

Package ‘aws.translate’

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Type Package

Title Client for 'AWS Translate'

Version 0.1.4

Date 2020-03-10

Description A client for 'AWS Translate' <<https://aws.amazon.com/documentation/translate>>, a machine translation service that will convert a text input in one language into a text output in another language.

License GPL (>= 2)

URL <https://github.com/cloudyr/aws.translate>

BugReports <https://github.com/cloudyr/aws.translate/issues>

Imports httr, jsonlite, aws.signature (>= 0.3.4)

Encoding UTF-8

RoxygenNote 7.0.2

NeedsCompilation no

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aws.translate-package *aws.translate*

Description

Client for AWS Translate

Details

This is a client for AWS Translate, a machine translation service.

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See Also

[AWS Translate Documentation](#)

[translate](#)

translate *Translate text between languages*

Description

Translate text between languages

Usage

```
translate(text, from = "en", to, ...)
```

Arguments

text	A character string containing a text
from	A two-letter language code specifying the language of the source text.
to	two-letter language code specifying the language to translate in to.
...	Additional arguments passed to translateHTTP .

Value

A character string containing the translation.

Examples

```
## Not run:  
translate("hello world!", to = "fr")  
  
## End(Not run)
```

translateHTTP	<i>Execute AWS Translate API Request</i>
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Description

This is the workhorse function to execute calls to the Translate API.

Usage

```
translateHTTP(
  action,
  query = list(),
  headers = list(),
  body = NULL,
  verbose = getOption("verbose", FALSE),
  region = Sys.getenv("AWS_DEFAULT_REGION", "us-east-1"),
  key = NULL,
  secret = NULL,
  session_token = NULL,
  ...
)
```

Arguments

action	A character string specifying the API action to take
query	An optional named list containing query string parameters and their character values.
headers	A list of headers to pass to the HTTP request.
body	A request body
verbose	A logical indicating whether to be verbose. Default is given by options("verbose").
region	A character string specifying an AWS region. See locate_credentials .
key	A character string specifying an AWS Access Key. See locate_credentials .
secret	A character string specifying an AWS Secret Key. See locate_credentials .
session_token	Optionally, a character string specifying an AWS temporary Session Token to use in signing a request. See locate_credentials .
...	Additional arguments passed to GET .

Details

This function constructs and signs an Translate API request and returns the results thereof, or relevant debugging information in the case of error.

Value

If successful, a named list. Otherwise, a data structure of class "aws-error" containing any error message(s) from AWS and information about the request attempt.

Author(s)

Thomas J. Leeper

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