Package ‘rhymer’

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Type Package

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

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

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

Version 1.0.0

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 <http://www.datamuse.com/api/>.

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Encoding UTF-8

LazyData true

Depends R (>= 3.1.0)

Imports jsonlite, httr

RoxygenNote 6.0.1

Suggests knitr, rmarkdown, testthat

VignetteBuilder knitr

NeedsCompilation no

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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

can be returned from an API call.

Examples

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

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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.
- 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

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

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

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)

get_spelled_like Get data for words that are spelled similarly.

Description
Get data for words that are spelled similarly.

Usage

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

Arguments

word to get similarly spelled 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.

Value
data with words that are spelled similarly.
return_content

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

api_content  content returned from the API call.
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.

Value

data as specified above.
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