

Lesson 1 Introduction to Guidewire Configuration

As a new configuration developer, you will explore the development tools and learn about the basic functionality of TrainingApp so that you can easily extend the functionality later.

In this lab, you will start Guidewire Studio, start a development instance of TrainingApp from Studio, and then log in to TrainingApp. In TrainingApp, you will search for contacts and create new contacts. You will end this lab by exiting Guidewire Studio and stopping the application.

1.1 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**.

1.2 Lab: Working with Guidewire Studio

In this exercise, you will open Guidewire Studio. You will then start and stop the TrainingApp server from Guidewire Studio.

1. Open Guidewire Studio

- a) Open a command window from the **C:\GW10\TrainingApp** folder.
- b) In the command window, start Guidewire Studio for TrainingApp. Note: Alternatively, use the Start TrainingApp Studio shortcut.

2. Start TrainingApp in debug mode

- a) Use the main menu, toolbar, or keystroke to start TrainingApp in debug mode.

3. Verify that you are running TrainingApp

- a) Verify that the Debug console is open.
- b) Verify that the Console tab shows ***** ContactManager ready *****



Hint

Opening a command from the command window

To open a new command window from a folder, hold down the Shift key on the keyboard and use your mouse to right-click on the TrainingApp folder. From the context menu select the Open command window here option.



Hint

Running tasks from the command window

If you cannot recall the exact name of the task you want to execute you can always run the following command:

```
C:\GW10\TrainingApp\gwb tasks
```

This will display the documentation of all the available tasks.

Write it down

What are the two ways that you can run TrainingApp from Guidewire Studio?

1.3 Lab: Explore TrainingApp

In this exercise, you will log in to TrainingApp as Alice Applegate. As Alice Applegate, you will search for contacts and create new contacts. Then, you will log out of TrainingApp. Finally, you will stop TrainingApp from Guidewire Studio.

1. Log in to TrainingApp as Alice Applegate.
2. Search for contacts with the last name Smith and review the search results.

Write it down

How many contacts have the last name Smith?

Describe the contact types with the last name Smith.

1.4 Lab: Create contacts

In this part of the exercise, you will create new contacts in TrainingApp.



Important!

Select the right contact type

From the Actions menu you can create many different types of contacts in TrainingApp. When creating the contacts in the next part, check all the available sub-menus and select the most specific type.

1. Create a contact of the type Law Firm

- a) Specify the following details:

Field Name	Value
Name	Celebrity Law Office
Tax ID (EIN)	11-1234567
City	Hollywood
State	California

2. Create a contact of the type Autobody Repair Shop

- a) Specify the following details:

Field Name	Value
Name	Celebrity Collision Repair
Tax ID (EIN)	22-1234567
City	Los Angeles
State	California

3. Search for contacts with the name Celebrity

- a) Review the search results.
- b) View the details for each contact in the results.



Best practice



Regenerate the data dictionary

Regenerating the data dictionary after making data model changes is a best practice because it creates current documentation for the data model. In addition, the build process for the data dictionary can identify issues beyond schema validation such as referential integrity in the data model.

Write it down

On the Details screen for the Law Firm, in the Additional Info section, review the available fields. Next, review the available fields in the Additional Info section for the Autobody Repair Shop. Which fields differ between the Law Firm and the Autobody Repair Shop?

1. Log out of TrainingApp

- a) In the Settings menu, select Log Out Alice Applegate.

2. Stop TrainingApp from Guidewire Studio

- a) Stop the Debug 'Server' process.

Write it down

After stopping the server from Guidewire Studio, are you able to navigate in the TrainingApp web application? What is the browser error?



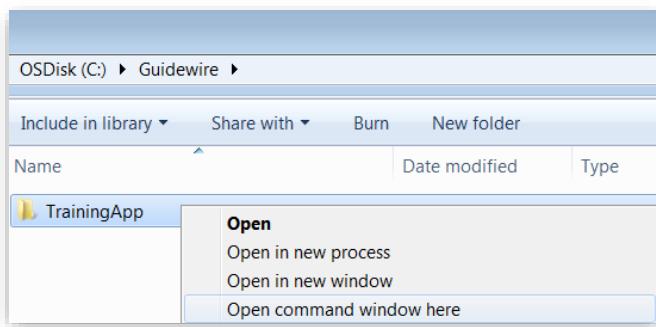
Stop

1.5 Lab Solution: Working with Guidewire Studio

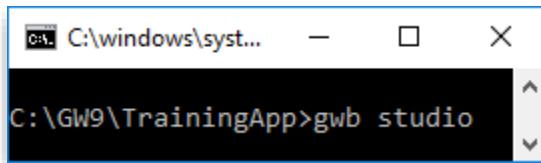


1. Open Guidewire Studio

- To open Guidewire Studio, **SHIFT + Right click** on **C:\GW10\TrainingApp** and select **Open command window here** from the context menu.

