Lab: Messaging Triggering

In this lab, you will start building the first stage of the messaging integration point: message triggering. Message triggering requires an entity with the EventAware delegate, an Event Fired rule, and a messaging destination that both subscribes to the entity delegate events and defines the related message plugins.

In later message labs, you will continue to build and configure the other messaging stages.

Requirements

This lab requires that you use TrainingApp 8.0, Guidewire Studio 8.0, and Chrome as your web browser.

To view, edit, and delete various contacts, log in to TrainingApp as Super User. The default URL for TrainingApp is <http://localhost:8880/ab/ContactManager.do>. The login/password for Super User is su/gw.

1. Event Fired Rules and Message Destination

For existing ABContacts with a modified Tax ID and for newly created contacts of the type ABContact, TrainingApp must determine if the given contact has been involved with a previous act of insurance fraud.

In this exercise, you will first create Event Fired rules that trigger the message for the Fraud Check message destination. Then, you will first create a messaging destination called Fraud Check that implements the DefaultPrintToConsoleTransport plugin. You will configure your Fraud Check messaging destination to listen for specific ABContact events.

Configuration

1. Create the Event Fired rules for Fraud Check
2. In Guidewire Studio, create Event Fired Rules for newly created ABContacts and for existing ABContacts that have a change in their Tax ID field value.
3. Create a message payload that prints to the console the following:  
   Fraud Check for <contact's display name>.
4. Create the Fraud Check message destination
5. In Guidewire Studio, create a message destination named Fraud Check.
6. Implement the DefaultPrintToConsoleTransport plugin as the Transport Plugin.
7. Configure the messaging destination to listen to necessary ABContact events.

Write it down

What events have assigned to the Fraud Check messaging destination?

|  |
| --- |
|  |

Verification

In TrainingApp, ABContact is a safe ordered entity. If TrainingApp creates one or more messages to send to the same destination for the same ABContact, TrainingApp will not send the subsequent message until after it receives acknowledgement for the first message because ABContact is a safe ordered entity.

To verify your implementation task, you must use a different contact for each verification test that you execute. If you use the same contact, safe ordering will inherently prevent the sending of subsequent messages until after receipt of the acknowledgement of the first message.

There are several ways to view the console output: the Windows command console for a running instance of TrainingApp, the Run Console in Guidewire Studio, and the Debug Console in Guidewire Studio. The recommended practice is to Debug the Server from Guidewire Studio.

1. Verify the console output for the Fraud Check for a new contact
2. In TrainingApp, create a new contact of the type ABContact.
3. Verify the Console output for the Fraud Check.
4. Verify the console output for the Fraud Check for a modified Tax ID of a contact
5. In TrainingApp, edit an existing contact, for example, Jacob Rankin.
6. In Details, modify the Tax ID.
7. Verify the Console output for the Fraud Check.
8. For a modified contact where that Tax ID is not changed, confirm that there is no console output for the Fraud Check
9. In TrainingApp, edit an existing contact other than Jacob Rankin, for example, William Robert.
10. In Details, modify the Date of Birth.
11. Verify that there is no Console output for the Fraud Check.
12. View the Fraud Check messages in the Message Table
13. In TrainingApp, navigate to the Message Table: Administration tab 🡪 Training: Messaging 🡪 Message Table.
14. Verify that the Fraud Check messages appear in the table for each contact with the correct event and destination.

Write it down

What is the Event Name for the newly create contact in the Message Table? What is the destination? What is Event Name for the modified Tax ID contact? What is the destination?

|  |
| --- |
|  |

|  |  |
| --- | --- |
|  | Stop and ask your instructor to review your completed lab. |