



CNA375 – Build Node Applications Using the Programming Model for SAP Cloud Platform

PUBLIC

Speakers 2018



SAP TechEd Las Vegas

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Harini Gunabalan

Johannes Scheerer

SAP TechEd Barcelona

October 23–25, 2018

Harini Gunabalan

Elena Oresharova

SAP TechEd Bangalore

November 28–30, 2018

Vipin Vijaykumar

Lalith Manokar S

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Explore – Start with an overview

Get the 30,000ft view on the topic

 CNA111 Learn from SAP IT's Journey to SAP Cloud Platform	 CNA114 How-to Develop Smart Business Applications: Options and Guidance	 CNA115 Communication Hub for Agriculture Based on SAP Cloud Platform	 CNA119 Build Intelligent Solutions with SAP HANA DBServices and Big Data Services
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Discover – Get the details around a topic

Learn what it takes and how it fits your company's customers' needs

 CNA221 Overview and Walkthrough of Programming Model with SAP Cloud Platform	 CNA214 High-Productivity Full-Stack Application Development with SAP Web IDE	 CNA376 Build Applications with the Programming Model on SAP Cloud Platform	 CNA652 Less Than One Hour to a SaaS Application with SAP Cloud Platform
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Learn - Become competent

Dive deeply into the very heart of the topic and get your hands dirty

 CNA375 Build Node Applications Using the Programming Model with SAP Cloud Platform	 CNA262 Developing SAP HANA Database Modules with an Application Programming Model	 CNA384 Developing Enterprise Mobile Apps for iOS	 CNA635 Bring Workflow Capabilities to Your Custom Cloud Applications	 LT108 Smart Access to Corporate Information Using an Intelligent Corporate Search	 CNA462 Develop UIs for Microservices-Based Applications on SAP Cloud Platform	 CNA401 Testing of SAP Cloud Platform Applications Made Easy
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Expand your skills – Go beyond

Find out where and how to learn even more about the topic outside the limits of the TechEd event

