

## Lesson 7 Introduction to Locations

The business analysts of an insurance company sent the following user stories:

TrainingApp Search Contact

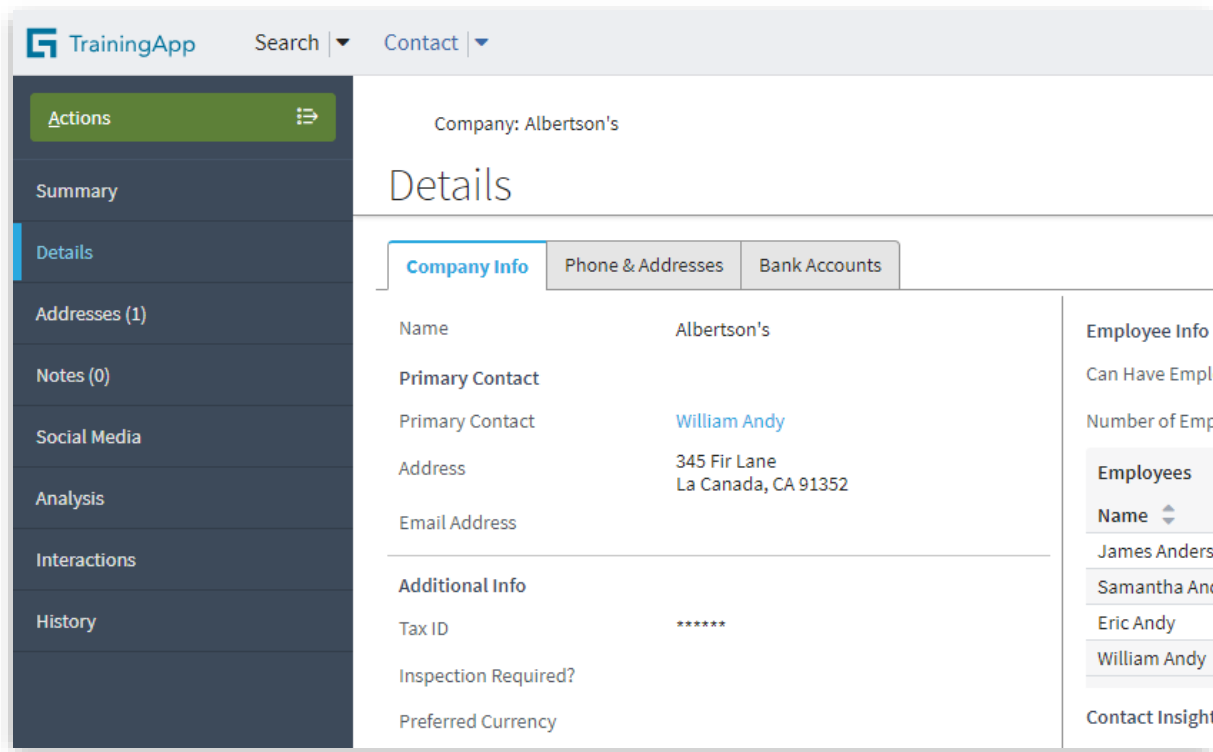
Person: William Andy

### Details

Person Info Phone & Addresses Bank Accounts

Name	Employment Info
Full Name: William Andy	Occupation
Prefix	Employer: <a href="#">Albertson's</a>
First Name: William	License Info
Middle Name	Driver's License
Last Name: Andy	State
Suffix	Contact Insights

**Location User Story #1:** *“Let’s say we look at a person, e.g. William Andy, and we want to know more details about his employer. Currently the only way to navigate to the employer is searching for it based on the company name. We want to make the employer widget clickable on the person’s Person Info card on the Details page. When the user clicks on it, it should navigate to the Company Info card on the Details page of the company.”* – Insurance company business analysts



**Location User Story #2:** *“When we look at a company, e.g. Albertson’s, we can see that it has a Primary Contact. However, currently the only way to know more about that contact is searching for him/her based on the name. We want to make the name of the primary contact navigable, so if the user clicks on it the system will display the Person Info card on the Details page of the person.”* – Insurance company business analysts

## 7.1 Prerequisites

For this exercise, 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.

