

Package ‘wikifacts’

June 14, 2020

Type Package

Title Generates Facts Sourced from the Wikipedia Main Page

Version 0.3.0

Description Displays random facts from the Wikipedia homepage.

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Encoding UTF-8

LazyData true

Imports magrittr, rvest, xml2, curl

RoxygenNote 7.1.0

Suggests testthat, covr

NeedsCompilation no

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wiki_didyouknow	<i>Generate 'did you know' facts from the Wikipedia main page on a specified date.</i>
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Description

'wiki_didyouknow()' generates 'did you know' facts from the Wikipedia main page on a specified date.

Usage

```
wiki_didyouknow(n_facts = 1L, date = Sys.Date() - 1, bare_fact = FALSE)
```

Arguments

n_facts	An integer determining the number of facts that will be generated, up to a limit of the maximum facts for the date specified.
date	A date string of the form YYYY-MM-DD. Default value is yesterday's date.
bare_fact	Logical. Determining whether the fact should be quoted as is or surrounded by a preamble and courtesy statement.

Value

A vector of strings with random 'did you know' facts from Wikipedia's main page if it exists for the date specified - otherwise "I got nothin"

Examples

```
wiki_didyouknow(n_facts = 2, date = '2020-05-02')
```

wiki_inthenews	<i>Generate news items from the Wikipedia main page on a specified date.</i>
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Description

'wiki_inthenews()' generates news items from the Wikipedia main page on a specified date.

Usage

```
wiki_inthenews(n_facts = 1L, date = Sys.Date() - 1, bare_fact = FALSE)
```

Arguments

n_facts	An integer determining the number of facts that will be generated, up to a limit of the maximum facts for the date specified.
date	A date string of the form YYYY-MM-DD. Default value is yesterday's date.
bare_fact	Logical. Determining whether the fact should be quoted as is or surrounded by a preamble and courtesy statement.

Value

A vector of strings with random 'in the news' items from Wikipedia's main page, if it exists for the date specified - otherwise "I got nothin"

Examples

```
wiki_inthenews(n_facts = 1, date = '2020-05-02')
```

wiki_ontoday	<i>Generate 'on this day' facts from the Wikipedia main page on a specified date.</i>
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Description

'wiki_ontoday()' generates 'on this day' facts from the Wikipedia main page on a specified date.

Usage

```
wiki_ontoday(n_facts = 1L, date = Sys.Date() - 1, bare_fact = FALSE)
```

Arguments

n_facts	An integer determining the number of facts that will be generated, up to a limit of the maximum facts for the date specified.
date	A date string of the form YYYY-MM-DD. Default value is yesterday's date.
bare_fact	Logical. Determining whether the fact should be quoted as is or surrounded by a preamble and courtesy statement.

Value

A vector of strings with random 'on this day' facts from Wikipedia's main page if it exists for the date specified - otherwise "I got nothin"

Examples

```
wiki_ontoday(date = '2020-05-02')
```

wiki_randomfact	<i>Generate random facts from historic Wikipedia main pages</i>
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Description

‘wiki_randomfact()’ generates random facts from Wikipedia main pages after 1 January 2015.

Usage

```
wiki_randomfact(
  n_facts = 1L,
  fact = c("any", "didyouknow", "onthisday", "inthenews"),
  bare_fact = FALSE,
  repeats = TRUE
)
```

Arguments

n_facts	An integer determining the number of facts that will be generated.
fact	String to determine the type of fact to be randomly generated - "any" will generate a random selection.
bare_fact	Logical. Determining whether the fact should be quoted as is or surrounded by a preamble and courtesy statement.
repeats	Logical. Determining if repeat facts should be permitted. If FALSE the number of facts may be less than requested.

Value

A vector of strings with random items from Wikipedia’s main page - otherwise "I got nothin’"

Examples

```
wiki_randomfact()
```

wiki_search	<i>Display results of a Wikipedia search in the browser</i>
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Description

‘wiki_search()’ displays the results of a Wikipedia search in the browser.

Usage

```
wiki_search(term = NULL, browser = getOption("browser"))
```

Arguments

term	A non-empty character string giving the name of the term to be searched
browser	A non-empty character string passed to [browseURL()] to determine the browser used.

Value

A display of the results of the search in the browser.

Examples

```
wiki_search('R (programming language)')
```

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