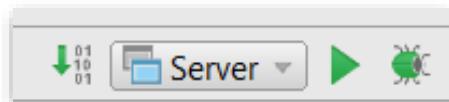


- Execute the following Gradle task: `gwb studio`

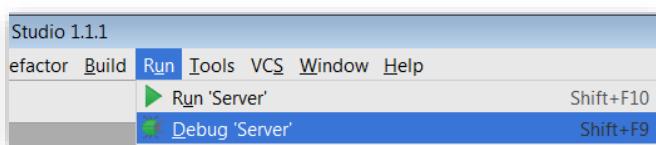


2. Start TrainingApp in debug mode

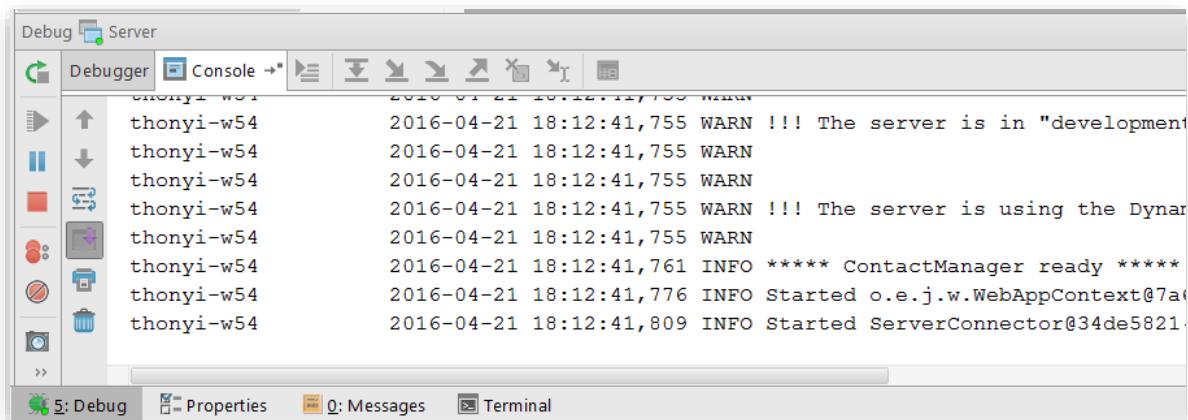
- To start TrainingApp in debug mode, either (1) click on the Debug icon or (2) from the menu select Run → Debug 'Server'



OR



- 3. To verify that you are running TrainingApp, verify that the Debug Console tab shows ***** ContactManager ready *******



The screenshot shows the Guidewire Studio interface with the 'Debug Server' window open. The 'Console' tab is selected. The log output shows several lines of server logs from 'thonyi-w54'. The relevant lines are:

```
2016-04-21 18:12:41,755 WARN !!! The server is in "development"
2016-04-21 18:12:41,755 WARN
2016-04-21 18:12:41,755 WARN
2016-04-21 18:12:41,755 WARN !!! The server is using the Dynar
2016-04-21 18:12:41,755 WARN
2016-04-21 18:12:41,761 INFO ***** ContactManager ready *****
2016-04-21 18:12:41,776 INFO Started o.e.j.w.WebAppContext@7a6
2016-04-21 18:12:41,809 INFO Started ServerConnector@34de5821
```

What are the two ways that you can run TrainingApp from Guidewire Studio?

From the Run menu, select Run 'Server' or select Debug 'Server'. Alternatively click on the Play or Debug buttons.

