

SAP Commerce Cloud Backoffice Framework Developer Training

- The course illustrates the basic functionalities and main concepts of SAP Commerce Cloud Backoffice Framework, and helps participants understand how to customize and configure it, based on their needs. The course is targeted for software developers, software architects and technical consultants.
- The exercises lead the student through a sequence of tasks typical for Backoffice customization. Students will use components and features of the Backoffice Framework to build a new, custom Backoffice cockpit. They will leverage existing widgets, as well as create their own custom widget, field editor, and action component. They will configure their cockpit to lay these components out, interconnect them to trigger behaviors and share data, and configure the components' UIs.
- It does not solve project specific problems, but it shows how to tackle most common tasks.



Odbiorcy szkolenia

- Developer
- Developer Consultant
- Solution Architect
- Technology Consultant



Korzyści

- This course will prepare you to:
 - Customize the Backoffice Framework by creating new widgets in the Backoffice Framework and orchestrating them
 - Understand how the widgets communicate in the Backoffice Framework
 - Create functionality for a widget with controllers, actions and editors
 - Understand how to test your widgets in the Backoffice Framework
 - Identify some additional information about the Backoffice Framework



Program szkolenia

- Introduction
 - (Exercise) Class Setup
- Backoffice Fundamental Recap
 - Backoffice Framework Fundamentals
 - Backoffice Configuration
 - Widgets, Actions & Editors
 - Cockpits/Perspectives
 - Application Orchestrator
 - (Exercise) Create a new Cockpit
- Development Environment
 - Environment Setup
 - Development Support
 - Training Labs Tool
 - (Exercise) Set up the Development Environment
- Orchestrate a Cockpit
 - Orchestration Overview
 - Step 1: Create a new Cockpit
 - Step 2: Add Widget Instances
 - Step 3: Connect the Widget instances
 - Orchestration Essentials
 - (Exercise) Orchestrate a Cockpit
- Widget Fundamentals
 - Creating a Widget
 - Creating the View
 - Creating the Controller
 - Accessing the Settings
 - Changing Widget Model
 - Backoffice Application Context
 - (Exercise) Create a new Widget

- **Widget Communication**
 - Socket IO
 - Adding Input Sockets
 - Adding Output Sockets
 - Connecting Sockets
 - Mapping View Events
 - Trapping Global Events
 - (Exercise) Connect your Widgets
- **Widget Context Configuration**
 - Backoffice Context
 - Context Configuration - Data Types
 - Context Reuse & Merging
 - Orchestrate the Context
 - (Exercise) Configure the Context
- **Actions & Editors**
 - Introduction
 - Available Editors Gallery
 - Editors in Widgets
 - Creating an Editor
 - Available Actions Gallery
 - Actions in Widgets
 - Creating an Action
 - Editors & Actions Communication
 - (Exercise) Create Custom Editors & Actions
- **Backoffice Testing Framework**
 - Introduction
 - Unit Testing Widgets
 - Annotations
 - Widget Behavior Testing
 - Action & Editor Testing
 - (Exercise) Test your Widget
- **Good to Know**
 - Saved Queries
 - Home Dashboard & ZK Charts
 - Switching Perspectives
 - Authority Groups
 - Dynamic Forms
 - Localization
 - Styling Components



Oczekiwane przygotowanie uczestnika

Essential

- Basic knowledge of the SAP Commerce Cloud Type System and Administration Console

Recommended

- C4H36e SAP Commerce Backoffice Framework Fundamentals Online Training (available in Learning Hub)
- [C4H340](#) SAP Commerce Cloud Developer Training Part 1
- [C4H341](#) SAP Commerce Cloud Developer Training Part 2
- Excellent knowledge in Java J2EE concepts and patterns
- Excellent knowledge of Spring Framework



Czas trwania

3 dni / 22 godzin

Język

- Materiały: angielski
- Szkolenie: angielski