MOB310

Accessing SAP Data Using SAP Work Manager

COURSE OUTLINE

Course Version: 15
Course Duration: 5 Day(s)
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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

Example text

Example text
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Course Overview

TARGET AUDIENCE
This course is intended for the following audiences:

- Developer
- Development Consultant
- Technology Consultant
UNIT 1
Introduction to SAP Work Manager

Lesson 1: Describing SAP Work Manager Components and Their Interactions
Lesson Objectives
After completing this lesson, you will be able to:
• Describe SAP Agentry architecture

Lesson 2: Describing SAP Mobile Platform Server Basics
Lesson Objectives
After completing this lesson, you will be able to:
• Describe the SAP Mobile Platform Server

Lesson 3: Describing SAP Agentry Client
Lesson Objectives
After completing this lesson, you will be able to:
• Describe the SAP Agentry client

Lesson 4: Describing the SAP Agentry Editor
Lesson Objectives
After completing this lesson, you will be able to:
• Describe the SAP Agentry Editor
• Describe the SAP Agentry development environment

Lesson 5: Describing Mobile Application Architecture
Lesson Objectives
After completing this lesson, you will be able to:
• Describe mobile application architecture
Lesson 6: Describing SAP Work Manager Landscapes

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

- Describe SAP Work Manager landscapes
Lesson 1: Installing SAP Work Manager Components

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

- Install SAP Work Manager components

Lesson 2: Deploying SAP Work Manager

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

- Identify instance types
- Deploy SAP Work Manager

Lesson 3: Installing and Configuring the Mobile Application Test Environment

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

- Install and configure the mobile application test environment

Lesson 4: Verifying Data in the Test Environment

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

- Verify data in the test environment

Lesson 5: Installing and Configuring SAP Agentry Editor

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

- Install and configure the SAP Agentry Editor
Lesson 1: Describing Standard End-to-End Processes

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 Mobile Business Processes

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

- Describe mobile business processes
- Apply standards and naming conventions in SAP Work Manager
Lesson 1: Configuring Mobile Integration

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

- Describe the Business Logic Layer in mobile administration for SAP ERP and SAP CRM

Lesson 2: Synchronizing a Complex Table Without Exchange Data

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

- Compare synchronization with and without exchange data
- Synchronize a complex table without using exchange data
Lesson 1: Communicating Between a Mobile Application and the SAP System

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

- Identify the components of the Business Application Programming Interface (BAPI)

Lesson 2: Changing Data Display with Filters

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

- Change data display with filters

Lesson 3: Configuring the Integration Layer

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

- Configure the integration layer

Lesson 4: Configuring Business Application Programming Interface (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:

- Create 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:

- Create integration components for push synchronization
Lesson 1: Configuring Change Detection Layer Parameters

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

- Configure change detection layer parameters

Lesson 2: Configuring Enhancement Framework Implementation (EFI) Parameters

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

- Configure EFI parameters
Lesson 1: Synchronizing Mobile Application Data Using the Exchange Data Model
Lesson Objectives
After completing this lesson, you will be able to:
- Determine how the exchange data model detects change
- Describe the processes for exchanging data

Lesson 2: Verifying Changes to a Database
Lesson Objectives
After completing this lesson, you will be able to:
- Verify 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 EFI Assignments
Lesson Objectives
After completing this lesson, you will be able to:
- Create an EFI 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: Creating Exchange Table Objects

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

- Test an exchange table object
Lesson 1: Debugging an Application

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

- Debug an application

Lesson 2: Applying 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
Lesson 1: Describing a Use Case for Extending SAP Work Manager

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

- Describe a use case for extending SAP Work Manager

Lesson 2: Fetching Data with Fetch Processing Objects

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

- Fetch data

Lesson 3: Analyzing Fetch Business Requirements

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

- Analyze fetch business requirements

Lesson 4: Creating Fetch SAP Objects

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

- Create a fetch purchase order

Lesson 5: Preparing the BAPI for a Fetch

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

- Configure the BAPI for a fetch
- Assign BAPI wrappers to a data object

Lesson 6: Coding Fetch Java Logic
Lesson Objectives
After completing this lesson, you will be able to:

- Code the Java logic for a fetch

Lesson 7: Creating SAP Agentry Objects

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

- Create an SAP Agentry object hierarchy
- Create the screen sets and screens for a fetch
- Create actions and buttons for a fetch
Lesson 1: Using Transactions to Transfer Data to and from an Application

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

- Synchronize transaction data
- Create data transfer transactions

Lesson 2: Coding a Transaction's Data Transfer Logic

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

- Code the logic for a transaction data transfer

Lesson 3: Modifying SAP Agentry Object Hierarchies

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

- Modify an SAP Agentry object hierarchy

Lesson 4: Creating a Transaction's User Interface

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

- Create screen sets and screens for a transaction
- Create actions and buttons for a transaction

Lesson 5: Publishing a Transaction

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

- Publish a transaction
• Test a transaction
Lesson 1: Using Advanced Functionality for Mobile Applications in SAP Work Manager

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

- Customize the application logo
- Add embedded mapping
- Add 3D images of technical objects