

# Package ‘aws.translate’

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**Type** Package

**Title** Client for 'AWS Translate'

**Version** 0.1.3

**Date** 2018-04-11

**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)

**RoxygenNote** 6.0.1

**NeedsCompilation** no

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aws.translate-package *aws.translate*

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### Description

Client for AWS Translate

### Details

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

### Author(s)

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### See Also

[AWS Translate Documentation](#)

[translate](#)

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translate *Translate text between languages*

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### 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 <a href="#">translateHTTP</a> .

### Value

A character string containing the translation.

### Examples

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

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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(), body = NULL,  
  verbose = getOption("verbose", FALSE), region = NULL, 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.
body	A request body
verbose	A logical indicating whether to be verbose. Default is given by <code>options("verbose")</code> .
region	A character string containing an AWS region. If missing, the default "us-east-1" is used.
key	A character string containing an AWS Access Key ID. The default is pulled from environment variable "AWS_ACCESS_KEY_ID".
secret	A character string containing an AWS Secret Access Key. The default is pulled from environment variable "AWS_SECRET_ACCESS_KEY".
session_token	Optionally, a character string containing an AWS temporary Session Token. If missing, defaults to value stored in environment variable "AWS_SESSION_TOKEN".
...	Additional arguments passed to <a href="#">GET</a> .

### Details

This function constructs and signs an Polly 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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