

CNA216 – A Technical Deep Dive into the ABAP RESTful Programming Model

PUBLIC

Speakers 2018



SAP TechEd Las Vegas
October 2–5, 2018

Marcel Hermanns

SAP TechEd Barcelona
October 23–25, 2018

Marcel Hermanns

SAP TechEd Bangalore
November 28–30, 2018

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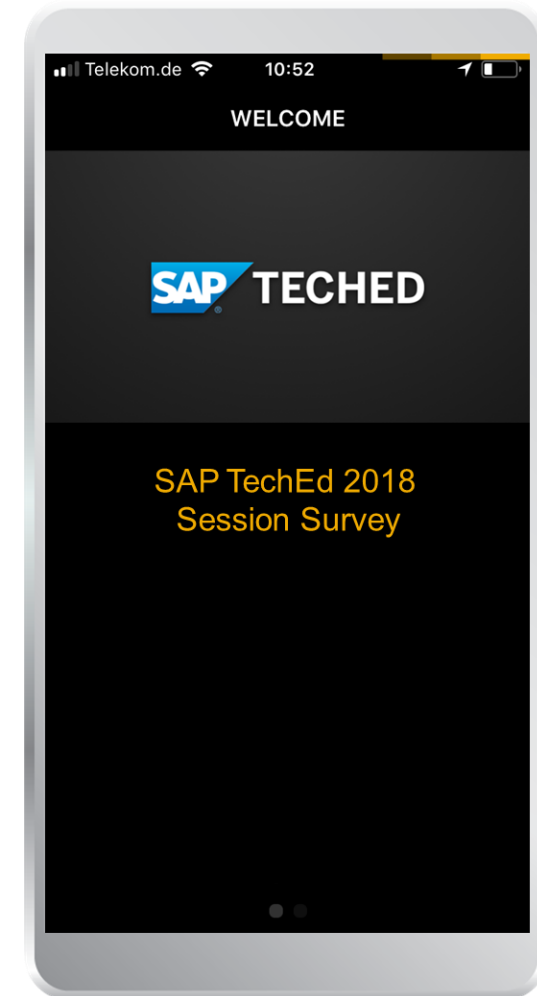
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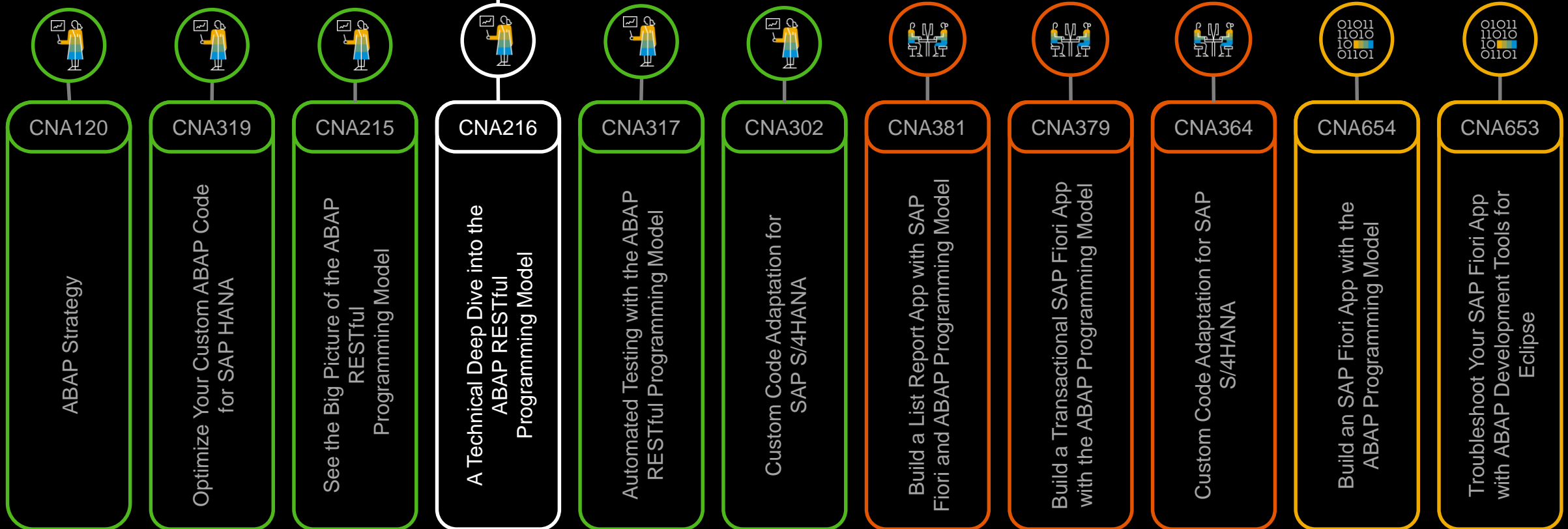
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HOW TO MOVE YOUR ABAP SKILLS TO THE CLOUD AND SAP HANA

