IPO Chart

Component: Utility Services

Module Name: Text Broker

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Inputs	Process	Outputs
File and parameter for translation or tax and <= if tax data	1. create array of input 2. Check if file is valid file if not then return error 3. If input includes <= then we check for tax info and find <= for value and return the percentage 4. Else we search through given file and find word for translate or code for error and return the translation or error code equivalent if not found return error	Word or error message Tax percentage Error

Inputs:
- File
- Parameter
- <= if tax

Process Description
create array of input
Check if file is valid file if not then return error
If input includes <= then we check for tax info and find <= for value and return the percentage
Else we search through given file and find word for translate or code for error and return the translation or error code equivalent if not found return error

Outputs:
- Thrown Exception
- String of Error Message.

APIs/Objects:
- N/A

Pseudocode:
1. DIVIDE parameters based on commas to extract file and input
2. Open file provided
3. If input includes <= then parseInt the input and compare to values in text file
4. Return percentage of tax they owe
5. If input does not include <=

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6. Read through file until matching error code or word is found
7. Return word translation or error code translation
8. If no match in file return error word not found