

# Package ‘rhymer’

December 19, 2017

**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/>>.

**License** MIT + file LICENSE

**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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**Repository** CRAN

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|--------------|---|
| datamuse_api | <i>Call Datamuse API and return data.</i> |
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### 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")
```

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|             |  |
|-------------|--|
| get_content | <i>Extract content from Datamuse API call.</i> |
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### Description

Extract content from Datamuse API call.

### Usage

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

**Arguments**

|             |  |
|-------------|--|
| full_path   | API path to append to Datamuse API endpoint.   |
| return_type | type to return. Options are: <ul style="list-style-type: none"> <li>• 'df' for data.frame.</li> <li>• 'word' for a single word.</li> <li>• 'random_word' or 'random word' or 'rand' for a random word.</li> <li>• 'vector' for a vector of words.</li> </ul> |
| 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)
```

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|                |  |
|----------------|--|
| get_means_like | <i>Get dataframe for words with similar meaning.</i> |
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**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: <ul style="list-style-type: none"> <li>• 'df' for data.frame.</li> <li>• 'word' for a single word.</li> <li>• 'random_word' or 'random word' or 'rand' for a random word.</li> <li>• 'vector' for a vector of words.</li> </ul> |
| limit       | max number of words to return.   |

**Value**

data with words of similar meaning.

**Examples**

```
get_means_like("test")

get_means_like("test", limit = 10)
```

---

get\_other\_related      *Get data for words that are related according to a supplied code.*

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**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 <a href="http://www.datamuse.com/api/">http://www.datamuse.com/api/</a> .  |
| return_type | type to return. Options are: <ul style="list-style-type: none"><li>• 'df' for data.frame.</li><li>• 'word' for a single word.</li><li>• 'random_word' or 'random word' or 'rand' for a random word.</li><li>• 'vector' for a vector of words.</li></ul> |
| 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 | <i>Get data for rhyming words.</i> |
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**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: <ul style="list-style-type: none"><li>• 'df' for data.frame.</li><li>• 'word' for a single word.</li><li>• 'random_word' or 'random word' or 'rand' for a random word.</li><li>• 'vector' for a vector of words.</li></ul> |
| 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)
```

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|                 |   |
|-----------------|---|
| get_sounds_like | <i>Get data for words that sound similar.</i> |
|-----------------|---|

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**Description**

Get data for words that sound similar.

**Usage**

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

**Arguments**

|             |  |
|-------------|--|
| word        | to get similar sounding words with.  |
| return_type | type to return. Options are: <ul style="list-style-type: none"> <li>• 'df' for data.frame.</li> <li>• 'word' for a single word.</li> <li>• 'random_word' or 'random word' or 'rand' for a random word.</li> <li>• 'vector' for a vector of words.</li> </ul> |
| 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 | <i>Get data for words that are spelled similarly.</i> |
|------------------|---|

---

**Description**

Get data for words that are spelled similarly.

**Usage**

```
get_spelled_like(word = "test", return_type = "df", limit = 10)
```

**Arguments**

|             |  |
|-------------|--|
| word        | to get similarly spelled words with.   |
| return_type | type to return. Options are: <ul style="list-style-type: none"> <li>• 'df' for data.frame.</li> <li>• 'word' for a single word.</li> <li>• 'random_word' or 'random word' or 'rand' for a random word.</li> <li>• 'vector' for a vector of words.</li> </ul> |
| limit       | max number of words to return.   |

**Value**

data with words that are spelled similarly.

**Examples**

```
get_spelled_like("test")  
  
get_spelled_like("test", limit = 10)
```

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|                |   |
|----------------|---|
| return_content | <i>Helper function to shape data to return to user.</i> |
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**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: <ul style="list-style-type: none"><li>• 'df' for data.frame.</li><li>• 'word' for a single word.</li><li>• 'random_word' or 'random word' or 'rand' for a random word.</li><li>• 'vector' for a vector of words.</li></ul> |

**Value**

data as specified above.

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