

Core Data Services (CDS)

Tutorial 00: Learn about the prerequisites for the following tutorials

Agenda and available tutorials (1)



13:00 - 13:15: Introduction and Welcome

13:15 - 13:45: Core Data Services: Motivation and Overview

13:45 - 14:30: First part of the tutorial

01: Use a Core Data Services for the access to a database table

02: Use a Core Data Services for the access to a Join of two tables

03: Call a Core Data Service from ABAP coding

14:30 - 14:40: Break and Coffee

14:40 - 15:50: CDS Advanced

Architecture and CDS with ERP

Authorizations

Business Intelligence

15:50 - 16:00: Break and even more Coffee

16:00 - 17:00: Hands-On and second part of the tutorial

04: Use the SQL dialect for Core Data Services to improve the data retrieval

05: Call a CDS with Import Parameters

06: Extend an existing CDS and use CDS as data sources

07: Learn about Associations to create "Joins on Demand"

16:30 - 17:00: Hands-On and third part of the tutorial

CDS in S/4 HANA

17:00 - 17:15: Feedback and last Q&A



- Tutorial Sources:
<https://github.com/JakobFlaman/SapCdsWorkshopBasic/tree/main/Tutorials>
- We tried to make the tutorials foolproof. But you know: Something always goes wrong. So if there are **questions** about the tutorials: **ask**.
 - In the first part in the auditorium: me
 - In the second part in the breakout rooms: the angels
- We assume that **you know something about ABAP** and developing at least in SE80. So we didn't write always stuff like "after a change in the coding save and activate it". Only sometimes.
- Coding takes place in the SAP ABAP (Trial) Cloud. Be aware that **you share a system** among a lot of other people (may be including other people from the tutorial).
- Take care for the uniqueness of the names of your ABAP Repository Objects. We provided example names in the tutorials, as usual with placeholders ("##") for a **namespace. Use them!**

Tutorial 00 - Prerequisites



- Have Eclipse 2020-06 and the ABAP Development Tools (ADT) installed.
<https://tools.hana.ondemand.com/#abap>
- [optional] Get familiar with ADT
<https://developers.sap.com/tutorials/abap-create-project.html>
- Have a (Trial-) user on the ABAP SAP Cloud Platform
<https://developers.sap.com/tutorials/hcp-create-trial-account.html>
- Establish the connection to the ABAP Trial Service in SAP Cloud Platform and make the connection to ADT
<https://developers.sap.com/tutorials/abap-environment-trial-onboarding.html>

Agenda and available tutorials (2)



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