



ClaimCenter 7.0 Configuration Fundamentals

Course Description

Overview

This course provides students with the knowledge and skills required to successfully configure the fundamental features of Guidewire applications. This course is a prerequisite to all application-specific configuration and integration courses.

This course is conducted on TrainingApp, an application designed to optimize the experience of learning Guidewire configuration. TrainingApp has easy-to-imitate examples of all fundamental configuration functionality, it restarts rapidly, and it requires no special knowledge of insurance.

Objectives

After completing this course, students will be able to:

- Set up a Guidewire application, including:
 - Starting and using Guidewire Studio, the Guidewire configuration application
 - Using the various editors available through Studio
- Configure the data model, including:
 - Using the Data Dictionary to identify appropriate business data
 - Creating or modifying custom data entities and properties
 - Creating typelists
- Configure the user interface, including creating and modifying:
 - Fields and their attributes
 - Detail views, list views, and toolbars
 - Screens and popups
- Configure business logic, including:
 - Writing Gosu code
 - Testing and debugging Gosu code

Duration

The course is 4 days long.

Audience and Prerequisites

This course is designed for all developers who will be configuring or integrating Guidewire applications such as ClaimCenter, BillingCenter, and PolicyCenter.

To successfully achieve the objectives of the course, each student should be able to:

- Read and use XML or another markup language such as HTML.
- Program in a programming or scripting language such as C, C++, Java, or JavaScript to create control structures such as if-then-else or loops, define variables, pass variables, access values in an array, and so forth.
- Use a relational database to define database tables, columns, and foreign keys.



Course Materials

Electronic copies of all lecture and lab materials are available to the students during the course through the Guidewire Resource Portal. Guidewire Implementation Services provides customers with the same education materials used to train its own employees.

Agenda

Day 1

Introduction to the Guidewire Configuration

- Guidewire configuration technology
- Training application data model
- Guidewire product architecture
- Starting Guidewire applications
- Guidewire Studio
- Documentation and support

Introduction to the Data Model

- Contents of the data model
- The Data Dictionary
- Dot notation

Extending Base Entities

- Layers of base application entities
- Entity extension files
- Extending base entities

Creating New Entities

- Custom entities
- Entity declaration files
- Foreign keys and arrays
- Defining new entities
- Advanced data model design features

TypeLists

- TypeList basics
- Simple typelists
- Fields constrained by typelists
- Filtered typelists

The User Interface Architecture

- User interface architecture
- PCF files
- Creating and opening PCF files
- Modifying PCF files
- Deploying UI changes

Day 2

Atomic Widgets

- Atomic widget basics
- Creating widgets
- Binding widgets to the data model
- Widget labels
- Optional properties



Detail Views

- Detail view basics
- Creating detail views
- Referencing detail views

Editable Detail Views

- Detail view toolbars
- Edit buttons

Input Sets

- Input set basics
- Implementing input sets

Day 3

List Views

- List view basics
- Creating list views
- List view widgets
- Referencing list views

Editable List Views

- Editable list views
- Iterator buttons

Modes

- Mode basics
- Implementing modal containers

Introduction to Locations

- Location basics
- Navigating to a location

Popups 1: "View/Edit" Popups

- Popup basics
- View/edit object popups

Day 4

Introduction to Gosu

- Guidewire Gosu overview
- Gosu statements
- Gosu objects
- Gosu subtypes
- Studio features for working with Gosu

Arrays

- Arrays

Business Rules

- Business rules overview
- Rules-specific Gosu
- Working with rules
- Debugging rules

PCF Methods



Overview of Gosu methods
Creating PCF methods
Common use cases for PCF methods

Enhancements

Entity enhancement basics
Working with entity enhancements
Working with Java class enhancements
Debugging enhancements

Script Parameters

Script parameter basics
Creating and referencing script parameters
Updating script parameters

Entity Names

Entity name basics
Configuring entity names

Server-Side Widget Behavior

Dynamic widget behavior
Gosu expressions in widget properties
Refreshing prior to data commitment
Executing code when widgets change

Client-Side Widget Behavior

Client-side widget behavior
Reflecting widget values
Additional reflection techniques

Further Study

The normal course length does not provide sufficient time to cover the following topics. These topics are available for students to review after the course has been completed.

Subtypes

Subtype basics
Extending base application subtypes
Defining new subtypes

Popups 2: "Create New" Popups

Describe new versus existing-object popups
Creating new object popups

Queries

Gosu query basics
Working with queries
Working with result sets

Gosu Classes

Overview of classes
Gosu classes
Creating packages and classes
Working with methods

Dynamic Dropdowns



Dynamic dropdown basics
Array-based dynamic dropdowns

Dependent Dropdowns

Dependent dropdowns

Field-Level Validation

Field-level validation in data model
Field-level validation in UI