Package ‘RYandexTranslate’

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Type Package

Title R Interface to Yandex Translate API

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Description 'Yandex Translate' (https://translate.yandex.com/) is a statistical machine translation system. The system translates separate words, complete texts, and webpages. This package can be used to detect language from text and to translate it to supported target language.

For more info: https://tech.yandex.com/translate/doc/dg/concepts/About-docpage/.

URL https://github.com/mukul13/RYandexTranslate

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LazyData TRUE

Imports httr, RCurl, jsonlite

RoxygenNote 5.0.1.9000

NeedsCompilation no

Repository CRAN

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R topics documented:

detect_language ................................................................. 2
get_translation_direction .................................................. 2
translate ................................................................. 3

Index 4
detect_language

Detects the language of the specified text.

**Usage**

detect_language(api_key, text = "")

**Arguments**

- **api_key**  
yandex API key
- **text**  
The text to detect the language for

**Value**

data frame giving detected language

**Examples**

```r
## not run:
data=detect_language(api_key,text="how are you?")
## end(not run)
```

get_translation_direction

*Gets a list of translation directions supported by the service*

**Description**

Gets a list of translation directions supported by the service

**Usage**

get_translation_direction(api_key, lang = "")

**Arguments**

- **api_key**  
yandex API key
- **lang**  
If set, the response contains explanations of language codes. Language names are output in the language corresponding to the code in this parameter.
translate

Value

data frame giving supported translation direction

Examples

```r
## not run:
data=get_translation_direction(api_key)
## End(Not run)
```

translate Translates text to the specified language

Description

Translates text to the specified language

Usage

```r
translate(api_key, text = "", lang = ")
```

Arguments

- **api_key** yandex API key
- **text** The text to translate. The maximum size of the text being passed is 10000 characters.
- **lang** The translation direction. You can use any of the following ways to set it: As a pair of language codes separated by a hyphen ("from"-"to"). For example, en-ru indicates translating from English to Russian. As the final language code (for example, ru). In this case, the service tries to detect the source language automatically.

Value

data frame giving translated text

Examples

```r
## Not run:
data=translate(api_key,text="how are you?",lang="hi")
## End(Not run)
```
Index

detect_language, 2
get_translation_direction, 2
translate, 3