CNA216

Optimize Your Custom ABAP Code for SAP HANA



1 hour lecture

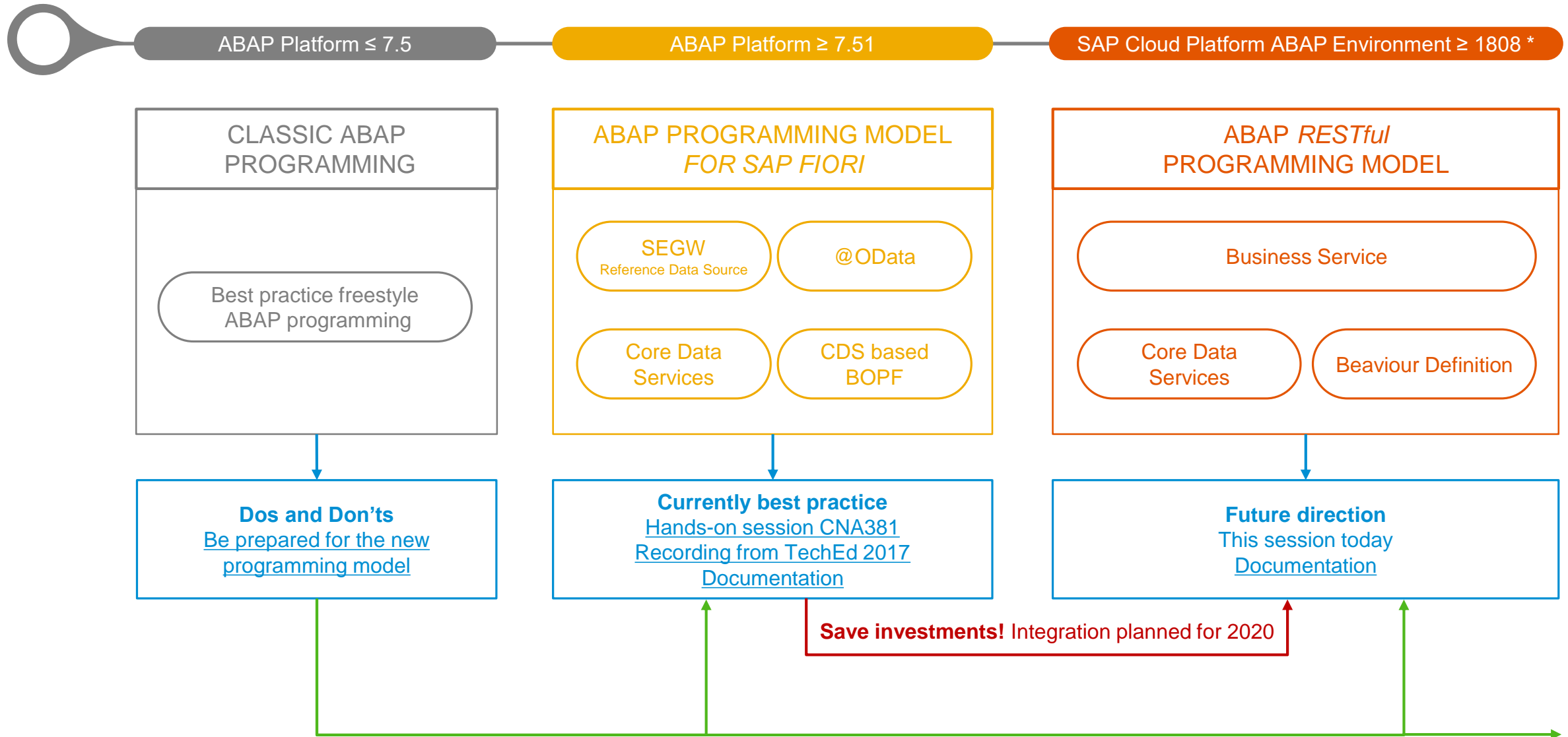


2 hours hands-on workshop



1 hour codejam

Evolution of the ABAP programming model



ABAP Development: Must learn topics

SERVICE
