kod szkolenia: SAP/CLD200 / ENG

Develop extensions with CAP following the SAP BTP Developer's Guide

In this course you will gain an overview of key features, tools and services that are part of the SAP Business Technology Platform. You will learn how to develop extensions within SAP BTP based on the SAP Cloud Application Programming Model following the SAP Developer's Guide. You will enrich your extension with an SAP Fiori Elements user interface, custom code, external service and security features. Finally, deploying your extension and integrating you app to SAP Build Workzone, standard edition. This course is also available in a self-paced e-learning format as part of a free learning journey on learning.sap.com

Odbiorcy szkolenia

- Application Consultant
- Developer
- Development Consultant
- Enterprise Architect
- Solution Architect

Korzyści

- This course will prepare you to:
  - Use cloud native development to build extensions
  - Understand the goal of SAP BTP Developer's Guide
  - Learn about the principles about extensibility on SAP BTP

- Use the SAP Cloud Application Programming Model (CAP)

Program szkolenia

- Unit 1 Discovering the SAP Cloud Application Programming Model (CAP)
  - Identifying the need for Side-By-Side Extensibility
  - Exploring the SAP Cloud Application Programming Model
  - Introducing the SAP BTP Developer’s Guide
- Unit 2 Setting up the CAP-Project
  - Introducing the OData protocol
  - Explaining JSON/YAML Discovering the End-to-End Use Case
  - Discovering the End-to-End Use Case
- Unit 3 Serving User Interfaces in CAP
  - Serving User Interfaces in CAP
- Unit 4 Adding Custom Business Logic
  - Explaining Event Handling in CAP
  - Explaining the Need for Custom Business Logic
  - Explaining Error Handling
- Unit 5 Consuming External Services
  - Explaining Extensibility and Connectivity in CAP
- Unit 6 Understanding Authorization and Trust Management
  - Describing Authorization and Trust Management (XSUAA)
- Unit 7 Deploying the Application
  - Identifying Deployment Options in CAP
  - Explaining the Deployment Process
- Unit 8 Using Observability
  - Observability in SAP BTP, Cloud Foundry runtime and SAP BTP, Kyma runtime
- Unit 9 Integrating into SAP Build Work Zone
  - Explaining SAP Build Work Zone, standard edition

Oczekiwane przygotowanie uczestnika

Essential

- Please note: This course is intended for participants with a technical background. You can begin with the "Getting started with SAP Cloud Application Programming Model" Learning Journey on learning.sap.com. If you are new to cloud technology or lack a technical background, we suggest that you first complete the "Discover SAP Business Technology Platform" Learning Journey.

Recommended

- Confident handling of command line tools
- Familiarity with JavaScript (Node.js) or other programming languages used for web development
- Basic knowledge of cloud development concepts
- Discover SAP Business Technology Platform

Czas trwania

2 dni / 14 godzin

Język

- Materiały: angielski
- Szkolenie: angielski