
<td>• 'vector' for a vector of words.</td>
</tr>
</tbody>
</table>

Value

data as specified above.
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