CONSUMPTION

^

BUSINESS
SERVICES
PROVISIONING

^

DATA MODELING &
BEHAVIOR

SAP Fiori UI
Consume OData UI services

A2X
Consume OData A2X services



SERVICE BINDING
Bind the service to OData protocol



SERVICE DEFINITION
Define scope to be exposed

BUSINESS OBJECTS



Data modeling with CDS



Behavior definition



Behaviour implementation

QUERIES



Data modeling with CDS

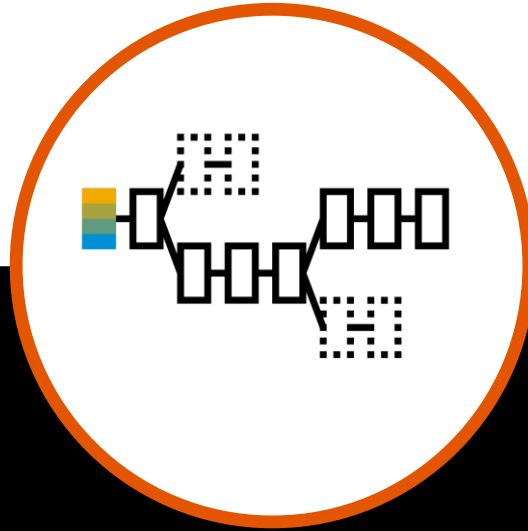
Agenda

Creating a Business Object

Implementing a Business Service for Fiori apps

