



Language Translation & Text Utility using IBM Watson

Readme

Version 1
17/04/2020



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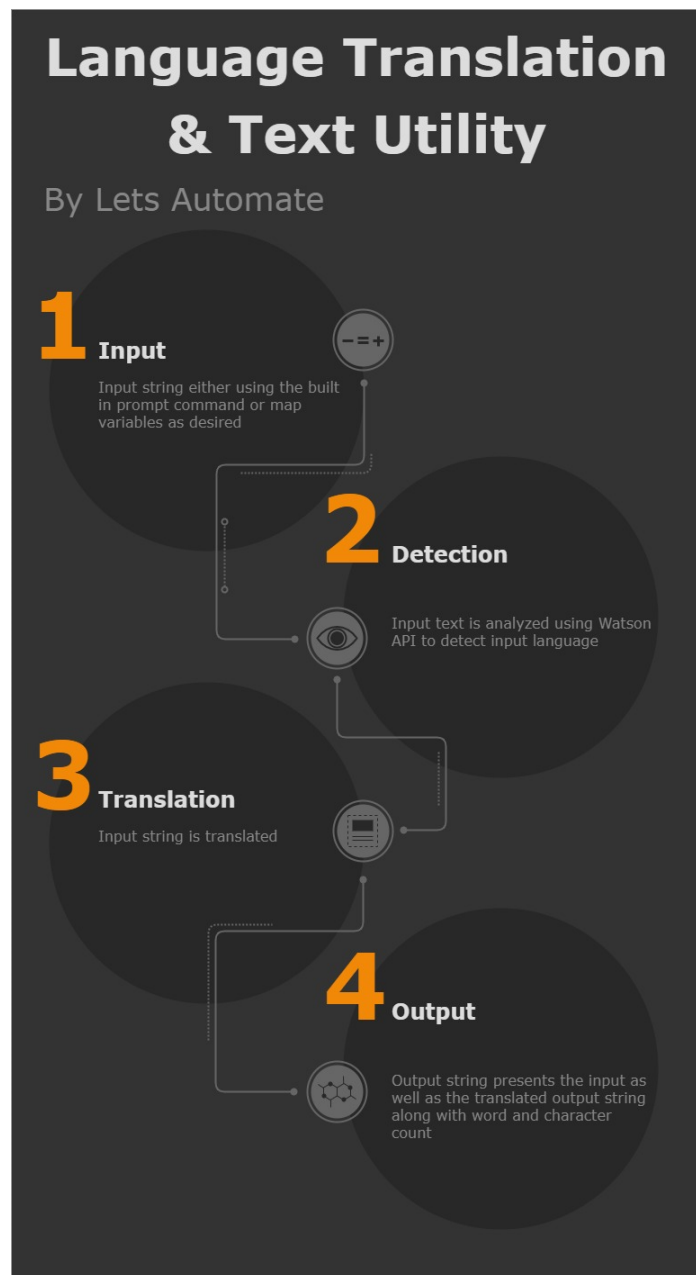


1. Introduction

This document contains all essential information for the user to make full use of this A2019 Language Translation & Text Utility using IBM Watson. It includes a description of the functions and capabilities and step-by-step procedures for setup & configuration of the Bot

1.1 Overview

This bot uses IBM Watson translator API integration with Automation Anywhere to detect text in up-to 70 different languages and translate input text into any of the 70 supported languages. It also provides a word and character count of the input text and can be used as a standalone feature.





1.2 Use cases

Some of the common use cases for the bot is listed but not limited to the following:

- Digital assistant/ on demand translator
- Multiple language input use cases
- Email processing in multiple languages
- On demand bot for word and character count
- Translate bulk list of strings into any of the supported languages



2. Requirements & Prerequisites

2.1 System Requirements

[Enterprise A2019 \(Cloud deployed\) and Community Edition device requirements.](#)

Review the machine hardware specifications, operating system versions, and browser types supported by Automation Anywhere Enterprise for creating and running bots and command packages as an Enterprise A2019 (Cloud deployed) or Community Edition user on your local machine.

2.2 Prerequisites

- IBM Cloud account with Watson language translator service API



3. Getting Started

3.1 Quick Start

3.1.1 Setup

Steps to sign up for IBM Watson Language Translator:

1. If you don't have an IBM cloud ID, you can register one [here](#)

[Already have an IBM Cloud account? Log in](#)

Create a free account

Join us in the cloud and start building today.

Email ✓

First Name ✓

Last Name ✓

Country or Region ✓

 ▼



2. Confirm your account using the email received from IBM Cloud <no-reply@cloud.ibm.com>

 IBM Cloud

Hello Azhar,

Thank you for signing up for IBM Cloud! Confirm your account to get started.

