MOB310

Accessing SAP Data using Agentry Work Manager

COURSE OUTLINE

Course Version: 10
Course Duration: 5 Day(s)
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About This Handbook

This handbook is intended to both complement the instructor-led presentation of this course and to serve as a reference for self-study.

Typographic Conventions
American English is the standard used in this handbook.
The following typographic conventions are also used.

- This information is displayed in the instructor’s presentation
- Demonstration
- Procedure
- Warning or Caution
- Hint
- Related or Additional Information
- Facilitated Discussion
- User interface control
- Window title

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TARGET AUDIENCE
This course is intended for the following audiences:

- Development Consultant
Lesson 1: Outlining the Course Context

Lesson Objectives
After completing this lesson, you will be able to:

● Outline the course context

Lesson 2: Defining the Components of SAP Agentry Work Manager and Their Interactions

Lesson Objectives
After completing this lesson, you will be able to:

● Define the Agentry framework

Lesson 3: Identifying the Agentry Server

Lesson Objectives
After completing this lesson, you will be able to:

● Identify the Agentry server

Lesson 4: Identifying the Editor

Lesson Objectives
After completing this lesson, you will be able to:

● Identify the Editor

● Group work into projects

Lesson 5: Identifying the Agentry Client

Lesson Objectives
After completing this lesson, you will be able to:

● Identify the Agentry client
Lesson 6: Identifying the Application Architecture Extension

Lesson Objectives
After completing this lesson, you will be able to:

- Identify the application architecture extension

Lesson 7: Identifying the Different Work Manager Landscapes

Lesson Objectives
After completing this lesson, you will be able to:

- Identify the different Work Manager landscapes
Lesson 1: Preparing to Install the Work Manager Components

Lesson Objectives
After completing this lesson, you will be able to:

- Prepare to install the Agentry Work Manager components

Lesson 2: Installing and Configuring the Agentry Server

Lesson Objectives
After completing this lesson, you will be able to:

- Identify the types of servers
- Install the server
- Configure the server

Lesson 3: Installing the Agentry Test Environment (ATE)

Lesson Objectives
After completing this lesson, you will be able to:

- Install the ATE

Lesson 4: Installing the Editor

Lesson Objectives
After completing this lesson, you will be able to:

- Install the Editor

Lesson 5: Setting Up the Development Environment

Lesson Objectives
After completing this lesson, you will be able to:

- Set up the Agentry development environment
- Set up the Java project
Lesson 6: Using the Agentry Perspectives

Lesson Objectives
After completing this lesson, you will be able to:

- Using the Agentry perspectives
- Identify application components

- Import Java source files
- Export Java source files
Lesson 1: Describing Standard End to End Processing

Lesson Objectives
After completing this lesson, you will be able to:

- Create a notification
- Assign and process a work order
- Create a time sheet

Lesson 2: Describing the Enhanced Business Process

Lesson Objectives
After completing this lesson, you will be able to:

- Indicate the process for adding new functionality
- Indicate how to apply standards and naming conventions
Lesson 1: Following a Suggested Application Development Process

Lesson Objectives
After completing this lesson, you will be able to:

- Follow a suggested application development process

Lesson 2: Testing Applications

Lesson Objectives
After completing this lesson, you will be able to:

- Test an application in the test environment

Lesson 3: Debugging an Application

Lesson Objectives
After completing this lesson, you will be able to:

- Debugging techniques

Lesson 4: Applying the Project Staging Standards

Lesson Objectives
After completing this lesson, you will be able to:

- Share work between team members
- Deliver an application
- Determine the directory structure
- Apply naming conventions and standards
Lesson 1: Communicating Between a Mobile Application and the SAP System

Lesson Objectives
After completing this lesson, you will be able to:

- Use the mobile integration components that enable synchronization between Work Order Manager and the SAP back end

Lesson 2: Changing Data Display with Filters

Lesson Objectives
After completing this lesson, you will be able to:

- Use filters to exclude unnecessary data retrieval on the mobile device

Lesson 3: Configuring the Integration Layer

Lesson Objectives
After completing this lesson, you will be able to:

- Configure the Integration Layer

Lesson 4: Configuring BAPI Wrappers

Lesson Objectives
After completing this lesson, you will be able to:

- Configure BAPI wrappers

Lesson 5: Creating Integration Components for Data Table Synchronization

Lesson Objectives
After completing this lesson, you will be able to:

- Identify the integration components for data table synchronization
Lesson 6: Creating Integration Components for Complex Table Synchronization

