

IPO Chart

Component: Business Services/Task

Module Name: Translate

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Inputs	Process	Outputs
Words to translate	1. select language 2. input string 3. parse string 4. add translation for word after the comma	String of translated input
language		

Inputs:

- Words to translate
- language

Process Description:

1. The user will select the language
2. The user will input a string
3. the string will be translated and the translation will appear after each word preceding a comma

Outputs:

- String of translated input

APIs/Objects:

- French Library
- Spanish Library
- German Library
- English Library

Pseudocode:

The input string will be split at the comma and each word will be stored in an array

The first word in the array is the language our word will be translated to. The second word is the one being translated.

Check if the language and word passed as input are found within our text file. If the language is not found, return the error code 805. If the word is the one not found return the error code 813

Enter the text file corresponding to the first word in our array. Search for the word in this file and print the translated version of the word if it is present.