## 7.2 Lab: Location user story #1

*“We want to make the employer widget clickable on the person’s Person Info card on the Details page. When the user clicks on it, it should navigate to the Company Info card on the Details page of the company.”* – Insurance company business analyst

## 7.2.1 Write it down

1. Question: What is the name of the destination PCF file? What is the entry point signature?

2. Question: What is the name of the source PCF file?



Stop

## 7.2.2 Configuration

1. Open Guidewire Studio
  - a) From the TrainingApp folder, open a command window and start Guidewire Studio for TrainingApp.
  - b) Alternatively, use the Start TrainingApp Studio shortcut.
2. Run or Debug the TrainingApp project
  - a) Use the main menu, toolbar, or keystroke to run or Debug the server.
  - b) Verify that the Run or Debug Console tab shows \*\*\*\*\* ContactManager ready \*\*\*\*\*.
3. Modify the Employer widget to link to the Employer's Details page

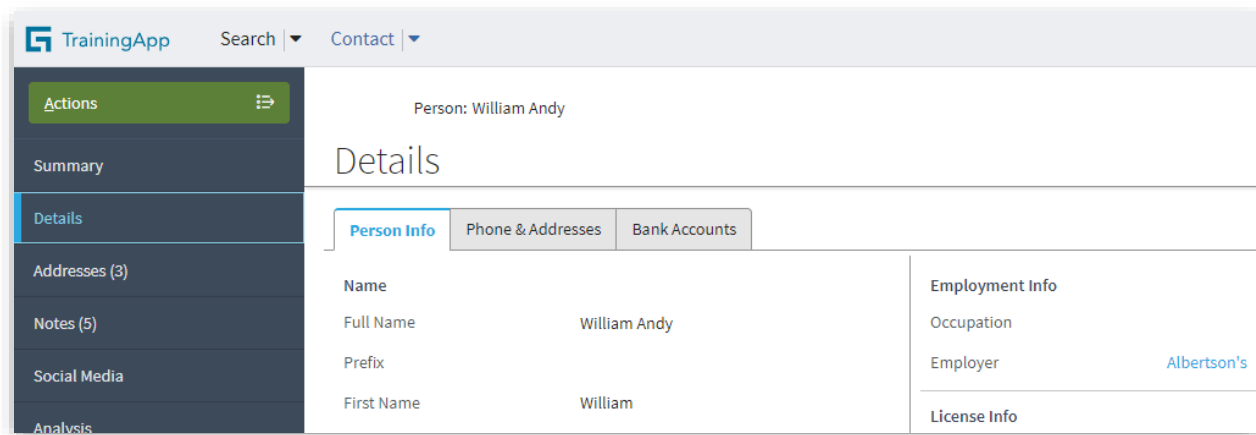


Figure 1 Source

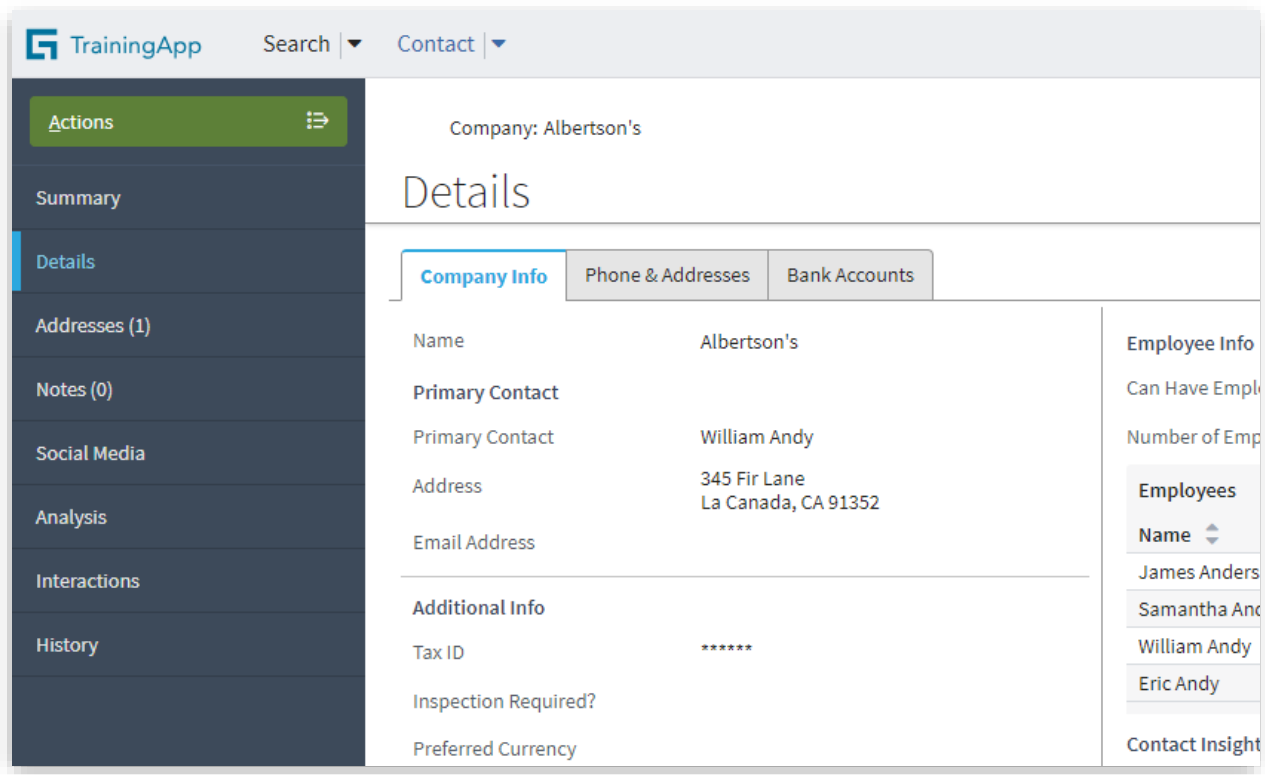


Figure 2 Destination



## Hint

Troubleshooting “Widget is not clickable after configuration”

If you configured the source widget’s `action` property and reloaded the PCF changes, but the widget is still not clickable: verify that you are passing in the right data to the destination page. For example, if you wrote this:

```
ABCompanyDetailsPage.go(anABContact)
```

in the widget’s action property, then use the `ALT + SHIFT + W` shortcut in the browser to verify what is data in the `anABContact` variable. If it is not the employer, then use the Data Dictionary to find out how you can get access to an `ABPerson`’s Employer.



## Guidewire API

The `action` property

Most atomic widgets have the `action` property. This can be set to a Gosu statement. When set, the atomic widget becomes clickable and when clicked, the Gosu statement is executed.

### 7.2.3 Verification



## Activity

Verify the work you have done

#### 1. Reload the PCF changes

- In TrainingApp, reload the changes to the PCF file(s) and display keys.

#### 2. Go to the Details page for William Andy

- Click on edit and select Albertson's as the employer
- Click on update
- Verify that Albertson's is displayed as a link

- Verify if you click on the Albertson's link the application displays the Details page of Albertson's

TrainingApp

Search
Contact

Actions

Summary

Details

Addresses (1)

Notes (0)

Social Media

Analysis

Interactions

History

Company: Albertson's