[Confirm account](#)

By confirming your account, you accept the [Terms of Use](#).

Welcome and happy building!

Thank you,
IBM Cloud

Visit the [IBM Cloud console](#).

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3. Once your account is confirmed, Login and accept the privacy statement by clicking on proceed

Acknowledgement

I acknowledge that I understand how IBM is using my Basic Personal Data and I am at least 16 years of age.

[Proceed](#)

[Cancel Sign In](#)



- You can now browse to <https://cloud.ibm.com/catalog/services/language-translator> and create a lite / free instance of Watson language translator

Language Translator Lite IBM Service IAM-enabled

Author: IBM Watson • Date of last update: 12/09/2019

Need Help? Contact Support View docs API docs

Summary

Language Translator Free

Region: London

Plan: Lite

Service name: Language Translator-ho

Resource group: Default

Create

Add to estimate

View terms

PLAN	FEATURES	PRICING
✓ Lite	Translate up to 1,000,000 Characters per Month Identify up to 68 languages with Language Identification Document Translation supporting 12 file types	Free

The Lite plan gets you started with 1,000,000 characters per month at no cost and includes the default translation models. When you upgrade to a paid plan, you can create custom models.
Lite plan services are deleted after 30 days of inactivity.

- Once you've created your instance, you'll be directed to your main screen. Select 'Service Credentials' on the navigation bar

Manage

Getting started

Service credentials

Plan

Connections

Resource list /

Language Translator-ho

Resource group: Default Location: London

Add Tags

Service credentials

- Then, Select 'View Credentials'

Resource list /

Language Translator-ho

Resource group: Default Location: London Add Tags

Service credentials

Credentials are provided in JSON format. The JSON snippet lists credentials, such as the API key and secret, as well as connection information for the service. Learn more

Service credentials New credential

Items per page 10 | 1-1 of 1 items 1 of 1 pages

KEY NAME	DATE CREATED	ACTIONS
<input type="checkbox"/> Auto-generated service credentials	DEC 11, 2019 - 12:59:44 PM	View credentials



7. Copy the values for 'apikey' and 'url'

```
1 {  
2   "apikey": "0sXDe7LbyUUMWYZpN50bb6KQJgMK58tsLWQ45Uoflt02",  
3   "iam_apikey_description": "Auto-generated for key 0b5ffc9e-672c-4090-b3db-b6bd30b2bf90",  
4   "iam_apikey_name": "Auto-generated service credentials",  
5   "iam_role_crn": "crn:v1:bluemix:public:iam:::serviceRole:Manager",  
6   "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/7ac61c2e64f84eb3a4dafa92c0080d6a:::serviceid:ServiceId-90a51171-d129-4d5c-9320-3bc0d2173c74",  
7   "url": "https://gateway-lon.watsonplatform.net/language-translator/api"  
8 }
```

8. Update the entries in the respective variables in the bot under step **Process Input String**

3.1.2 Configuration and Use

Input variable to be setup by the user

Variable Name	Type	Mandatory	Purpose	Example Input
vAPIKey	String	Yes	The API key is used to authenticate Watson translator API	0sXDe7LbyUUMWYZ pN50bb6KQJgMK58t sLWQ45Uoflt02
vURI	Link	Yes	The URL is the main section of the API URI which will be allocated once a user signs up using instructions in section 3.3.1	https://gateway- lon.watsonplatform.net/ language-translator/api



4. Support & FAQs

4.1 Support

Free bots are not officially supported. You can get access to Community Support through the following channels:

- You can get access to Community Support, connecting with other Automation Anywhere customers and developers on [APeople](#) – the [Bot Building Forum](#), the [Bot Store Support Forum](#), or the [Developers Everywhere Group](#).
- Automation Anywhere also provides a [Product Documentation portal](#) which can be accessed for more information about our products and guidance on [Enterprise A2019](#).

4.2 FAQs

Q. Can I sign up for IBM Watson Language Translator with my personal email address?

A. Yes

Q. How long will the temporary API be active?

A. When the trial period expires or maximum free API call threshold is reached, whichever comes first

For questions relating to Enterprise A2019: See the [Enterprise A2019 FAQs](#).



Appendix A: Record of Changes

No.	Version Number	Date of Change	Author	Notes
1	Version 1	17/04/2020	Azhar Hossain	Initial Release



Appendix B: References

No.	Topic	Reference Link
1	YouTube Channel	Click here
2	Our Other Bots	Click here
3	A-people A-Lister Profile	Click here
4	Overview of Enterprise A2019	Click here
5	Guidance: Building basic A2019 bots	Click here
6	Guidance: Building A2019 action packages	Click here
7	APeople Community Forum	Click here
8	Automation Anywhere University	Click here