# Package 'r2dictionary'

June 24, 2020

**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 cal-
culations, in recent years, more people from various disciplines are begin-
ning to use 'R' for other purposes. A critical milestone that has enabled large in-
flux of users to the 'R' community is the development of the 'Tidyverse' family of pack-
ages and 'Rmarkdown'. With the latter, one can write all kinds of documents and produce out-
put in formats such 'HTML' and 'PDF' very easily. In doing this seemlessly, fur-
ther tools are needed for such users to easily and freely write in 'R' for all kinds of pur-
poses. The 'r2dictionary' introduces a means for users to directly search for defini-
tions of terms from within the 'R' environment. The source dictionary is an origi-
nal work of 'The Online Plain Text English Dictionary (OPTED)'.

**License** MIT + file LICENSE

**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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# R topics documented:

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concatAll                          *Concact multiple values*

---

## Description

Concact multiple values

## Usage

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

## Arguments

| | |
|---|---|
| ... | the list of values to be concacted |
| sep | the separated for concating |

## Examples

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

| define | *Define words in english* |
|---|---|

**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 exisits

**Examples**

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

## End(Not run)
```

| defineSel | *Define Selected Text* |
|---|---|

**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)
```

---

definition | *Define Selected Text*

---

## 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 | *An alias to efine words in english*

---

## 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 exisits

## Examples

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

## 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 *Load the dictionary into the global environment*

---

**Description**

Load the dictionary into the global environment

**Usage**

```
loadDictionary()
```

**Examples**

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

---

meaning *An alias to efine words in english*

---

**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 exisits

## Examples

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

## 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:
wordtodefine <- "smile v"
splitSpa12(wordtodefine)

## End(Not run)
```

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