Details

Company Info

Phone & Addresses

Bank Accounts

Name

Albertson's

Primary Contact

William Andy

Address

345 Fir Lane  
La Canada, CA 91352

Email Address

Additional Info

Tax ID

\*\*\*\*\*

Inspection Required?

Preferred Currency

Employee Info

Can Have Employees?

Yes

Number of Employees

4

Employees

Cascade Email Address

Name

Job Title

James Andersen

Samantha Andrews

William Andy

Eric Andy

Contact Insights

## 7.3 Lab: Location user story #2

### 7.3.1 Write it down

*“We want to make the name of the primary contact navigable, so if the user clicks on it the system will display the Person Info card on the Details page of the person.”* – Insurance company business analyst

1. Question: What is the name of the destination PCF file? What is the entry point signature?

2. Question: What is the name of the source PCF file?



Stop

## 7.3.2 Configuration

1. Modify the Primary Contact widget so that it links to the person's Details page.

TrainingApp Search | Contact |

Company: Albertson's

### Details

**Company Info** Phone & Addresses Bank Accounts

Name Albertson's

Primary Contact

Primary Contact William Andy

Address 345 Fir Lane  
La Canada, CA 91352

Email Address

**Additional Info**

Tax ID \*\*\*\*\*

Inspection Required?

Preferred Currency

**Employee Info**

Can Have Emplo

Number of Emp

**Employees**

Name

James Anders

Samantha Anc

Eric Andy

William Andy

**Contact Insight**

Figure 1 Source

TrainingApp Search | Contact |

Person: William Andy

### Details

**Person Info** Phone & Addresses Bank Accounts

**Name**

Full Name William Andy

Prefix

First Name William

Middle Name

Last Name Andy

Suffix

**Employment Info**

Occupation

Employer Albertson's

**License Info**

Driver's License

State

**Contact Insights**

Figure 2 Destination



### Hint

Troubleshooting “You do not have the permission required to perform this action: ABCompanyDetailsPage”



### Hint

In InsuranceSuite 9 and earlier, if the company does not have a primary contact, there is no visible link, but the widget is still clickable. If you click on the empty link, TrainingApp will throw an error. If you are working in one of these versions, you must configure the `available` property to fix this:

```
(anABContact as ABCompany).PrimaryContact != null or CurrentLocation.InEditMode
```

## 7.3.3 Verification



### Activity

Verify the work you have done

#### 1. Reload the PCF changes

- a) In TrainingApp, reload the changes to the PCF file(s) and display keys.