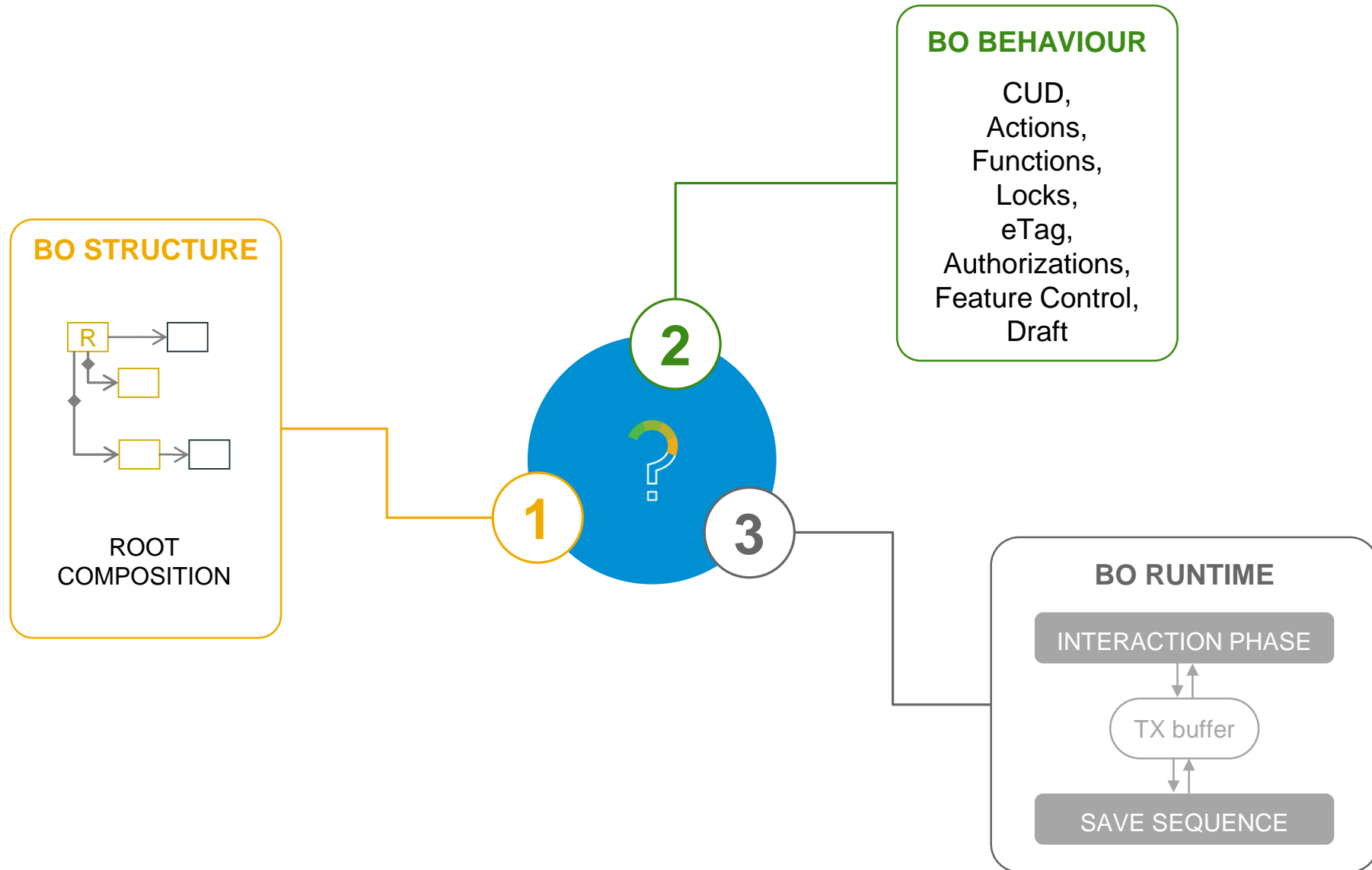
Optional: Remote access of A2X services



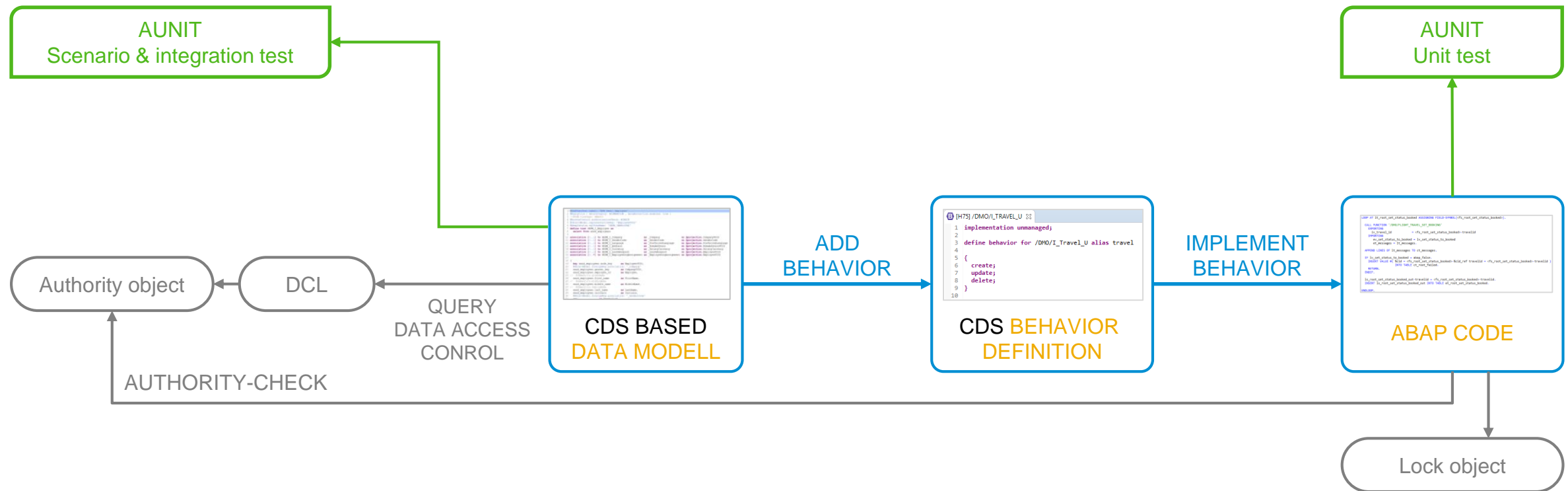


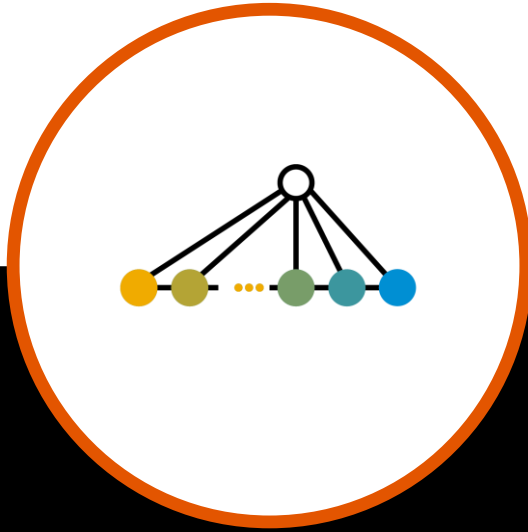
**WHAT IS A
BUSINESS OBJECT?**

What is a business object (BO)?



