

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.

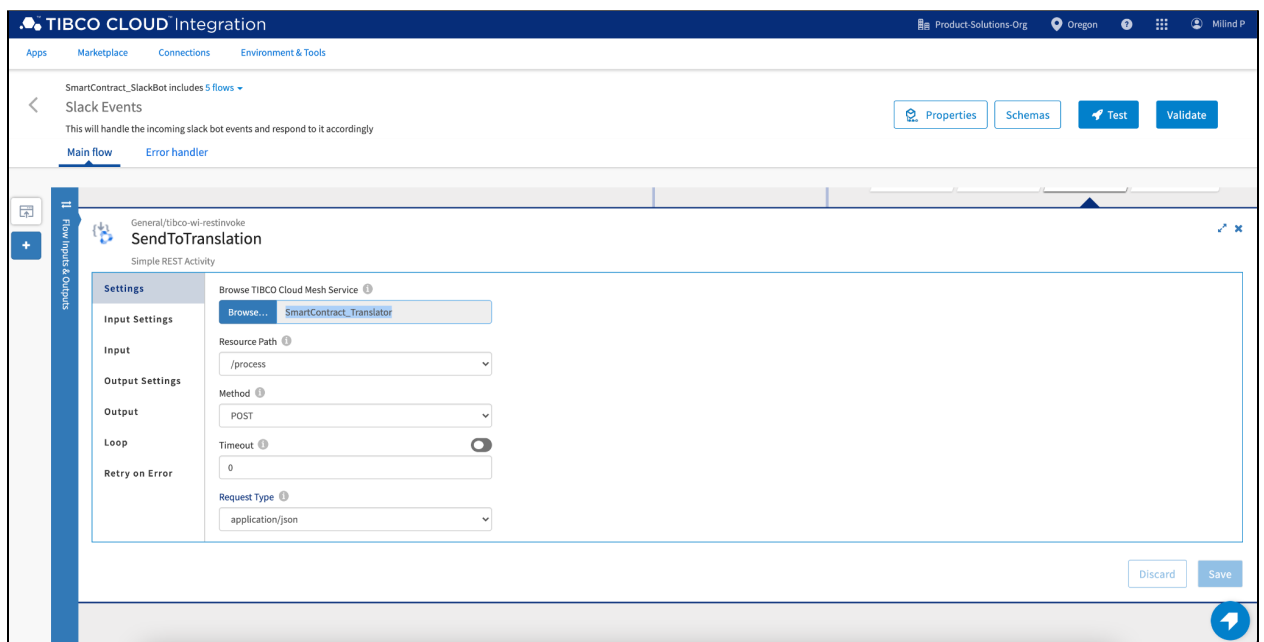
9. Once the import process is completed, you will see different flows and triggers in the application.
10. Validate the application to see if there are any pending validations/errors. Ensure no errors/validations, push the application (click on push) for deployment and scale up the app instance (from 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.

