**Component: Utility Layer**

**Module Name: Error Messages Module**

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| Inputs | Process | Outputs |
| --- | --- | --- |
| paramList | The Service Broker (SB) will have called this error module, providing the error message code as args[0].  This error module will, in turn, open Option.txt to identify the error language specified. This module will set the service code to "TB" (Text Broker), and will call the SB with a paramList (containing the respective error language file name and error message code) and the service code ("TB"). | paramList |
| serviceCode | serviceCode |
|  | String output (passed back to SB) |

**Inputs:**

ParamList

ServiceCode

**Process Description**

The Service Broker (SB) will have called this error module, providing the error message code as args[0]. This error module will, in turn, open Option.txt to identify the error language specified. This module will set the service code to "TB" (Text Broker), and will call the SB with a paramList (containing the respective error language file name and error message code) and the service code ("TB").

**Outputs**

paramList (contains error code and language-specific error file)

serviceCode (“TB”)

output (String passed back to the SB)

**APIs/Objects:**

**Pseudocode:**

Set String errorMessageCode to args[0] (receiving error message code from SB)

Set String serviceCode to “TB”

Open Option.txt, read in first line; separate the line into an array of strings, separated by the comma

Set String errorFileName to the file name in Option.txt

Set String paramList = errorFileName + “,” + errorMessageCode

Call Service Broker with paramList and serviceCode as the parameters

Send back output string to the Service Broker