Lesson Objectives
After completing this lesson, you will be able to:

- Create integration components for complex table synchronization

Lesson 7: Creating Integration Components for Transaction Synchronization

Lesson Objectives
After completing this lesson, you will be able to:

- Create integration components for transaction synchronization

Lesson 8: Creating Integration Components for Push Synchronization

Lesson Objectives
After completing this lesson, you will be able to:

- Identify the integration components for push synchronization
Lesson 1: Configuring the Mobile Integration Settings

Lesson Objectives
After completing this lesson, you will be able to:

- Define the Business Logic Layer within the mobile administration for ERP components

Lesson 2: Synchronizing Using a Complex Table Without Exchange Data

Lesson Objectives
After completing this lesson, you will be able to:

- Indicate complex table synchronization that does not use exchange data
- Synchronize a complex table without using exchange data
Lesson 1: Setting Change Detection Layer Configuration Parameters

Lesson Objectives
After completing this lesson, you will be able to:

- Set the Change Detection Layer configuration parameters

Lesson 2: Setting Enhancement Framework Implementation (EFI) Configuration Parameters

Lesson Objectives
After completing this lesson, you will be able to:

- Set the EFI configuration parameters
Lesson 1: Synchronizing Data in Mobile Applications Using the Exchange Data Model

Lesson Objectives
After completing this lesson, you will be able to:
- Determine how the Exchange Data Model detects change
- Identify the process for exchanging data

Lesson 2: Tracking Changes to a Database

Lesson Objectives
After completing this lesson, you will be able to:
- Track Changes to a database

Lesson 3: Creating an Exchange Data Table Object

Lesson Objectives
After completing this lesson, you will be able to:
- Create an exchange data table object

Lesson 4: Creating a Trigger Assignment

Lesson Objectives
After completing this lesson, you will be able to:
- Create a trigger assignment

Lesson 5: Assigning an Exchange Object to a Mobile Data Object

Lesson Objectives
After completing this lesson, you will be able to:
- Assign an exchange object to a mobile data object
Lesson 6: Testing the Exchange Table Object

Lesson Objectives
After completing this lesson, you will be able to:

- Test the exchange table object
Lesson 1: Fetching Data Using Fetch Processing Objects
Lesson Objectives
After completing this lesson, you will be able to:

• Outline data fetches

Lesson 2: Analyzing Fetch Business Requirements
Lesson Objectives
After completing this lesson, you will be able to:

• Analyze fetch business requirements

Lesson 3: Creating the Fetch SAP Objects
Lesson Objectives
After completing this lesson, you will be able to:

• Outline how fetches work with an SAP reservation

Lesson 4: Creating the Fetch Java Logic
Lesson Objectives
After completing this lesson, you will be able to:

• Code the Java logic for a fetch

Lesson 5: Setting the Configuration Parameters for the Fetch
Lesson Objectives
After completing this lesson, you will be able to:

• Set the configuration parameters for the fetch
• Assign the BAPI wrappers to the data object

Lesson 6: Creating the Agentry Objects
Lesson Objectives
After completing this lesson, you will be able to:

- Create the object hierarchy
- Create the fetch’s screen sets and screens
- Create actions and buttons for the fetch
Lesson 1: Using Transactions to Transfer Data To and From an Application

Lesson Objectives
After completing this lesson, you will be able to:

- Outline data transfer transactions

Lesson 2: Analyzing Transaction Business Requirements

Lesson Objectives
After completing this lesson, you will be able to:

- Analyze transaction business requirements

Lesson 3: Creating the SAP Business Logic

Lesson Objectives
After completing this lesson, you will be able to:

- Describe transaction synchronization steps

Lesson 4: Coding the Transaction's Data Transfer Logic

Lesson Objectives
After completing this lesson, you will be able to:

- Code the logic for the transaction data transfer

Lesson 5: Creating the Agentry Object Hierarchy

Lesson Objectives
After completing this lesson, you will be able to:

- Create the Agentry object hierarchy

Lesson 6: Creating the Configuration Parameters for the Transaction
Lesson Objectives
After completing this lesson, you will be able to:

- Create the configuration parameters for the transaction

Lesson 7: Creating the Transaction's User Interface
Lesson Objectives
After completing this lesson, you will be able to:

- Create the transaction’s screen sets and screens
- Create the transaction’s actions and buttons

Lesson 8: Publishing the Transaction
Lesson Objectives
After completing this lesson, you will be able to:

- Review the generated transaction for errors
- Publish and test the transaction