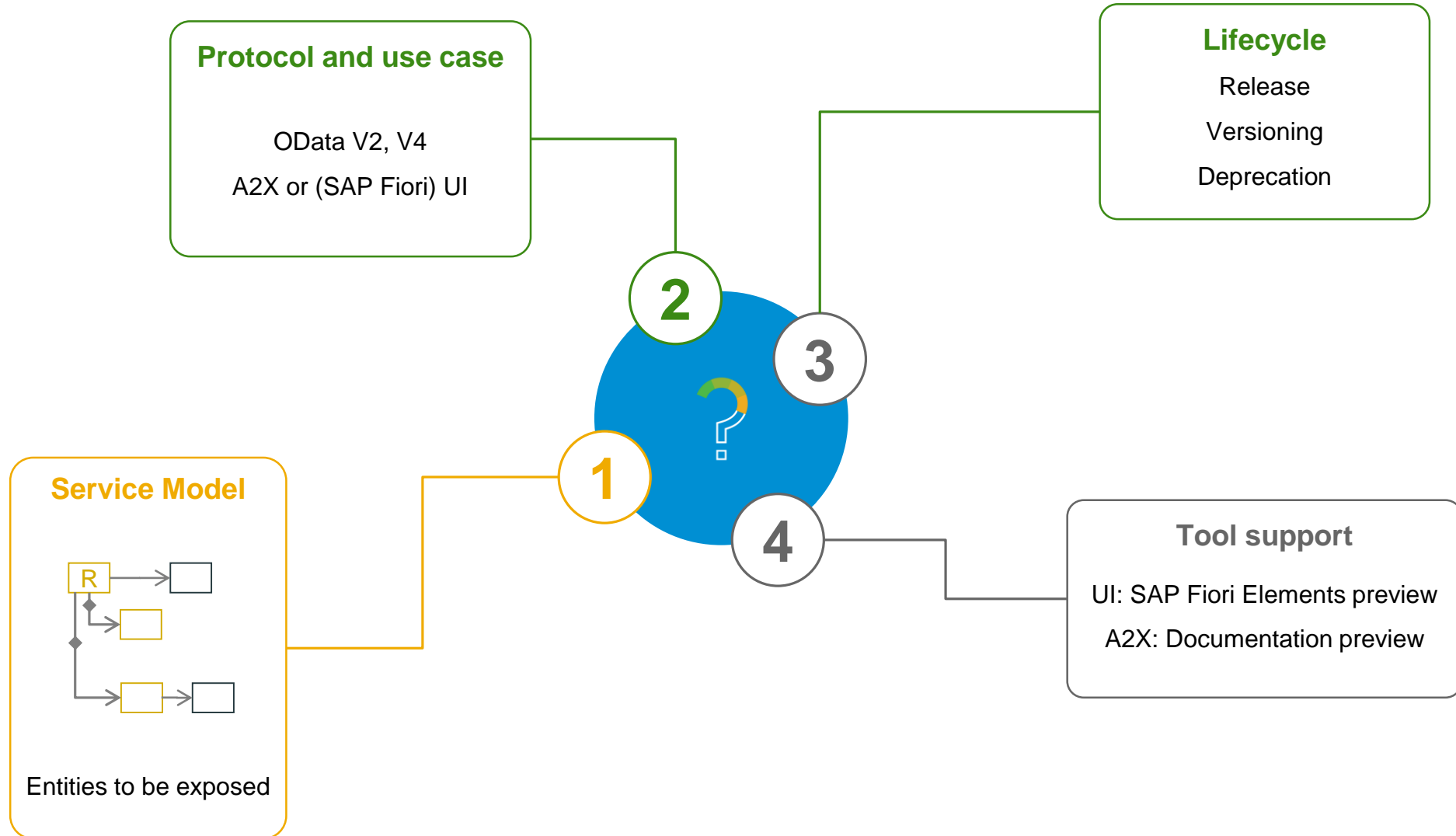
ABAP RESTful Programming Model: Development Flow



