

Package ‘r2dictionary’

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Type Package

Title A Mini-Dictionary for 'R' and 'Markdown' Writing

Version 0.1

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Description Despite the predominant use of 'R' for data manipulation and various robust statistical calculations, in recent years, more people from various disciplines are beginning to use 'R' for other purposes. A critical milestone that has enabled large influx of users to the 'R' community is the development of the 'Tidyverse' family of packages and 'Rmarkdown'. With the latter, one can write all kinds of documents and produce output in formats such 'HTML' and 'PDF' very easily. In doing this seamlessly, further tools are needed for such users to easily and freely write in 'R' for all kinds of purposes. The 'r2dictionary' introduces a means for users to directly search for definitions of terms from within the 'R' environment. The source dictionary is an original work of 'The Online Plain Text English Dictionary (OPTED)'.

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URL <https://github.com/oobianom/r2dictionary>

BugReports <https://github.com/oobianom/r2dictionary>

Depends R (>= 3.4)

Imports utils, stringr, rstudioapi, stats

Suggests rmarkdown, knitr, qpdf

Encoding UTF-8

VignetteBuilder knitr

Language en-US

LazyData true

RoxygenNote 7.0.1

NeedsCompilation no

Repository CRAN

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concatAll	<i>Concat multiple values</i>
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Description

Concat multiple values

Usage

```
concatAll(..., sep = "; ")
```

Arguments

...	the list of values to be concatenated
sep	the separated for concatenating

Examples

```
a = 5
b = 10
c = "done"
concatAll(a,b,c)
```

define	<i>Define words in english</i>
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Description

Given a word, a mini-dictionary is searched and results are retrieved with the relevant definitions

Usage

```
define(term, limitResult = 5)
```

Arguments

term	The term for which the definition is requested
limitResult	The limit of how many results to show

Value

Definition of word if it exists

Examples

```
## Not run:  
wordtodefine <- "smile"  
define(wordtodefine)  
  
## End(Not run)
```

defineSel	<i>Define Selected Text</i>
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Description

Detects a selected word in an open document. This was written for Rmarkdown writing, but it can be used for an open document. Using the addin is the most preferred means to call this function, albeit it can be called directly from the console.

Usage

```
defineSel()
```

Value

definition of the selected text

Examples

```
## Not run:
defineSel()

## End(Not run)
```

defineSelected	<i>Define Selected Text</i>
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Description

Detects a selected word in an open document. This was written for Rmarkdown writing, but it can be used for an open document. Using the addin is the most preferred means to call this function, albeit it can be called directly from the console.

Usage

```
defineSelected()
```

Value

definition of the selected text

Examples

```
## Not run:
defineSelected()

## End(Not run)
```

definition	<i>An alias to efine words in english</i>
------------	---

Description

Given a word, a mini-dictionary is searched and results are retrieved with the relevant definitions

Usage

```
definition(term, limitResult = 5)
```

Arguments

term	The term for which the definition is requested
limitResult	The limit of how many results to show

Value

Definition of word if it exists

Examples

```
## Not run:  
wordtodefne <- "zipzagged"  
definition(wordtodefne)  
  
## End(Not run)
```

fetchSelectedText *Fetch Selected Text*

Description

Fetch Selected Text

Usage

```
fetchSelectedText()
```

Value

The selected text and if it contains alphabets

Examples

```
## Not run:  
fetchSelectedText()  
  
## End(Not run)
```

isDictionaryLoaded *Check if dictionary is loaded*

Description

Check if dictionary is loaded

Usage

```
isDictionaryLoaded()
```

Value

Boolean result

Examples

```
## Not run:
y = isDictionaryLoaded()
y

## End(Not run)
```

loadDictionary	<i>Load the dictionary into the global environment</i>
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Description

Load the dictionary into the global environment

Usage

```
loadDictionary()
```

Examples

```
loadDictionary()#'
define("food")
```

meaning	<i>An alias to efine words in english</i>
---------	---

Description

Given a word, a mini-dictionary is searched and results are retrieved with the relevant definitions

Usage

```
meaning(term, limitResult = 5)
```

Arguments

term	The term for which the definition is requested
limitResult	The limit of how many results to show

Value

Definition of word if it exists

Examples

```
## Not run:  
wordtodefne <- "r2shortocde"  
meaning(wordtodefne)  
  
## End(Not run)
```

splitSpa12

Split definition character and count

Description

Split definition character and count

Usage

```
splitSpa12(word)
```

Arguments

word the fullword to split

Value

whole word from the given text

Examples

```
## Not run:  
wordtodefne <- "smile v"  
splitSpa12(wordtodefne)  
  
## End(Not run)
```

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