

# 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** htrr, jsonlite, aws.signature (>= 0.3.4)

**Encoding** UTF-8

**RoxygenNote** 7.0.2

**NeedsCompilation** no

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**Repository** CRAN

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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(),
  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 <a href="#">locate_credentials</a> .  |
| key           | A character string specifying an AWS Access Key. See <a href="#">locate_credentials</a> .  |
| secret        | A character string specifying an AWS Secret Key. See <a href="#">locate_credentials</a> .  |
| session_token | Optionally, a character string specifying an AWS temporary Session Token to use in signing a request. See <a href="#">locate_credentials</a> . |
| ...           | Additional arguments passed to <a href="#">GET</a> .   |

### 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)**

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