1.6 Lab Solution: Explore TrainingApp



1. Log in to TrainingApp

- Open the browser and go to <http://localhost:8880/ab>
- Log in as Alice Applegate. (username: aapplegate password: gw)

2. Search for contacts with the last name Smith

Search

Contact Type	* Contact	Location																												
Company/Last Name	Smith	Country <none>																												
Minimum Score	<none>	City																												
		State <none>																												
		ZIP Code #####-#####																												
Search Reset																														
<table border="1"><thead><tr><th colspan="2">Search Results</th><th>Delete</th><th>grid</th></tr><tr><th><input type="checkbox"/></th><th>Name</th><th>Address</th><th>City</th><th>State</th><th>ZIP Code</th><th>Phone #</th><th>Contact Type</th></tr></thead><tbody><tr><td><input type="checkbox"/></td><td>Quaiche Smith</td><td>435 Duarte Ave</td><td>Arcadia</td><td>California</td><td>91006</td><td>647-569-9708</td><td>Policy Person</td></tr><tr><td><input type="checkbox"/></td><td>Robert Smith</td><td>435 Duarte Ave</td><td>Arcadia</td><td>California</td><td>91006</td><td>647-560-0708</td><td>Person</td></tr></tbody></table>			Search Results		Delete	grid	<input type="checkbox"/>	Name	Address	City	State	ZIP Code	Phone #	Contact Type	<input type="checkbox"/>	Quaiche Smith	435 Duarte Ave	Arcadia	California	91006	647-569-9708	Policy Person	<input type="checkbox"/>	Robert Smith	435 Duarte Ave	Arcadia	California	91006	647-560-0708	Person
Search Results		Delete	grid																											
<input type="checkbox"/>	Name	Address	City	State	ZIP Code	Phone #	Contact Type																							
<input type="checkbox"/>	Quaiche Smith	435 Duarte Ave	Arcadia	California	91006	647-569-9708	Policy Person																							
<input type="checkbox"/>	Robert Smith	435 Duarte Ave	Arcadia	California	91006	647-560-0708	Person																							

Write it down

1. How many contacts have the last name Smith?

2

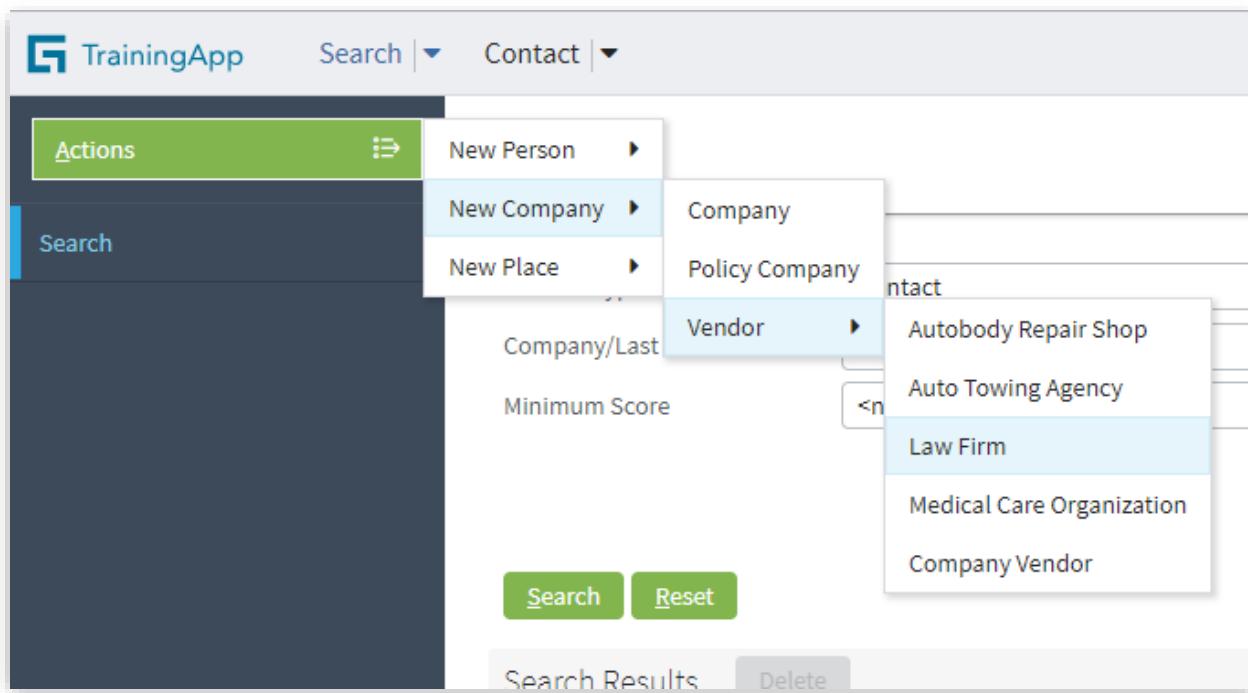
2. Describe the contact types with the last name Smith.

