

# IPO Chart

**Component: Utility Services**

**Module Name: Text Broker**

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Inputs	Process	Outputs
Service to call Plist for the service to be called	1. Input from the Application Service Broker is checked for incorrect input. 2. If input is incorrect, text broker will output corresponding error message to user and an exception will be thrown.	Thrown Exception String of Error Message.

**Inputs:**

- Service Call
- PList for service to be called

**Process Description:**

1. Input from the Application Service Broker is checked for incorrect input.
2. If input is incorrect, text broker will output corresponding error message to user.

**Outputs:**

- Thrown Exception
- String of Error Message.

**APIs/Objects:**

- N/A

**Pseudocode:**

User enters an option in the User Interface that corresponds to a switch case that will check for incorrect input.

SWITCH

CASE "404"

Print "Not Found"

Case "703"

Print "Service Not Found"

Case "805"

Print "Language Not Found"

Case "813"

Print "Word Not Found"

Case "903"

Print "Tax Year Not Found"

IF (grossIncome != INT)

Throw NumberFormatException