IBM **Developer**
SKILLS NETWORK

Project: Overview

This project has several steps that you must complete. The high-level step list given below will help to provide you with an overview of the whole project. The project is divided into smaller labs with detailed instructions for each step. You must complete all labs to complete the project successfully.

Project Breakdown

Prework: Sign up for IBM Cloud Lite account and create a Watson Language Translator service.

1. Create an IBM Cloud Lite account, if you don't have one already.
2. Create an instance of the Watson Language Translator.

Create Python Server side

1. Fork and clone the skeleton project on your GitHub.
2. Create an instance of the Watson Language Translator in the translator.py
3. Create two functions, one to translate from English to French and the othet to translate from French to English in translator.py
4. Write unit tests to test the two functions
5. Run coding standards check against the two functions
6. Run unit tests and ensure the tests pass.
7. Package the above functions and tests as a standard python package
8. Import the package in server.py. Create two end points in server.py `/englishToFrench` and `/frenchToEnglish` and test them on local server.
9. Deploy the application on IBM Cloud.

Deploy the server application

1. Deploy the server application so that it is accessible through browser

Submit your project for grading

You will need to submit the URL of your server application that you have deployed, screenshots of the translation and the link to your github repository.

Next Steps

To complete the lab, follow the step-by-step instructions given in the lab, starting with the prework.

Author(s)

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Changelog

Date	Version	Changed by	Change Description
2021-05-06	0.1	Lavanya	Initial version created