

Google Translate Service

Introduction

Google translate service is a public service of B2C team, include dev/staging/uat/production environment, it will provide translate language api(s) for transaction platform/information platform as an Infrastructure Service.

GTS Design

- [Google Cloud Platform Translate API](#)
- Why choose Google Translate

Choice				
Google Translation	100[ISO-639-1]	Client Libraries	\$20/	GCP Console project
OneSky	50	SDK	0.04\$/per word	
AWS Translation	21	AWS SDK	\$15/	

Quickly start a translation tour

- [GCP Console project](#) GCP Project Access Transparency
- [One Sky Quick Start](#) OneSky Create a Project
- [AWS Translate QuickStart](#) AWS

Google Translate Advantage

Word 10

OneSkyGoogle Translation Word 200 \$ OneSky 0.04\$ * 1000k = 40000\$

AWS Translation Word 150 \$

Google Translate Model

- PBMT(Phrase-Based Machine Translation)

Google Translate Service PBMT api “”

- NMT(Neural machine translation)

NMT (mt) (en)

Translate API

google translate service is based on [common_service](#) which includes the features of upload and translate

Request :

	Interface	Method	ContentType	BodyType	ParamName	Type	Required	DESC	Example	Default
1	/translate	POST	multipart/form-data	json (refer to B2C API	text	[]string	yes	Sets the text to translate	["Hello World!"] ["Hello World!","You got brothers"]	

Specification)	targetLang	string	yes	Sets the target language	zh ru	
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Response:

```
{
  "common":{
    "msgType":"response",
    "timestamp":1439261908,
    "requestId":"2018188100890001"
  },
  "pageInfo":{
    "pageIndex":0,
    "pageSize":0
  },
  "total":0,
  "errorCode":0,
  "errorMsg": "",
  "data":{"text":["", ""], "targetLang":""},
}
```