

# Package ‘ecce’

June 29, 2020

**Type** Package

**Title** Translate English Words into Chinese, or Translate Chinese Words into English

**Version** 1.0.7

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**Description** If translate English words into Chinese, there is a faster way for R user. 'RYoudaoTranslate' package provides interface to 'Youdao' <<http://youdao.com/>> translation open API for R user. 'entcn' package also provides similar features. But it does not support Chinese words translation into English, I have made some improvements on the basis of this software. You can pass in a words or a vector consisting of multiple words, ecce package support both English and Chinese translation. It also support browse translation results in website.

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**URL** <https://cxy.rbind.io/ecce/>, <https://gitlab.com/chuxinyuan/ecce>

**BugReports** <https://gitlab.com/chuxinyuan/ecce/issues>

**Depends** R (>= 3.5.0)

**Imports** RCurl, rjson, stringr

**RoxygenNote** 7.1.0

**Suggests** testthat (>= 2.1.0), knitr, rmarkdown, dplyr

**VignetteBuilder** knitr

**Encoding** UTF-8

**LazyData** true

**NeedsCompilation** no

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**Repository** CRAN

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translate	<i>Translate English words into Chinese, or translate Chinese words into English</i>
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**Description**

When you pass in a vector consisting of an English or Chinese words, this function will calls the Youdao translation open API for R to return the corresponding type of Chinese or English representation.

**Usage**

```
translate(x)
```

**Arguments**

x                    A vector made up of English or Chinese words

**Value**

A vector made up of Chinese or English words

**Examples**

```
# Example-1
translate("apple")

# Example-2
x <- c("apple", "banana", "pear", "I love you")
translate(x)
```

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translate_full	<i>Translate words into English or Chinese with more information</i>
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**Description**

When you pass in a vector consisting of an English or Chinese words, this function will calls the Youdao translation open API for R to return the corresponding type of Chinese or English representation. Compare to translate function, this function can get more useful translation information.

**Usage**

```
translate_full(x)
```

**Arguments**

x                    A vector made up of English or Chinese words

**Value**

A list made up of Chinese or English words

**Examples**

```
# Example-1
translate_full("apple")

# Example-2
x <- c("apple", "banana", "pear", "I love you")
translate_full(x)
```

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translate_view	<i>Open a Youdao website browse translation results</i>
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**Description**

When you pass in a vector consisting of an English or Chinese words, this function will Open Youdao website browse translation results.

**Usage**

```
translate_view(x)
```

**Arguments**

x                    A vector made up of English or Chinese words

**Value**

Not print any result but open a website

**Examples**

```
# Example-1
translate_view("apple")

# Example-2
x <- c("apple", "banana", "pear", "I love you")
translate_view(x)
```

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