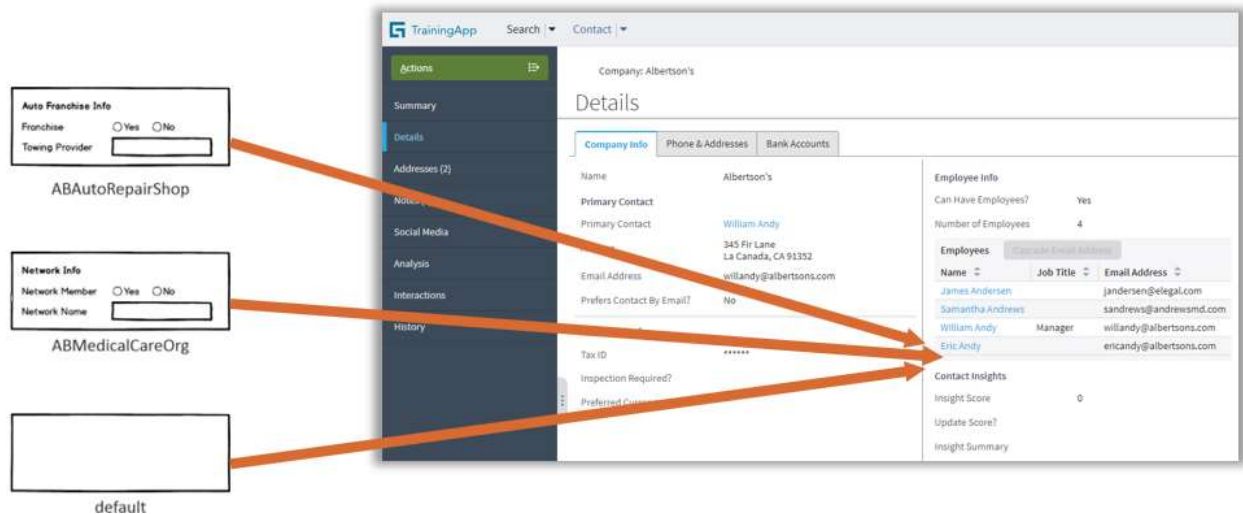


Lesson 10 Modes

“An insurance company has additional “Specialty Info” details for ABAutoRepairShop contacts and ABMedicalCareOrg contacts that the current user interface does not display. In each case, the Company Info card should display these fields below Employees list. See the wireframe for more details.” – Insurance company business analysts



As a configuration developer, you want to be able to create and reference modal container sets, so you can design different variations for a small part of a screen. In this lab, you will create several modal Input Sets.

10.1 Prerequisites

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`.

10.2 Lab: Create a set of modal Input Sets

In this part of the lab, you will create a set of modal Input Sets, each of which has an `ABContact` root object, in the traininglabs PCF Folder. Remember, every PCF file in the set must have the same name, same type and same required variable list.

1. Create `SpecialtyInfoInputSet.default.pcf` :

- Create Input Set in the `traininglabs` folder and specify the mode “default”

- b) Specify a root object of the type ABContact
- c) This input set needs no widgets and should be empty

2. Create the SpecialtyInfoInputSet.ABAutoRepairShop.pcf for ABAutoRepairShop contacts :

- a) Create Input Set in the `traininglabs` folder and specify the mode “ABAutoRepairShop”
- b) Specify a root object of the type ABContact
- c) Add the following widgets:
- d) A label widget that displays “Auto Franchise Info”
- e) An editable input widget labeled “Franchise” that displays ABAutoRepairShop’s `IsFranchise` field
- f) An editable input widget labeled “Towing Provider” that displays ABAutoRepairShop’s `TowingProvider` field

3. Create the SpecialtyInfoInputSet.ABMedicalCareOrg.pcf for ABMedicalCareOrg contacts :

- a) Create Input Set in the `traininglabs` folder and specify the mode “ABMedicalCareOrg”
- b) Specify a root object of the type ABContact
- c) Add the following widgets:
 - A label widget that displays “Network Info”
 - An editable input widget labeled “Network Member” that displays ABMedicalCareOrg’s `IsMemberOfNetwork` field
 - An editable input widget labeled “Network Name” that displays ABMedicalCareOrg’s `NetworkName` field

4. Use Studio’s code generation feature to process the PCF file and generate all the resources

- a) If possible, use incremental code generation
- b) Verify that there were no errors during code generation
- c) Verify that you can see generated resources (`.gs`, `.pcf`, `Expressions.gs`)



Hint

Configuring input widgets

Remember, you will have to select a specific input widget based on the data type of the field. You can always use the Data Dictionary, the generated Java class, and the widget reference table to find out the name, database type and Gosu type of the field that needs to be displayed.



Hint

Required variables vs variables

The required variables tab defines the input parameters for a container, while the variables tab defines local variables to store values temporarily. (E.g. storing the result of an expensive function call to use it at multiple places in the PCF)

10.3 Lab: Reference the set of modal Input Sets

In this lab, you will reference the set of modal Input Sets.

1. **Add a reference to the modal container set on the Details screen's Company Info card directly under the Employees list.**
 - a) Navigate to a company contact's Details screen
 - b) Open the PCF file in Studio
 - c) Add the Input Set Ref widget below the Employees list in the correct PCF file

10.3.1 Verification



Activity

Verify the work you have done

1. Log in to TrainingApp as Alice Applegate
2. Use the appropriate shortcut to deploy the changes
3. Navigate to the Details screen of an ABAutoRepairShop (e.g. Burlingame Saab) contact and verify that the “Auto Franchise Info” is displayed
4. Navigate to the Details screen of an ABMedicalCareOrg (e.g. Health South) contact and verify that the “Network Info” is displayed
5. Navigate to the Details screen of a contact that is neither ABAutoRepairShop nor ABMedicalCareOrg (e.g. Alberson’s). Verify that the default Input Set is displayed.

Auto Repair Shop: Burlingame Saab

Details

Company Info	Phone & Addresses	Bank Accounts	Vendor Info						
Name	Burlingame Saab								
Primary Contact									
Primary Contact									
Address	<empty>								
Email Address									
Additional Info									
Tax ID	*****								
Inspection Required?									
License									
Employee Info									
Can Have Employees? Yes									
Number of Employees 0									
Employees Cascade Email Address									
<table><thead><tr><th>Name</th><th>Job Title</th><th>Email Address</th></tr></thead><tbody><tr><td colspan="3">No data to display</td></tr></tbody></table>				Name	Job Title	Email Address	No data to display		
Name	Job Title	Email Address							
No data to display									
Auto Franchise Info									
Franchise									
Towing Provider									
Financial Personnel									

Details

- Company Info
- Phone & Addresses
- Bank Accounts
- Vendor Info

Name Health South

Primary Contact

Primary Contact

Address <empty>

Email Address

Additional Info

Tax ID *****

Inspection Required?

Specialty Anesthesiology

Employee Info

Can Have Employees? Yes

Number of Employees 0

Employees Cascade Email Address

Name	Job Title	Email Address
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No data to display

Network Info

Network Member

Network Name

Financial Personnel

