Lab: Messaging Introduction

In this lab, you will answer questions about messaging behaviors in TrainingApp and some of the resources that enable this behavior in Studio.

Requirements

This lab requires that you use TrainingApp 8.0, Guidewire Studio 8.0, and Chrome as your web browser. Start Guidewire Studio for Training App. Debug the Server.

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. Triggering Messages

In this exercise, you will create, edit, and then delete a bank account. You will verify messaging behavior in the Debug Console window of Guidewire Studio.

Investigation

1. Create a checking bank account for William Andy
2. In TrainingApp, view the William Andy contact.
3. From the Details screen, go to the Bank Accounts tab.
4. Create a bank account of the type Checking.
5. Verify the message in the Debug Console
6. Review the Debug Console in Guidewire Studio.

Write it down

Was a message created? If so, what triggered the message? What is the message number?

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| Yes. The Update triggered some type of event the fired. The message number is (a three or four digit numeric value. Answers can vary). |

1. Modify the bank account
2. In the Bank Account tab, click edit.
3. Modify the routing number for the checking bank account.
4. Verify message in the Debug Console
5. Review the Debug Console in Guidewire Studio.

Write it down

Was a message created? If so, what triggered the message? What is the message number?

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| Yes. The Update triggered some type of event the fired. The message number is (a three or four digit numeric value. Answers can vary). |

1. Delete the bank account
2. In the Bank Account tab, click edit.
3. Delete the checking bank account.
4. Verify message in the Debug Console
5. Review the Debug Console in Guidewire Studio.

Write it down

Was a message created? Why or why not?

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| No. The message was not created. One reason is that there is no deletion rule for an account because it does not make sense to verify a bank account that no longer exists. |

1. Review the Messaging configuration in Guidewire Studio
2. In Project view, navigate to messaging-config.xml.
3. View the details for Bank Account Verification.

Write it down

What are the events associated with Bank Account Verification? How do these events relate to the messages in the Debug Console window?

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| The events are BankAccountAdded and BankAccountChanged.  When an account is created, the BankAccountAdded event fires a message.  When an account is modified, the BankAccountChange event fires a message. |

1. Payload Generation

In this exercise, you will investigate the rules associated with message generation for the bank accounts.

Investigation

1. Create a Savings and Retirement account for William Andy
2. From the Details screen, go to the Bank Accounts tab.
3. Create a bank account of the type Savings. Do **NOT** click Update!
4. Click Add and create another bank account of the type Other.
5. Click Update.
6. Verify message in the Debug Console
7. Review the Debug Console in Guidewire Studio.

Write it down

Describe the primary differences between the created messages.

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| One message payload is in text format as comma-delimited pairs of values.  The other message payload is in XML format. |

1. Review the EventFired Rule Set in Guidewire Studio
2. In Project view, navigate to Rule Sets 🡪 EventMessage 🡪EventFired.

Write it down

What is the name of the rule that generates messages and payloads for bank account verification? What is the difference between payloads based on the Account Type?

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| BAEF1111 – FieldChanged is the rule that generates messages. Saving accounts use the Gosu template. Other accounts use the XML model. |

1. Sending messages and processing replies

In this exercise, you will modify William Andy's bank accounts. After each change, you will investigate how the related messages are processed. Pending messages take between 3 and 5 seconds to process.

Investigation

1. Modify a bank account for William Andy
2. From the Details screen, go to the Bank Accounts tab.
3. Modify one the bank accounts.
4. View the Message table
5. Navigate to the Message Table: Administration 🡪Training : Messaging 🡪 Message Table.

Write it down

For the modified bank account, what is the Mg ID? What is the Status?

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| The message number is (a three or four digit numeric value. Answers can vary).  The status is Pending send (1). |

1. View the MessageHistory table
2. Navigate to the Message Table: Administration 🡪Training : Messaging 🡪 MessageHistory Table.

Write it down

Are any of the messages from the Message Table now in the MessageHistory ListView? If so, what is the status of each message?

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| Acknowledged (10) |

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