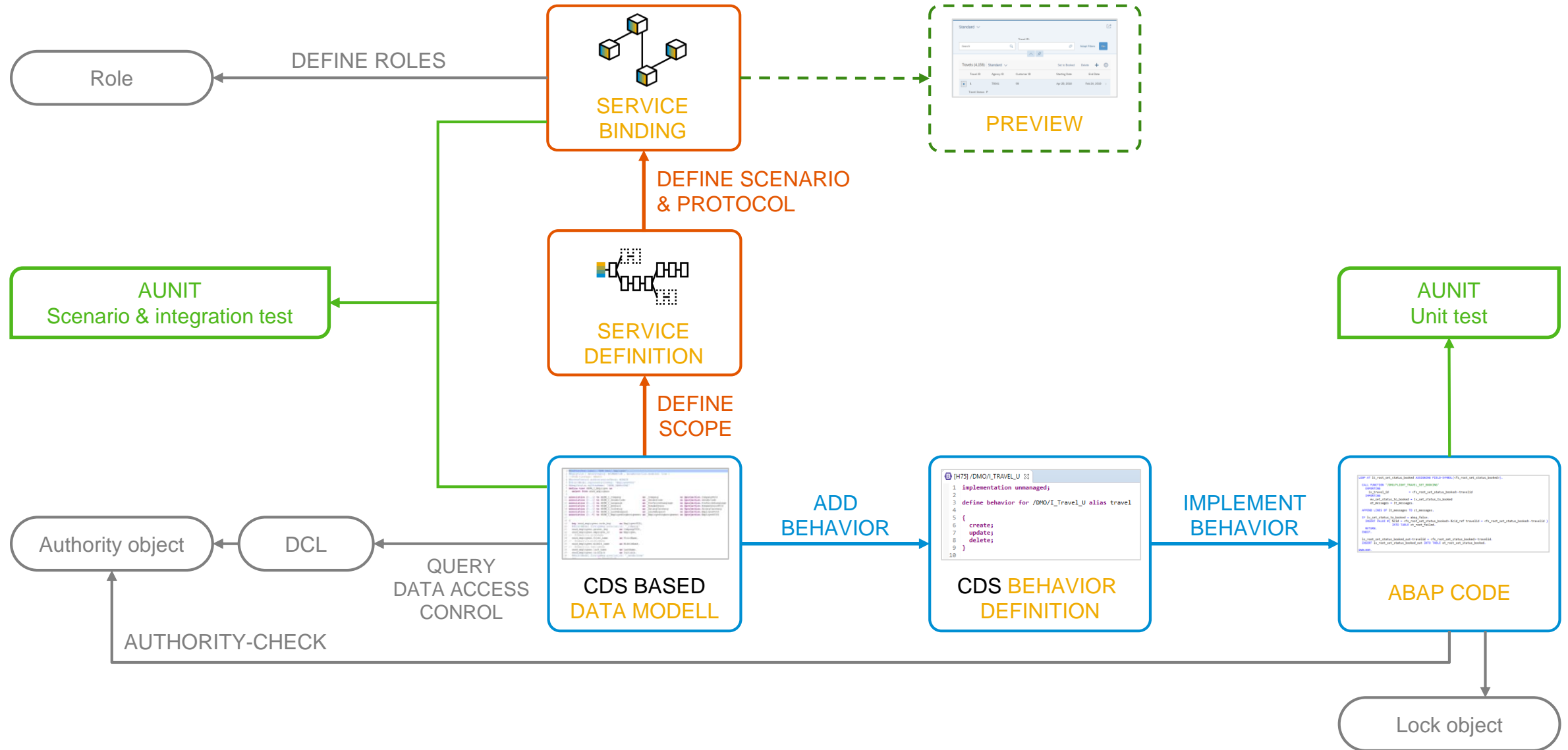


**WHAT IS A
BUSINESS SERVICE?**

What is a business service?