#### 2. Go to the Details page for Alberton's

- a) If William Andy is not already the primary contact than click on Edit, select William Andy from the drop down list and click on Update.
  - Note#1: You can select a Primary Contact only from the list of employees.
  - Note#2: If the list of employees is empty, then navigate to William Andy's Details Page and set Albertson's as his employer.
- b) Verify that William Andy is displayed for the Primary Contact as a link



TrainingApp
 Search | Contact |

**Actions**

Summary

**Details**

Addresses (1)

Notes (0)

Social Media

Analysis

Interactions

History

Company: Albertson's

## Details

**Company Info**

Phone & Addresses

Bank Accounts

Name	Albertson's
<b>Primary Contact</b>	
Primary Contact	<a href="#">William Andy</a>
Address	345 Fir Lane La Canada, CA 91352
Email Address	
<b>Additional Info</b>	
Tax ID	*****
Inspection Required?	
Preferred Currency	

**Employee Info**

Can Have Employees


Number of Employees

**Employees**

Name
James Anderson
Samantha Anderson
Eric Andy
William Andy

Contact Insights

c) Verify if you click the link on the Primary Contact the application displays the Details page of William Andy


TrainingApp

Search
Contact

Actions

Summary

Details

Addresses (3)

Notes (5)

Social Media

Analysis

Interactions

History

Person: William Andy

Details

Person Info

Phone & Addresses

Bank Accounts

Name		Employment Info	
Full Name	William Andy	Occupation	
Prefix		Employer	Albertson's
First Name	William	License Info	
Middle Name		Driver's License	
Last Name	Andy	State	
Suffix		Contact Insights	



## 7.4 Lab Solution: Location user story #1



### 7.4.1 Write it down

1. Question: What is the name of the destination PCF file? What is the entry point signature?

ABCompanyDetailsPage.pcf

ABCompanyDetailsPage(anABContact : ABContact)

2. Question: What is the name of the source PCF file?

ABContactDetailsPersonDV.pcf

### 7.4.2 Configuration

1. Modify the Employer widget's action property in ABContactDetailsPersonDV.pcf:

```
ABCompanyDetailsPage.go((anABContact as ABPerson).Employer)
```

ABContactDetailsPersonDV.pcf x

Detail View : ABContactDetailsPersonDV anABContact

Input Column

**Name**

Full Name (anABContact as ABPerson).FullNa...  
 Prefix (anABContact as ABPerson).Pre...  
 First Name (anABContact as ABPerson).FirstNa...  
 Middle Name (anABContact as ABPerson).Middle...

**Employment Info**

Occupation (anABContact as ABPerson).Occup...  
 Employer (anABContact as ABPerson).Em...  
 Input Set Ref  
 Shared section mode ARAdiudicator

Page Configuration Text

Properties: Properties Layout config Reflection PostOnChange

Range Input

▼ Basic properties

editable	true
id*	Employer
label	DisplayKey.get("Training.Employer")
required	
value*	(anABContact as ABPerson).Employer
valueRange*	queryForCompaniesWhoCanHaveEmployees()
valueType*	ABCompany

▼ Advanced properties

action	ABCompanyDetailsPage.go((anABContact as ABPerson).Employer)
actionAvailable	
align	<none selected>
available	(anABContact as ABPerson).Employer != null or CurrentLocation.InEditMode

## 7.5 Lab Solution: Location user story #2



### Solution

#### 7.5.1 Write it down

1. Question: What is the name of the destination PCF file? What is the entry point signature?

**Name:** ABPersonDetailsPage.pcf, **Entry point:** ABPersonDetailsPage(anABContact : ABContact)

2. Question: What is the name of the source PCF file?

ABContactDetailsCompanyDV.pcf

## 7.5.2 Configuration

### 1. Modify the Primary Contact widget's action property in ABContactDetailsCompanyDV.pcf:

```
ABPersonDetailsPage.go((anABContact as ABCompany).PrimaryContact)
```

The screenshot displays the SAP UI5 Designer interface for the `ABContactDetailsCompanyDV.pcf` component. The top section shows the design view with various input fields and buttons. The `Primary Contact` widget is highlighted with a blue border. Below the design view, the `Properties` tab is active, showing the configuration for the `Range Input` widget.

**Range Input Properties:**

Basic properties	
<code>editable</code>	<code>true</code>
<code>id*</code>	<code>PrimaryContact</code>
<code>label</code>	<code>DisplayKey.get("Training.PrimaryContact")</code>
<code>required</code>	
<code>value*</code>	<code>(anABContact as ABCompany).PrimaryContact</code>
<code>valueRange*</code>	<code>(anABContact as ABCompany).Employees</code>
<code>valueType*</code>	<code>ABContact</code>

Advanced properties	
<code>action</code>	<code>ABPersonDetailsPage.go((anABContact as ABCompany).PrimaryContact)</code>
<code>actionAvailable</code>	
<code>align</code>	<code>&lt;none selected&gt;</code>
<code>available</code>	<code>(anABContact as ABCompany).PrimaryContact != null or CurrentLocation.InEditMode</code>