Solution Setup

TIBCO Cloud Integration - Flogo (Integration Solution)

The solution contains few TIBCO Cloud Integration - Flogo applications that acts as a backend for this solution.

Prerequisites:

- Google Service Account Subscription to configure the Google Connector to be used in the Google Doc Connector activities. Pls refer to the [documentation here](#).
- Valid subscription for DeepL Translation Service (you can create a free [trial account](#)).
- Valid Slack Account & Workspace to create Slack application. Refer to getting started with [Slack here](#).

Steps to step Flogo apps:

1. Download Smart_Contract_SlackIntegration-Solution.zip file, unzip it in /tmp/ directory. The Flogo applications are under /src/flogo/
   1.1. SmartContract_SlackBot.json (Public endpoints)
   1.2. SmartContract_Translator.json (Private endpoints)
   1.3. SmartContract_Analytics.json (Public visible)
2. Login to your TIBCO Cloud Integration subscription
3. Select Create/Import a new Flogo app and click on Create New App.
4. On the app details page, select the Import app option.
5. Browse and upload the JSON (SmartContract_SlackBot.json) file of the app to be imported (from step #2).
6. Once the app is imported, some generic errors and warnings pertaining to the app are listed. This step validates whether all the activities and triggers used in the app are available in the Extensions tab.
7. Users have an option to either selectively import specific flows or import all flows from the source app. Rename the app once it is imported successfully.
8. If a trigger in the previous dialog is not selected, the flows associated with that trigger are displayed. Users have an option to select one or more of these flows such that the flows get imported as blank flows that are not attached to any trigger. By default, all flows are selected. Uncheck the check box for the flows that you do not want to import. If your flow(s) have subflows, and you select only

the main flow but do not select the subflow, the main flow gets imported without the subflow.

9. Once the import process is completed, you will see different flows and triggers in the application.
10. Validate the application to see if there are any pending validations/errors. Ensure no errors/validations, push the application (click on push) for deployment and scale up the app instance (from 0 to 1)
11. Repeat the steps from 4 to 10 to import other Flogo applications available in the the /flog/src/ directory.

Post App Import Steps

Steps need to be performed after you import the applications into TIBCO Cloud Integration platform.

1. SmartContract_SlackBot

- In a **'Slack Events'** flow, configure the invoke rest api activity named 'SendToTranslation' to Cloud Mesh browsing **'SmartContract_Translator'** service for **/process** resource path.
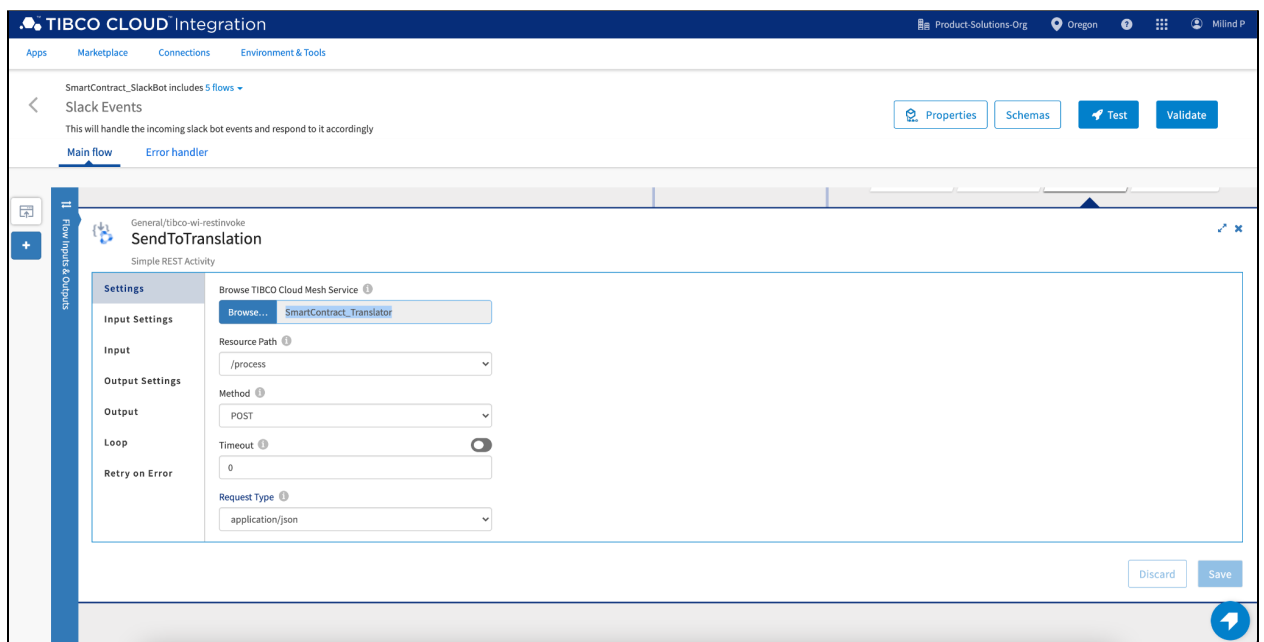
2. SmartContract_Translator

