

# S4D425

## Extensibility for SAP S/4HANA

### COURSE OUTLINE

Course Version: 22

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	<i>Example text</i>
Window title	<i>Example text</i>

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# Course Overview

## **TARGET AUDIENCE**

This course is intended for the following audiences:

- Application Consultant
- Development Consultant
- Technology Consultant
- Super / Key / Power User
- Developer
- Solution Architect





## **Lesson 1: Explaining the Smart Enterprise, Dealing With the Business Technolog Platform**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Explain the Smart Enterprise, dealing with the Business Technology Platform

## **Lesson 2: Explaining Extensibility, an Introduction**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Get to know about the extensibility concept in SAP S/4HANA

## **Lesson 3: Explaining InApp Extensibility, a Birds View**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Explain InApp Extensibility

## **Lesson 4: Explaining Side-By-Side Extensibility, a Birds View**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Explain Side-By-Side Extensibility, a Birds View

## **Lesson 5: Explaining the Extensibility Possibilities, Depending on the SAP S/4HANA Version**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Realize which extensions, in-App and side-by-side, are available depending on the SAP S/4HANA versions



## Lesson 1: Personalizing the SAP Fiori Launchpad

### Lesson Objectives

After completing this lesson, you will be able to:

- Personalize the SAP Fiori Launchpad

## Lesson 2: Managing the SAP Fiori Launchpad Content

### Lesson Objectives

After completing this lesson, you will be able to:

- Manage the SAP Fiori Launchpad Content

## Lesson 3: Using SAP Fiori Launchpad Plugins

### Lesson Objectives

After completing this lesson, you will be able to:

- Extend the SAP Fiori Launchpad



## Lesson 1: Using Variant Management

### Lesson Objectives

After completing this lesson, you will be able to:

- Use variant management

## Lesson 2: Adapting SAP Fiori UIs at Runtime

### Lesson Objectives

After completing this lesson, you will be able to:

- Use SAP Fiori runtime authoring

## Lesson 3: Using Custom Fields and Logic

### Lesson Objectives

After completing this lesson, you will be able to:

- Create data source extensions
- Create custom fields
- Enable custom database fields for usage in SAP Fiori applications
- Create custom logic

## Lesson 4: Creating Custom Business Objects

### Lesson Objectives

After completing this lesson, you will be able to:

- Create custom business objects
- Create a UI for a custom business object
- Add custom logic to a custom business object

## Lesson 5: Creating Custom Reusable Elements

### Lesson Objectives

After completing this lesson, you will be able to:

- Create custom libraries and methods
- Create custom code lists

## **Lesson 6: Transporting Extensions**

### **Lesson Objectives**

After completing this lesson, you will be able to:

- Transport extension items

## Lesson 1: Side-by-Side Extensibility in a Nutshell

### Lesson Objectives

After completing this lesson, you will be able to:

- Describe essential features of side-by-side extensions

## Lesson 2: Choice of the Appropriate Extensibility Option

### Lesson Objectives

After completing this lesson, you will be able to:

- Name the most important factors that influence the choice of the extensibility option

## Lesson 3: Application Example

### Lesson Objectives

After completing this lesson, you will be able to:

- Develop an extension for SAP S/4HANA with SAP BTP ABAP Environment