Lesson 12 Triggering Messages

This exercise requires that you use **TrainingApp**, Guidewire Studio, and a supported web browser. Start **Guidewire Studio for TrainingApp**. Start the server as **Debug** 'Server'.

The default URL for **TrainingApp** is: http://localhost:8880/ab/ContactManager.do. Log in to **TrainingApp** as Super User whose login/password is **su/gw**.

Exercise 1: Configure an event aware entity and destination

Important!

The comprehensive scenario below is applicable to all the messaging exercises. Therefore, the specifications applicable to each messaging exercise will be listed in the Requirements section.

End of important information.

Exercise

Succeed Insurance must determine if a given contact has been involved with a previous act of insurance fraud. To implement their fraud prevention system, they must send a message to an external system for every new contact or for an existing contact whose tax ID is updated. The payload must be in XML format and must contain the contact's full name, tax ID, and a reference value generated by Guidewire to help identify the message. The external system must respond immediately to the fraud investigation request with a fraud report code.

External system information:

The WSDL URL to the external system is:

http://localhost:8890/ab/ws/externalapp/webservice/FraudReportAPI?WSDL

The authentication parameters are:

- Username:externalappuser
- Password: gw

Do not code the authentication parameters in the implementation code – use plugin parameters that are passed to the code.

API method checkForFraudReport requires the transformed payload as its argument.

The valid acknowledgment report codes are as follows:

- **1** – Request processed; no fraud report found
  - Acknowledge the message.
- **2** – Request processed; fraud report found!
  - Acknowledge the message.

- **4** – Request could not be processed (Payload Format Error)
  - Acknowledge the message with error using error category **Payload Format**.
- **5** – Request could not be processed (Database Unavailable)
  - Acknowledge the message with error using error category Database Contention.
- **Default** – Request could not be processed (Acknowledgment Code Invalid). If the error code returned from the external system is not valid, then acknowledge the message with error using a new error category called Acknowledgement Code Invalid.

For training purposes, output an acknowledgment message to console using the print statement.

12.1.1 Requirements

Spec 1 Verify ABContact entity is configured to trigger messages based on default events.

Spec 2 Create a new messaging destination called Fraud Check.

- ID = 30
- Name = Fraud Check
- Transport Plugin = DefaultPrintToConsoleTransport
- Subscribe to events that trigger for new or modified contacts.

Tip

Do not change default connectivity and error parameters.

12.1.2 Tasks

1. **Verify ABContact entity delegates to EventAware delegate.**
2. **Create a new messaging destination called Fraud Check.**
3. **Deploy code changes.**
4. **Perform verification steps.**

12.1.3 Verification steps

1. **Launch TrainingApp.**
2. **Verify the new destination in Administration screen.**

   a) Navigate to **Administration ➔ Training: Messaging**.
   b) Click on the **Message Administration** link.
   c) Verify the **Fraud Check** destination status is **Started**.