Robert Smith is a Person whereas Quaiche Smith is a Policy Person.

1.7 Lab Solution: Create contacts



1. Create a contact of the type Law Firm



New Law Firm

[Return to Search](#)

[Update](#) [Cancel](#)

Law Firm			
Name *	<input type="text"/>		
Primary Address			
Country	<input type="text" value="United States"/>		
Address 1	<input type="text"/>		
Address 2	<input type="text"/>		
Address 3	<input type="text"/>		
City	<input type="text"/>		
County	<input type="text"/>		
State	<input type="text" value="<none>"/>		
ZIP Code	<input type="text" value="# #####-#####"/>		
Address Type	<input type="text" value="<none>"/>		
Description	<input type="text"/>		
Additional Info			
Preferred Vendor?	<input checked="" type="radio"/> Yes <input type="radio"/> No		
Legal Specialty	<input type="text" value="<none>"/>		
Contact Info			
Primary Contact	<input type="text" value="<none selected>"/>		
Phone	<input type="text"/>		
Fax	<input type="text"/>		
Main Email	<input type="text"/>		
Alternate Email	<input type="text"/>		
Tax Info			
Tax ID (EIN)	<input type="text"/>		
W-9 Received?	<input type="radio"/> Yes <input checked="" type="radio"/> No		

2. Create a contact of the type Autobody Repair Shop

TrainingApp Search | Contact |

Actions ▾ New Person ▾

New Company ▾ Company

New Place ▾ Policy Company

Company/Last Vendor ▾ Autobody Repair Shop

Minimum Score <n Auto Towing Agency

Search Reset

Contact

Autobody Repair Shop

Auto Towing Agency

Law Firm

Medical Care Organization

Company Vendor

New Auto Repair Shop [Return to Search](#)

[Update](#)

[Cancel](#)

Auto Repair Shop

Name *

Primary Address

Country

Address 1

Address 2

Address 3

City



County

State

ZIP Code



Address Type

Additional Info

Preferred Vend

Business Licen:

Contact Info

Primary Contact

Phone

Fax

Main Email

Alternate Email

Tax Info

Tax ID (EIN)

3. Search for contacts with the name Celebrity

Search

Contact Type	* Contact	Location
Company/Last Name	Celebrity	Country
Minimum Score	<none>	City
		State
		ZIP Code

Search Results **Delete** **Print**

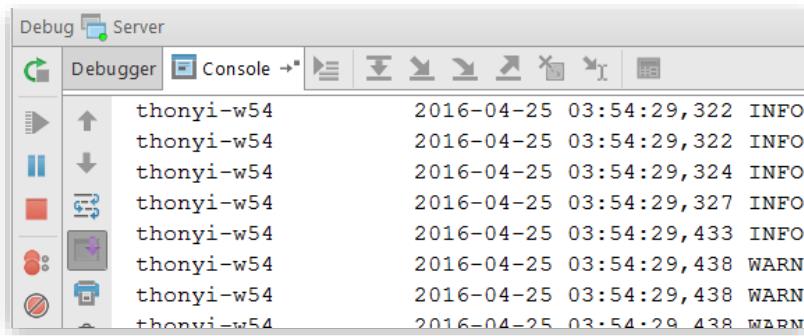
<input type="checkbox"/>	Name	Address	City	State	ZIP Code	Phone #	Contact Type
<input type="checkbox"/>	Celebrity Collision Repair		Hollywood	California			Auto Repair Shop
<input type="checkbox"/>	Celebrity Law Office		Hollywood	California			Law Firm

Write it down

- On the Details screen for the Law Firm, in the Additional Info section, review the available fields. Next, review the available fields in the Additional Info section for the Autobody Repair Shop. Which fields differ between the Law Firm and the Autobody Repair Shop?**

The Law Firm has a Specialty field whereas the Autobody Repair Shop has a License field.

- Log out of TrainingApp**
 - Settings → Log out as Alice Applegate
- Stop TrainingApp from Guidewire Studio**
 - Click on the Stop button in the sidebar of the Debug Tool window



4. After stopping the server from Guidewire Studio, are you able to navigate in the TrainingApp web application? What is the browser error?

It is not possible to continue navigating the TrainingApp web application. The browser shows an error that says the webpage is not available.