

## **Error Handling By Querying Bulletin Board**

For processors where the errors cannot be captured directly as a flowfile attribute (eg. ConsumeAMQP, PublishAMQP etc.), this flow will query the bulletin board for the processor in consideration and retrieve the error information for the same.

### **Key Components :**

1. MonitorActivity – Monitors the processor from where it has an upstream connection to check for inactivity.
2. UpdateAttribute – Updates the processor Id for which monitoring and checking of errors is to be done.
3. ReplaceText – Flowfile content is replaced with the username and password required to make the API call for the access token.
4. InvokeHTTP – Used for the API call to get access token and to make the REST API call to the bulletin board.
5. ExtractText – Extracting access token from flowfile content into an attribute.
6. EvaluateJsonPath – Extracting the required error information into separate attributes.

### **Controller Services Used :**

1. StandardRestrictedSSLContextService – Helps in communicating with a secure API endpoint.

### **NOTE :**

1. StandardRestrictedSSLContextService controller service requires Truststore filepath and password for InvokeHTTP to be able to communicate with secure API endpoint (HTTPS).
2. InvokeHTTP processors require proxies to be configured.
3. The Id for processors changes if the processor is moved (or copy-pasted) within process groups or environment, thus the corresponding value getting updated in the UpdateAttribute processor should be changed explicitly.
4. The LogAttribute processors signify a logical termination. If further processing is required, other processors may be used in their place.