



# Google Translate Readme

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Version 1  
23/1/2020

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## 1. Introduction

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Google Translate, translates text into/from following languages. Predikly's Google Translate bot converts text into multiple languages. Please use below link for reference. <https://cloud.google.com/translate/docs/languages>

### 1.1 Overview

A translator reads something written in one language and speaks it or writes it in another language. For example, they could read a book in French and then translate it into English. See translation for more information. In order to convert meanings from one language into another one, translators must be able to know deeply about the target culture, so that they are effective in conveying the original meaning of the source text or material. As a result, translators do not only convert words, what makes it deeper than a science but an art. Translation is a complex activity, mainly because to interact and to communicate between languages require more than fluency in the source and the target languages but flexibility between them in an effective way for a specific audience or special readers. It is a sort of occupation and career that is mainly based on research and great skills for languages.

This Bot used to converts text into multiple languages. This bot uses GoogleLicense to authenticate the bot user.

#### Sample Input

Input 1: Input Text

Input 2: Language Code.

Input 3: API Key.

#### Sample Output

```
[
  {
    "translatedText":"WIE GEHT ES DIR",
    "detectedSourceLanguage":"en", "model":"base"
  }
]
```

## Requirements & Prerequisites

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### 1.2 System Requirements



For the PC or server where the bot needs to run:

- RAM: 8GB or higher
- PROCESSOR: Intel Core i5 or higher and equivalent for any other OS
- Hard Disk Up to 2GB of overall free space in the AA Client installation drive.

### 1.3 Prerequisites

- Software's needed -
  - A. AA Enterprise Client 11.x
  - B. AA Enterprise Control Room 11.x
  - C. Microsoft Web API - API development

### 1.4 Security Measures

- Authentication and Authorization in Web API
- Bot uses GoogleLicense to authenticate the bot user.
- Secure a Web API with Individual Accounts in Web API 2.2
- External Authentication Services with Web API (C#)
- Preventing Cross-Site Request Forgery (CSRF) Attacks in Web API
- Enabling Cross-Origin Requests in Web API 2
- Authentication Filters in Web API 2
- Basic Authentication in Web API
- Forms Authentication in Web API
- Integrated Windows Authentication
- Working with SSL

## 2. Getting Started

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### 2.1 Skill Matrix

Skill	Task Files	MetaBot Files
converts text into multiple languages	GoogleTranslate-Predikly.atmx	GoogleTranslate-Predikly.mbot

### 2.2 Installation Hierarchy



- Download the bot from Bot Store.
- Unzip the zip archive.
- For **first time users**, create “**Bot Store**” folder under **<AA Directory>/My MetaBots** (*on your local disk*).
- Copy folder “**GoogleTranslate-Predikly**” to above created Bot Store folder inside **<AADirectory>/My Tasks** in Automation Anywhere folder on your local disk.  
Move the “**GoogleTranslate-Predikly.mbot**” file from (unzipped) **GoogleTranslate-Predikly /My Metabots** to **<AA Directory>/My MetaBots/** in Automation Anywhere folder on your local disk.

## 2.3 Quick Start



### 2.3.1 Setup

<AA Directory>

- My Tasks
  - Bot Store
    - GoogleTranslate-Predikly
      - My Tasks
        - GoogleTranslate-Predikly.atmx
      - Error Folder
        - Logs(Folder)
          - Error LogsMonth-Day-Year.txt
        - Snapshots(Folder)
          - Error SnapMonth-Day-Year-Hour-Minute-Second-Millisecond.png
      - My Metabots
        - GoogleTranslate-Predikly.mbot

### 2.3.2 Configuration

INPUT VARIABLES: Input Variables to be mentioned in this Table				
Variable Name	Type	Mandatory	Purpose	Example Input
vInputText	String	Yes	This variable provide Input Text	*
vLangCode	String	Yes	This variable provide Language code	e.g. English = en.
vAPIKey	String	Yes	This variable provide Api key	*
vAccessCode	String	Yes	This variable provides Access Code	*
vErrorFolder	String	Yes	This is error folder inside bot folder which contains Logs and Snapshots folder (Already defined, no need to Add value unless want to change location of file).	*
vLogFolder	String	Yes	This folder contains Log file in case of error (Already defined, no need to add value unless want to change location of file).	*
vSnapshotFolder	String	Yes	This folder contains Screen shot in case of error (Already defined, no need to add value unless want to change location of file).	*

For External File –

OUTPUT VARIABLES: Output Variables to be mentioned in this Table.				
Variable Name	Type	Mandatory	Purpose	Example Output
vOutput	String	Yes	It gives translated text.	*
vErrorMsg	String	Yes	This output variable consists of Error message returned from the Utility if found, else returns success	*
vAccessCodeResponse	String	Yes	This variable provides Access Code Is valid or not (e.g. Success).	*



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## 4. Logs

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### Error Handling

In case of Errors, Error Logs & Screenshots are generated within Error Folder.

- Each Bot folder contains the below hierarchy.
  - Error Folder
    - Logs
      - ErrorLogsMonth-Day-Year.txt:  
In case of any error, this file logs error message along with timestamp
    - Snapshots
      - Error SnapMonth-Day-Year-Hour-Minute-Second-Millisecond.png: In case of any error, this file captures screenshot of error.

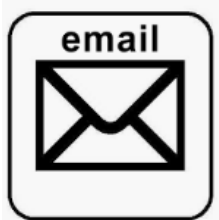
Task Status of bot is set to failed in case of error.

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## 5. Troubleshooting & Support

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### 5.1 Support



[prediklybots@predikly.com](mailto:prediklybots@predikly.com)

## Appendix A: Record of Changes

No.	Version Number	Date of Change	Author	Notes
1	v1	06/02/2020	Predikly	

## Appendix B: Acronyms

No.	Acronym	Description
1	AA	Automation Anywhere
2	API	Application Programming Interface
3	RAM	Random Access Memory
4	OS	Operating System

## Appendix C: References

No.	Topic	Reference Link
1	Predikly Technologies Pvt Ltd	<a href="http://www.predikly.com/">http://www.predikly.com/</a>