

S4DEV

Introduction to Application Programming on SAP S/4HANA

COURSE OUTLINE

Course Version: 23

Course Duration:

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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

Example text

Window title

Example text

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Developer

UNIT 1

Foundation

Lesson 1: Exploring SAP S/4HANA

Lesson Objectives

After completing this lesson, you will be able to:

- Explore SAP S/4HANA

Lesson 2: Exploring SAP Fiori

Lesson Objectives

After completing this lesson, you will be able to:

- Explore SAP Fiori

Lesson 1: Working with ABAP Development Tools (ADT)

Lesson Objectives

After completing this lesson, you will be able to:

- Work with ABAP Development Tools

Lesson 2: Exploring ABAP Core Data Services (CDS)

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the basics of Core Data Services (CDS)
- Open and analyze a data definition
- Open and analyze an access control

Lesson 3: Creating CDS Views

Lesson Objectives

After completing this lesson, you will be able to:

- Define a CDS view
- Define a CDS role

Lesson 1: Exploring Business Services

Lesson Objectives

After completing this lesson, you will be able to:

- Explore business services

Lesson 2: Working with Business Services

Lesson Objectives

After completing this lesson, you will be able to:

- Create service definitions and service bindings

Lesson 1: Developing SAP Fiori UIs

Lesson Objectives

After completing this lesson, you will be able to:

- Explore SAPUI5
- Compare SAPUI5 freestyle development with SAP Fiori elements development

Lesson 2: Consuming Business Data using SAP Fiori Elements

Lesson Objectives

After completing this lesson, you will be able to:

- Explore SAP Fiori elements
- Configure a list report application

Lesson 3: Working with the SAP Business Application Studio

Lesson Objectives

After completing this lesson, you will be able to:

- Create an SAP Fiori elements application
- Use SAP Fiori tools Guided Development
- Deploy an SAP Fiori elements application

Lesson 1: Managing SAP Fiori Launchpad Content

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how the content of the SAP Fiori launchpad is organized

Lesson 2: Creating Business Catalogs

Lesson Objectives

After completing this lesson, you will be able to:

- Create business catalogs

Lesson 3: Creating Technical Catalogs

Lesson Objectives

After completing this lesson, you will be able to:

- Create technical catalogs

Lesson 1: Enabling Change Operations

Lesson Objectives

After completing this lesson, you will be able to:

- Provide create, update, and delete functionalities
- Enable draft capabilities

Lesson 2: Implementing Additional Functionality

Lesson Objectives

After completing this lesson, you will be able to:

- Explore determinations, validations, and actions
- Add value help