- In a NotifySlackBot flow, configure the invoke rest api activity named **'sendSlackNotif'** with an endpoint configured in the **SmartContract_SlackBot** App -> **SendResponseToSlackFileUploadRequest** with **/notifySlackThread** resource path.
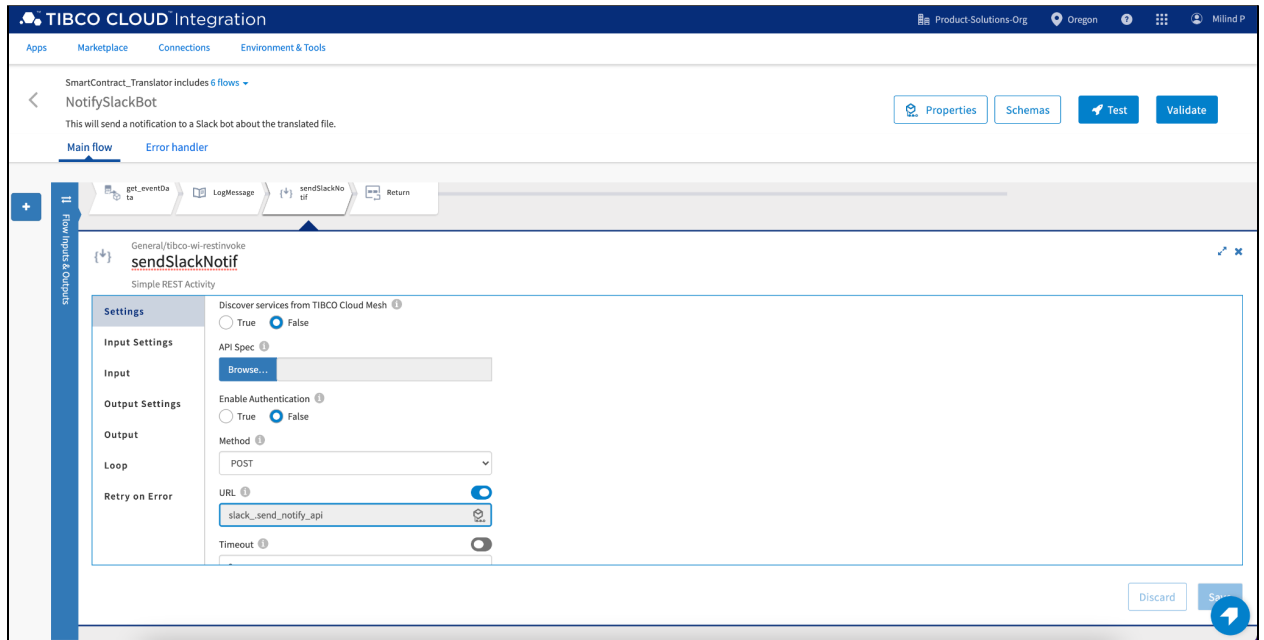
Updating Env Variables

For each flogo application, a set of environment variables are created and used that the user needs to update before deploying/starting the application. The user can change highlighted application variables in the **Environment controls** Section.

1. SmartContract_SlackBot

2. SmartContract_Translator

3. SmartContract_Analytics

SmartContract_Analytics   Owned By: Ajendra Joshi   TIBCO Cloud   v: 1.0.0   ⊘ Draft   🔒 Public   🏷 +Tags   ⊕ Add Marketplace Listing

Last modified at 09 Dec 2021 9:53 am | Created by: Ajendra Joshi | Application description

0 Instances   ⊘ Stopped   ⋮

| Flows | Endpoints | Monitoring | Environment controls | Logs | History |

No updates to push

Application variables

Engine variables

VPN connections

Hybrid connectivity

Name	Type	Value	
application	string	5495	LiveApps Application properties
MySQL.contract_demo.Connection_Retry_Delay	number	5	
MySQL.contract_demo.Database_Name	string	~~tibco_clm_database~~	MySQL DataBase Connection Details. These are imported from MySQL Connection
MySQL.contract_demo.Host	string	~~useprodademocloudgetsafe~~	
MySQL.contract_demo.Maximum_Connection_Lifetime	string	0	
MySQL.contract_demo.Maximum_Connection_Retry_Attempts	number	3	
MySQL.contract_demo.Maximum_Idle_Connections	number	2	
MySQL.contract_demo.Maximum_Open_Connections	number	0	
MySQL.contract_demo.Password	password	********	
MySQL.contract_demo.Port	number	3306	
MySQL.contract_demo.User	string	tibco_clm	
sandbox	string	6440	LiveApps Application properties
token	password	********	