ABAP RESTful Programming Model: Development Flow



Demo

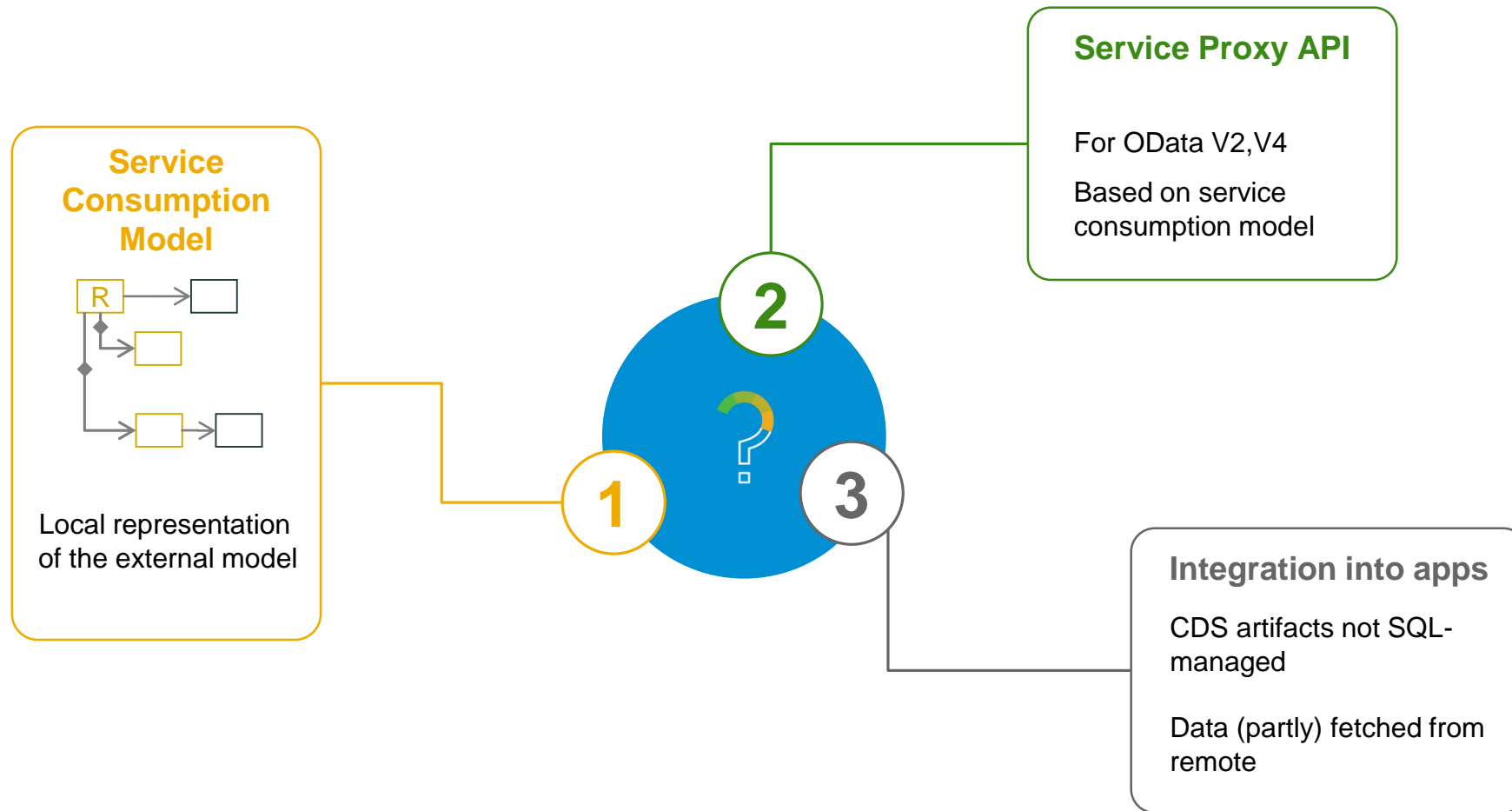


BO modeling,
BO implementation
BO access via EML in AUNIT
Expose Business Object as (SAP Fiori) UI service with SAP Fiori Elements Preview



ODATA CONSUMPTION

What is required for a consumption scenario?



Demo



Expose Business Object as A2X service (e.g. S/4HANA)
Remote consumption from other system (e.g. SAP Cloud Platform ABAP Environment)

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CNA379 – Build a transactional SAP Fiori App with the ABAP Programming Model

CNA381 – Build a List Report App with SAP Fiori and the ABAP Programming Model

CNA654 – Build a SAP Fiori App with the ABAP Programming Model

CNA653 – Troubleshoot Your SAP Fiori App with ABAP Development Tools for Eclipse

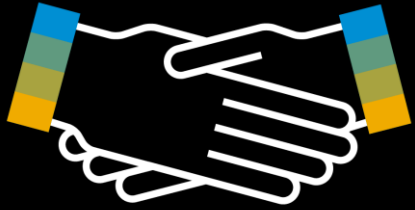
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Thanks for attending this session.



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Contact for further topic inquiries

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