go live

Your feedback

As we plan for 2020, we would like your feedback regarding topics and content that you would like us to include in this newsletter this the year. Please take a few minutes to complete this short survey so we can continue to deliver relevant content to you. Thank you!

UI5 Advanced Programming Model overview

The UI5 Advanced Programming Model it's a way of developing UI5 apps that combines the serverside Odata model and the client-side JSON model. It helps you make your apps future-proof and open to implement any fancy features requests using Reactive Programming. To learn more about it, read this blog. To get started with SAPUI5 and for your free developer edition, click here.

What's happening in the developer's world

Watch this interview with SAP Developer Advocate DJ Adams and RedMonk analyst and co-founder James Governor for insights into new mainframes, feature flags, CI/CD, and other topics.

Watch the interview ›

Visit the SAP Developer Center

Check out the latest step by step tutorials, download the most updated tools and SDKs, and sign up for free developer editions.

Get started ›

How to read/write SAP Cloud Platform Integration Datastore from Groovy

Read this blog and learn about two options for writing to and reading from the SAP Cloud Platform Integration Datastore using Groovy script. One option will show you how to access the Datastore via DataStoreService-class. The second option will show you how to access via the DataStore-class. The blog also provides info on when to use each option as well as class/function descriptions. To learn more about SAP Cloud Platform and for your free trial, click here.

GeoArt with SAP HANA and DBeaver

In this blog, SAP Developer Advocate Witalij Rudnicki shows you how to install DBeaver, connect it to your SAP HANA, express edition instance, run a few queries and preview the results in a 'spatial' visualization or on the map. The blog also covers the usage of some of the new geospatial features in SAP HANA 2.0 SPS04. For your free SAP HANA, express edition, click here.

Your learning bucket list for 2020

Some of our SAP Developer Advocates published a few blogs about technologies that they want to learn about this year. Marius Obert shares his take on cloud-based development technologies, open source projects and upcoming SAP products in this blog. Witalij Rudnicki focuses on all-things-data development providing some insights into trends and SAP data-related products in this post. And DJ Adams provides his take on how cloud is evolving into what he calls a 'new mainframe' as well as other more general development topics and technologies in this blog. Take a look and share your bucket lists with them!

New step by step tutorials and how-to guides

Explore our new tutorials available on the [SAP Developer Center](#):

- [Create a Factory Calendar BusinessObject with SAP Cloud Platform ABAP Environment](#): Create business configuration UIs using business objects of the managed RESTful ABAP Programming Model (RAP). This tutorial is based on a simplified factory calendar data base model.
- [Create a Logistics Flow in SAP Cloud Platform Integration](#): Create a logistics flow from scratch - expose a SOAP endpoint in SAP Cloud Platform Integration, call external utilities to get more info, add conditional routing, and create a flow that can accept and process bulk shipment requests. Also monitor messages, manage errors, and inject a retry mechanism through modelling.
- [Build a Single Page Application using UI5 Web Components for React](#): Build a React Single Page Application using UI5 Web Components for React, which provides an SAP Fiori-compliant React implementation by leveraging the UI5 Web Components project.
- [Develop an SAP Fiori App using ABAP](#): Develop a simple travel booking SAP Fiori app using the ABAP RESTful programming model.
- [Use CAP and SAP Cloud SDK to extend SAP S/4HANA](#): Use the SAP Cloud Application Programming (CAP) Model to mock an S/4HANA API, call it with SAP Cloud SDK, and build out a custom app with CAP that uses custom logic to consume that S/4HANA API as part of the business domain design. This mission is designed to give you a good understanding of the fundamental building blocks for extending S/4HANA in the cloud.

Upcoming events

Feb 1 – [SAP Inside Track Bangalore](#)
Feb 1 - [SAP Stammtisch Krakow](#)
Feb 5 - [SAP CodeJam Oslo](#) **(SAP Cloud Application Programing Model)**
Feb 7 - [SAP CodeJam Herne](#) **(SAP Data Hub)**
Feb 13 - [SAP CodeJam Nieuwegein](#) **(ABAP for SAP HANA Fundamentals)**
Feb 14 – [UI5con](#), Belgium
Feb 15 - [SAP Inside Track Melbourne](#)
Feb 18 - [SAP Stammtisch Bern](#)
Feb 19 - [SAP Stammtisch Dortmund](#)
Feb 24 – openSAP: [Business Process Automation in SAP S/4HANA with SAP Intelligent RPA](#)

For additional Events, click here.