GOSLATE LIBRARY goslate provides free python API to google translation service by querying google translation website.

```
!pip install goslate

Collecting goslate
  Downloading goslate-1.5.4.tar.gz (14 kB)
  Preparing metadata (setup.py) ...  goslate)
  Downloading futures-3.0.5.tar.gz (25 kB)
  Preparing metadata (setup.py) ... e=goslate-1.5.4-py3-none-any.whl
size=11579
sha256=4525c0dd7b6013bb34c88e630ca9741b6016a95557d1084f911b75253b4a8d9
1
  Stored in directory:
/root/.cache/pip/wheels/b5/30/e9/63b6de83667be2977ee793a146a2c80f8e588
d5c0203b39dc9
  Building wheel for futures (setup.py) ... e=futures-3.0.5-py3-none-
any.whl size=14068
sha256=437aa597d3cd9e60ab39164f686ad1740a76c29d45140b97c1f492d702f6767
1
  Stored in directory:
/root/.cache/pip/wheels/ef/af/93/48739d464ba97d4cdc77c627d282f9794c8d2
76e42aaa92160
Successfully built goslate futures
Installing collected packages: futures, goslate
Successfully installed futures-3.0.5 goslate-1.5.4
```

{"pip_warning":{"packages":["concurrent"]}}

```
import goslate
inserted_text = "Python is so Powerful"
new_gs = goslate.Goslate()
new_gs.translate(inserted_text, 'pt')
```

{"type":"string"}

TRNASLATE LIBRARY Translate is a simple but powerful translation tool written in python with support for multiple translation providers.The biggest reason to use translate is to make translations in a simple way without the need of bigger effort and can be used as a translation tool like command line

```
!pip install translate

Collecting translate
  Downloading translate-3.6.1-py2.py3-none-any.whl (12 kB)
Requirement already satisfied: click in
/usr/local/lib/python3.10/dist-packages (from translate) (8.1.7)
Requirement already satisfied: lxml in /usr/local/lib/python3.10/dist-
packages (from translate) (4.9.3)
Requirement already satisfied: requests in
/usr/local/lib/python3.10/dist-packages (from translate) (2.31.0)
Collecting libretranslatepy==2.1.1 (from translate)
  Downloading libretranslatepy-2.1.1-py3-none-any.whl (3.2 kB)
Requirement already satisfied: charset-normalizer<4,>=2 in
/usr/local/lib/python3.10/dist-packages (from requests->translate)
(3.2.0)
Requirement already satisfied: idna<4,>=2.5 in
/usr/local/lib/python3.10/dist-packages (from requests->translate)
(3.4)
Requirement already satisfied: urllib3<3,>=1.21.1 in
/usr/local/lib/python3.10/dist-packages (from requests->translate)
(2.0.4)
Requirement already satisfied: certifi>=2017.4.17 in
/usr/local/lib/python3.10/dist-packages (from requests->translate)
(2023.7.22)
Installing collected packages: libretranslatepy, translate
Successfully installed libretranslatepy-2.1.1 translate-3.6.1
```

```python
#Translate text to another language
from translate import Translator
translator= Translator(from_lang="english", to_lang="hindi")
translation = translator.translate("This is a useful library!")
print(translation)
```

यह बहुत उपयोगी पुस्तक है

```
!pip install -U textblob
```

```
Requirement already satisfied: textblob in
/usr/local/lib/python3.10/dist-packages (0.17.1)
Requirement already satisfied: nltk>=3.1 in
/usr/local/lib/python3.10/dist-packages (from textblob) (3.8.1)
Requirement already satisfied: click in
/usr/local/lib/python3.10/dist-packages (from nltk>=3.1->textblob)
(8.1.7)
Requirement already satisfied: joblib in
/usr/local/lib/python3.10/dist-packages (from nltk>=3.1->textblob)
(1.3.2)
Requirement already satisfied: regex>=2021.8.3 in
/usr/local/lib/python3.10/dist-packages (from nltk>=3.1->textblob)
(2023.6.3)
Requirement already satisfied: tqdm in /usr/local/lib/python3.10/dist-
packages (from nltk>=3.1->textblob) (4.66.1)
```