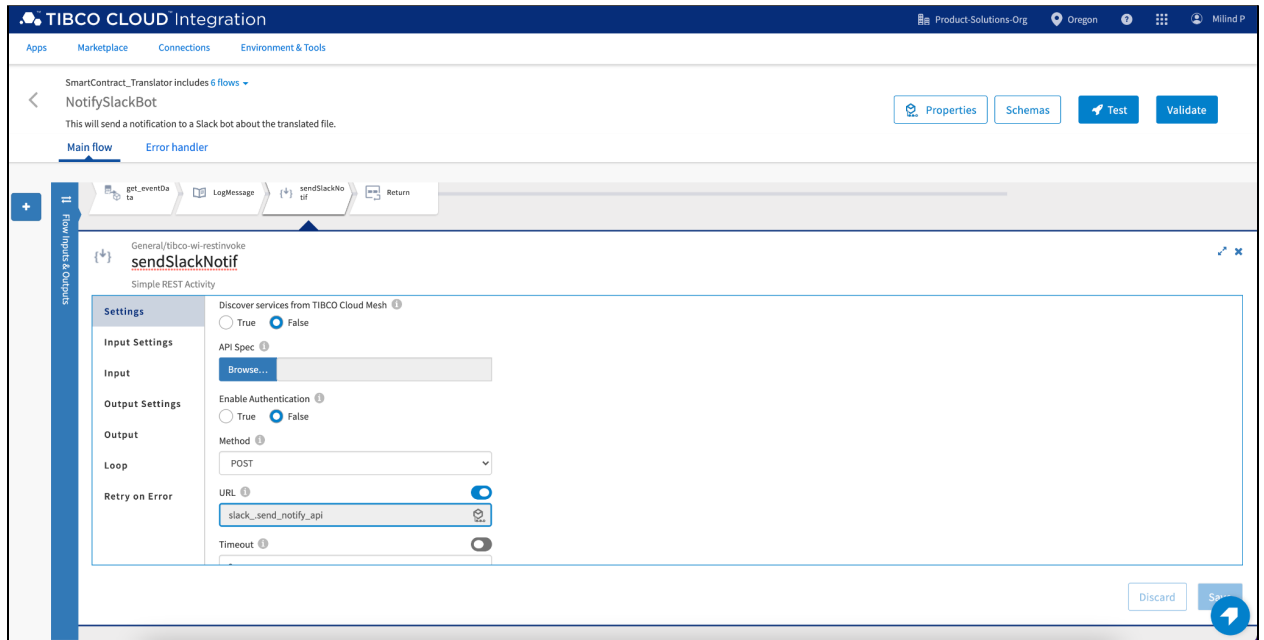
1. SmartContract_SlackBot

- 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

TIBCO CLOUD Integration

Product-Solutions-Org Oregon Millind P

Apps Marketplace Connections Environment & Tools

SmartContract_SlackBot Owned By: Millind Pandav TIBCO Cloud v: 1.0.0 Draft Public Tags: Bond Add Marketplace Listing

Last modified at 16 Nov 2021 2:07 pm Created by: Millind Pandav Slack bot Integration

1 Instances Running

Flows Endpoints Monitoring Environment controls Logs History

No updates to push

Application variables

Engine variables

VPN connections

Hybrid connectivity

Name	Type	Value
G_Drive.keep_ContractOnDrive	boolean	false
G_Drive.sourceFile_parentFolderID	string	1JQmJL60cd1iwAKRgMk_SAy
G_Drive.targetFile_parentFolderID	string	1QSk_x7DOegdDcMTcdASp8
Slack_Config.bot_token	string	xxxb-2333324391905-232689
Slack_Config.bot_username	string	smart contract automate
Slack_Config.channel	string	C029LS13PFE
Slack_Config.file_upload_api	string	https://slack.com/api/files.urf
Slack_Config.getUserProfile_api	string	https://slack.com/api/users.urf
Slack_Config.post_message_api	string	https://slack.com/api/chat.postMessage
Slack_Config.userList_api	string	https://slack.com/api/users.list

Google Drive Connector Configuration

Slack APIs and Configuration used

2. SmartContract_Translator

TIBCO CLOUD Integration

Product-Solutions-Org Oregon Millind P

Apps Marketplace Connections Environment & Tools

SmartContract_Translator Owned By: Millind Pandav TIBCO Cloud v: 1.0.0 Draft TIBCO Cloud Mesh Tags: Bond Add Marketplace Listing

Last modified at 10 Nov 2021 4:55 pm Created by: Millind Pandav Application description

1 Instances Running

Flows Endpoints Monitoring Environment controls Logs History

No updates to push

Application variables

Engine variables

VPN connections

Hybrid connectivity

Name	Type	Value
deepl_auth_key	string	27a26c5d-31b4-3c56-5649-f3
deepl_doc_download_api	string	https://api.deepl.com/v2/doc
deepl_doc_statusCheck_api	string	https://api.deepl.com/v2/doc
deepl_doc_upload_api	string	https://api.deepl.com/v2/doc
liveapps_artifact_upload_api	string	https://liveapps.cloud.tibco.com
liveapps_Oauth_token	string	CIC-VNU-nORm7LA8TvgcJ-X
liveapps_sandbox_id	string	6440
slack_bot_token	string	xxxb-2333324391905-232689
slack_send_caseDetails_msg	boolean	false
slack_send_notify_api	string	https://integration.cloud.tibco.com

DeepL Translation Service APIs URL
auth_key - to connect with service

TIBCO Cloud Integration - Automate (Liveapps) APIs URL
Oauth_Key - To auth & connect with LA APIs
Sandbox ID - LA app deployed on Set to default

Slack APIs URL
bot_token - to connect with Slack App APIs
send_caseDetails_msg - choice true if you want more msgs to sent in slack interaction with user

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	*****	
MySQL_contract_demo.Host	string	*****	MySQL DataBase Connection Details. These are imported from MySQL Connection
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	*****	

