

# Introduction to Application Programming on SAP S/4HANA

Kód kurzu: S4DEV

This course provides participants with an overview of the ABAP RESTful Application Programming Model (RAP). The goal is to create an SAP Fiori app touching every area needed to develop and deliver this app to the SAP Fiori launchpad. After a short introduction to SAP S/4HANA and SAP Fiori, the first step is to create CDS projection views on top of existing data model views using the ABAP Development Tools (ADT). Exposing the CDS projection views as a business service makes it possible to consume the model data in a SAPUI5 app, which is built using SAP Fiori elements. Using the behavior of a RAP business object, transactional processing is enabled in the app. Determinations, validations and actions are also added through this. As additional functionality draft-support and value helps are implemented. To make the app available in the SAP Fiori launchpad, catalogs with tiles and target mappings are created. Course based on software release: SAP S/4HANA 2021, ABAP Platform 2021, AS ABAP 7.56, SAPUI5 1.96, SAP Business Application Studio.

Pobočka	Dnů	Cena kurzu	ITB
Praha	3	39 675 Kč	0
Brno	3	39 675 Kč	0

Uvedené ceny jsou bez DPH.

## Termíny kurzu

Datum	Dnů	Cena kurzu	Typ výuky	Jazyk výuky	Lokalita
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Uvedené ceny jsou bez DPH.

## Pro koho je kurz určen

- Developers
- Development Consultants

## Co Vás naučíme

This course will prepare you to:

- Understand the principles of SAP S/4HANA and SAP Fiori
- Discover and use the ABAP RESTful Application Programming Model
- Implement and provide basic apps based on SAP Fiori elements

## Požadované vstupní znalosti

### Essential

- BC100 or equivalent programming knowledge

### Recommended

- S4D400

## Studijní materiály

Studijní materiál SAP.

## Osnova kurzu

- Foundation
- Exploring SAP S/4HANA
- Exploring SAP Fiori
- Data Modeling
- Working with ABAP Development Tools
- Exploring ABAP Core Data Services
- Creating CDS Views
- Data Service

### GOPAS Praha

Na Strži 2097/63  
140 00 Praha 4 - Krč  
Tel.: +420 226 201 390  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 530 513 590  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 902 903 132  
[info@gopas.sk](mailto:info@gopas.sk)



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# Introduction to Application Programming on SAP S/4HANA

- Exploring Business Services
- Working with Business Services
- User Interface
- Developing SAP Fiori UIs
- Consuming business data using SAP Fiori elements
- Working with the SAP Business Application Studio
- Application Provisioning
- Exploring SAP Fiori launchpad configuration
- Configuring target mappings
- Transactional Processing
- Enabling change operations and draft capabilities using RAP Business Object Behavior
- Exploring Determinations, Validations and Actions
- Adding Value Help

## **GOPAS Praha**

Na Strži 2097/63  
140 00 Praha 4 - Krč  
Tel.: +420 226 201 390  
[info@gopas.cz](mailto:info@gopas.cz)

## **GOPAS Brno**

Nové sady 996/25  
602 00 Brno  
Tel.: +420 530 513 590  
[info@gopas.cz](mailto:info@gopas.cz)

## **GOPAS Bratislava**

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 902 903 132  
[info@gopas.sk](mailto:info@gopas.sk)



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