GOOGLE TRANS LIBRARY is also a popular library for text translation in Python

Googletrans is a free and unlimited python library that implemented Google Translate API. This uses the Google Translate Ajax API to make calls to such methods as detect and translate.

```
pip install googletrans==4.0.0-rc1

Collecting googletrans==4.0.0-rc1
  Downloading googletrans-4.0.0rc1.tar.gz (20 kB)
  Preparing metadata (setup.py) ...  googletrans==4.0.0-rc1)
  Downloading httpx-0.13.3-py3-none-any.whl (55 kB)
━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 55.1/55.1 kB 1.9 MB/s eta
0:00:00
ent already satisfied: certifi in /usr/local/lib/python3.10/dist-
packages (from httpx==0.13.3->googletrans==4.0.0-rc1) (2023.7.22)
Collecting hstspreload (from httpx==0.13.3->googletrans==4.0.0-rc1)
  Downloading hstspreload-2023.1.1-py3-none-any.whl (1.5 MB)
━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 1.5/1.5 MB 24.3 MB/s eta
0:00:00
ent already satisfied: sniffio in /usr/local/lib/python3.10/dist-
packages (from httpx==0.13.3->googletrans==4.0.0-rc1) (1.3.0)
Collecting chardet==3.* (from httpx==0.13.3->googletrans==4.0.0-rc1)
  Downloading chardet-3.0.4-py2.py3-none-any.whl (133 kB)
```

```
                                                    ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 133.4/133.4 kB 13.0 MB/s eta
0:00:00
  httpx==0.13.3->googletrans==4.0.0-rc1)
    Downloading idna-2.10-py2.py3-none-any.whl (58 kB)
                                                    ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 58.8/58.8 kB 6.7 MB/s eta
0:00:00
  httpx==0.13.3->googletrans==4.0.0-rc1)
    Downloading rfc3986-1.5.0-py2.py3-none-any.whl (31 kB)
Collecting httpcore==0.9.* (from httpx==0.13.3->googletrans==4.0.0-
rc1)
    Downloading httpcore-0.9.1-py3-none-any.whl (42 kB)
                                                    ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 42.6/42.6 kB 4.7 MB/s eta
0:00:00
  httpcore==0.9.*->httpx==0.13.3->googletrans==4.0.0-rc1)
    Downloading h11-0.9.0-py2.py3-none-any.whl (53 kB)
                                                    ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 53.6/53.6 kB 6.3 MB/s eta
0:00:00
  httpcore==0.9.*->httpx==0.13.3->googletrans==4.0.0-rc1)
    Downloading h2-3.2.0-py2.py3-none-any.whl (65 kB)
                                                    ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 65.0/65.0 kB 7.3 MB/s eta
0:00:00
e<6,>=5.2.0 (from h2==3.*->httpcore==0.9.*->httpx==0.13.3-
>googletrans==4.0.0-rc1)
    Downloading hyperframe-5.2.0-py2.py3-none-any.whl (12 kB)
Collecting hpack<4,>=3.0 (from h2==3.*->httpcore==0.9.*-
>httpx==0.13.3->googletrans==4.0.0-rc1)
    Downloading hpack-3.0.0-py2.py3-none-any.whl (38 kB)
Building wheels for collected packages: googletrans
  Building wheel for googletrans (setup.py) ... e=googletrans-
4.0.0rc1-py3-none-any.whl size=17396
sha256=f827da4f1a46613cb1a920434ea3821c407742540dfb1c5342b45890cc8fe7e
3
  Stored in directory:
/root/.cache/pip/wheels/c0/59/9f/7372f0cf70160fe61b528532e1a7c8498c4be
cd6bcffb022de
Successfully built googletrans
Installing collected packages: rfc3986, hyperframe, hpack, h11,
chardet, idna, hstspreload, h2, httpcore, httpx, googletrans
  Attempting uninstall: chardet
    Found existing installation: chardet 5.2.0
    Uninstalling chardet-5.2.0:
      Successfully uninstalled chardet-5.2.0
  Attempting uninstall: idna
    Found existing installation: idna 3.4
    Uninstalling idna-3.4:
      Successfully uninstalled idna-3.4
Successfully installed chardet-3.0.4 googletrans-4.0.0rc1 h11-0.9.0
h2-3.2.0 hpack-3.0.0 hstspreload-2023.1.1 httpcore-0.9.1 httpx-0.13.3
hyperframe-5.2.0 idna-2.10 rfc3986-1.5.0
```

```
{"pip_warning":{"packages":["chardet","idna"]}}

from googletrans import Translator

# Create a Translator object
translator = Translator()

# Text you want to translate
text_to_translate = 'Easy way to translate a text in python'

# Translate the text to Arabic
translated_text = translator.translate(text_to_translate, src='en',
dest='ar').text

# Print the translated text
print(translated_text)
```

طريقة سهلة لترجمة نص في بيثون

Certainly! Here are some basic language codes for commonly used languages:

English: 'en'

German: 'de'

Spanish: 'es'

French: 'fr'

Italian: 'it'

Portuguese: 'pt'

Chinese (Simplified): 'zh-CN'

Japanese: 'ja'

Arabic: 'ar'

Russian: 'ru'

Hindi: 'hi'

Korean: 'ko'

Dutch: 'nl'

Turkish: 'tr'

Swedish: 'sv'

These codes can be used when working with text translation libraries or services like Google Translate to specify the source language (src) and target language (dest) for translation