

Lesson 11 Entity Names

"We defined a new format to display interactions in the UI. This will help users to easily identify additional information about each interaction. The same format may be needed at multiple places later, so it needs to be easily reusable and performant. The Interaction date should be displayed in the string format shown in the wireframe below. Only limited information should be retrieved from the database to construct the string values for interaction date." – Insurance company business analysts

Required display of InteractionsLV:

The screenshot shows a web browser window for the "Guidewire TrainingApp" (DEV mode - 9.0.15). The URL is <http://localhost:8880/ab/ContactManager.do>. The page title is "TrainingApp". The top navigation bar includes "Search", "Contact", "Administration", and "Go to (Alt+/)". The left sidebar menu has items: "Actions", "Summary", "Details", "Addresses (1)", "Notes (0)", "Social Media", "Analysis", "Interactions" (which is selected and highlighted in blue), and "History". The main content area is titled "Interactions" and contains a table with three columns: "Date", "Summary", and "Associated User". The table rows show:

Date	Summary	Associated User
<input type="checkbox"/> (2 days in the future) 2016-06-25 : Email	Send Reminder	Alice Applegate
<input type="checkbox"/> 2016-06-23 : Fax	Check bill status	Bruce Palmer
<input type="checkbox"/> (No Date) : Phone	Courtesy	

A yellow callout box with a black arrow points to the first row's date column, containing the text: "Display the new interaction entity name format in the interaction list view".

As a configuration developer, you want to be able to create entity names, so that you can define reusable, UI friendly names for entity instances. In this lab, you will use the Entity Name editor to create an entity name for the Interaction entities. The interaction date field will display a string constructed in the format shown above. Then, you will modify the Interactions list view to display the entity name.

11.1 Prerequisites

You must first complete the following previous lesson(s):

- Creating New Entities
- List Views
- Editable List Views

- Typelists
- Popups

For this lab, use TrainingApp, Guidewire Studio, and a supported web browser.

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

11.2 Lab: Create and reference an entity name

In this lab, you will first create the entity name for the Interaction_Ext entity. Then, you will modify the InteractionsLV.pcf file to display the entity name.

1. **Create an Interaction_Ext entity name**
2. **Create the following variables in the variable table**
 - a) Add the `interactionDate` variable with the entity path `Interaction_Ext.InteractionDate`
 - b) Add the `channel` variable with the entity path `Interaction_Ext.Channel`
3. **Define the Default name that returns one of the following three formats using the `interactionDate` and `channel` variables**
 - a) If the date is null, then return the following:
(No Date): ChannelType
 - b) If the date is more than one (1) day in the future, then return the following:
(# days in the future) YYYY-MM-DD: ChannelType
 - c) Otherwise, return the following:
YYYY-MM-DD: ChannelType
4. **Modify the InteractionsLV.pcf**
 - a) Open the InteractionsLV.pcf
 - b) Change the Date Cell widget to a Text Cell widget
 - c) Configure the Text Cell widget to...
 - be read-only
 - show the new `Interaction_Ext` entity name for the `currentInteraction` object
5. **Restart the server to deploy all the changes**

11.2.1 Verification



Activity

Verify the work you have done

1. Log in to TrainingApp as Alice Applegate
2. Edit the Interactions page for William Andy
 - a) Navigate to William Andy
 - b) In the sidebar menu, click Interactions
 - c) Create an interaction in the future: enter a date that is more than one (1) day in the future; also specify Channel Type, Interaction, and Reason fields
 - d) Create an interaction with no interaction date: leave the Date field blank; also specify Channel Type, Interaction, and Reason fields

- e) Create an interaction with today's date: enter today's date for the Date field; specify Channel Type, Interaction, and Reason fields

TrainingApp Search | Contact |

Actions Person: William Andy

Summary Interactions

Details

Addresses (3)

Notes (5)

Social Media

Analysis

Interactions

History

Edit

Date	Summary	Associated User
(2 days in the future) 2018-10-13 : Email	Send reminder	Alice Applegate
2018-10-11 : Fax	Courtesy contact	Bruce Baker
(No Date) : Phone	Check Bill Status	Bruce Baker