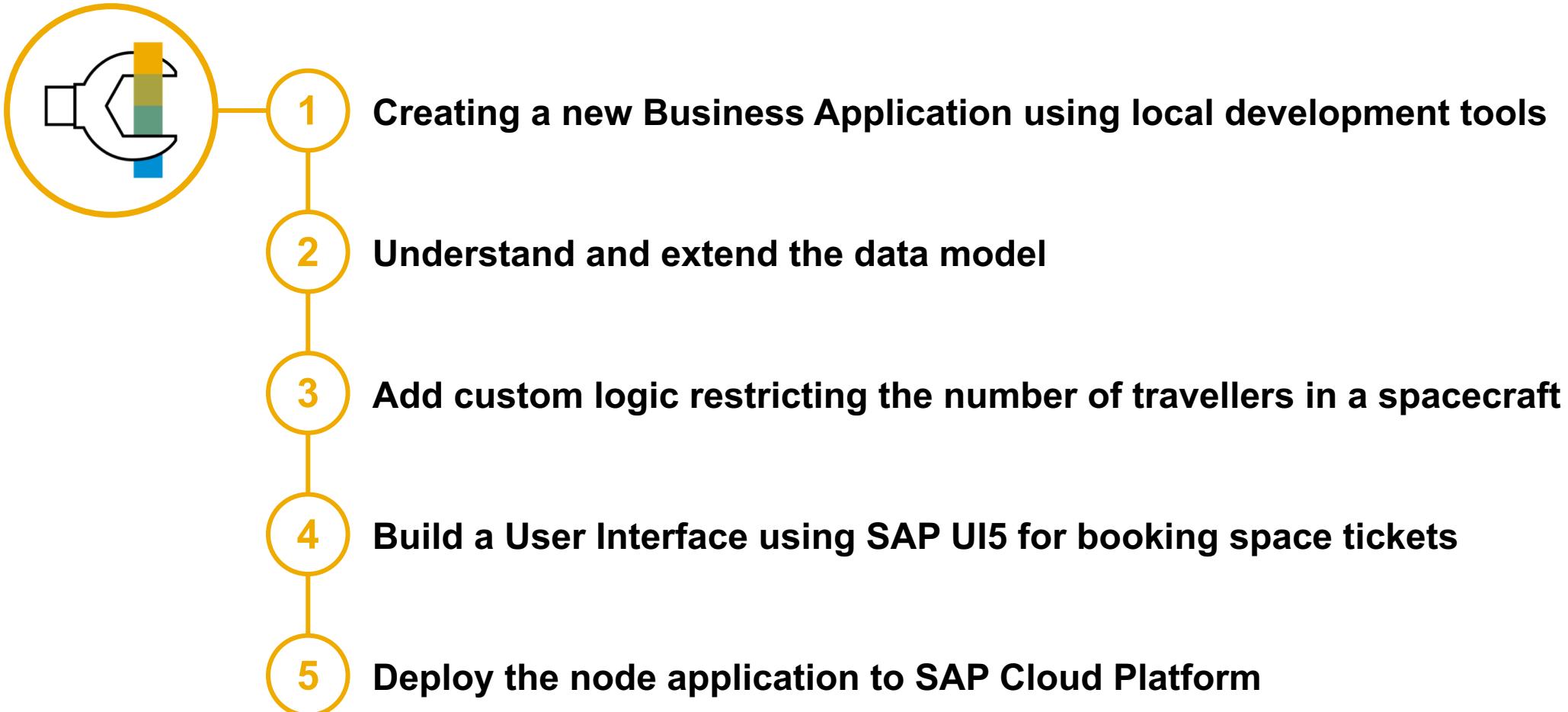
 ASUG Pre-Conference Seminars	 Recommended openSAP Courses	 Recommended Learning Journeys
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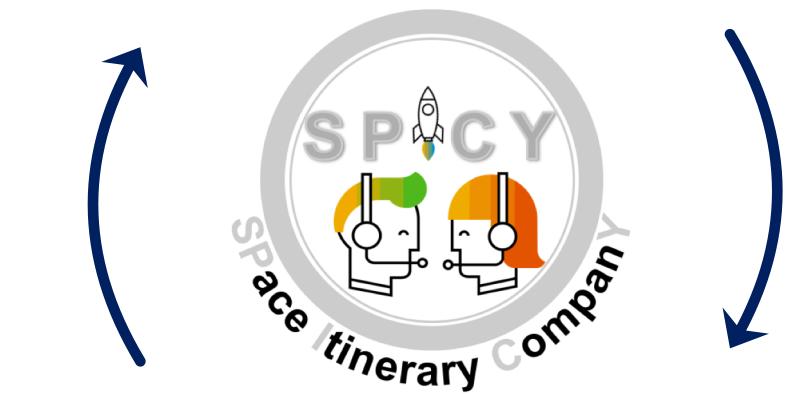
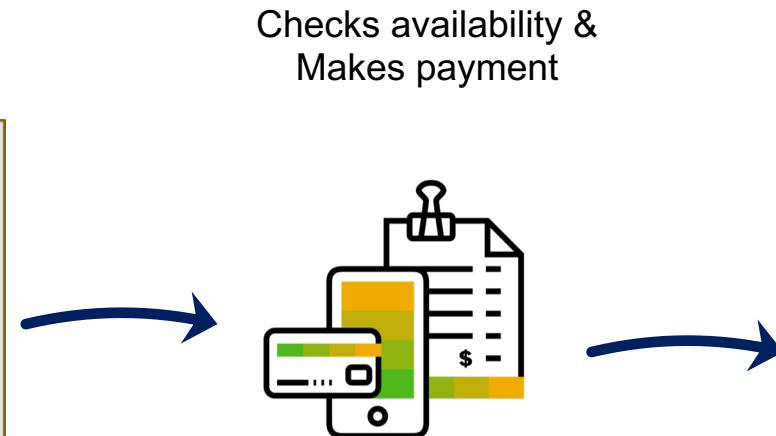
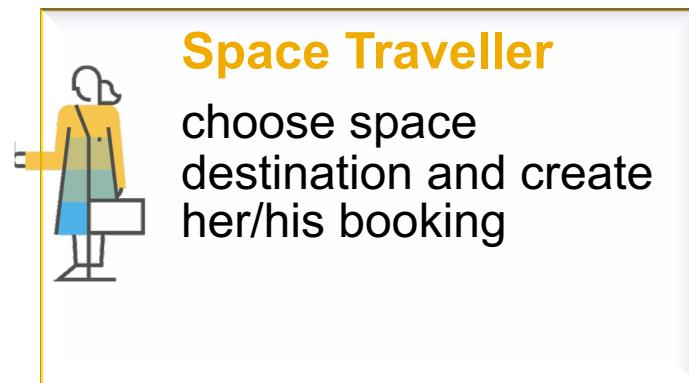
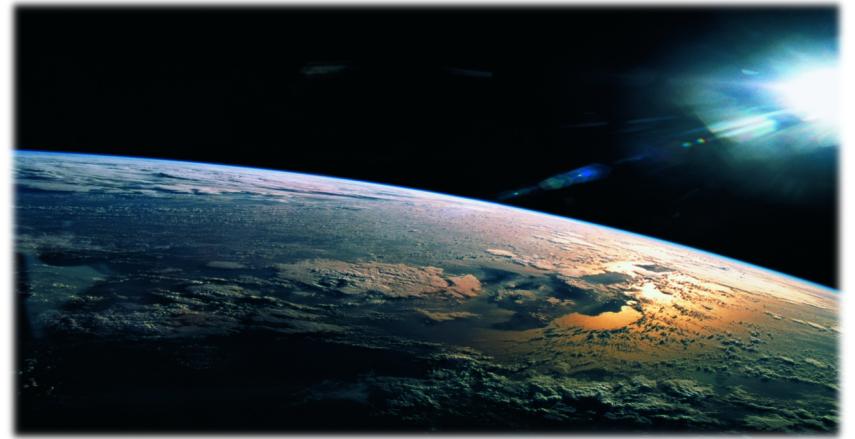
CNA8 - Build Intelligent Business Applications

What You'll Do In This Session

<https://github.com/SAP/cloud-sample-spaceflight-node>

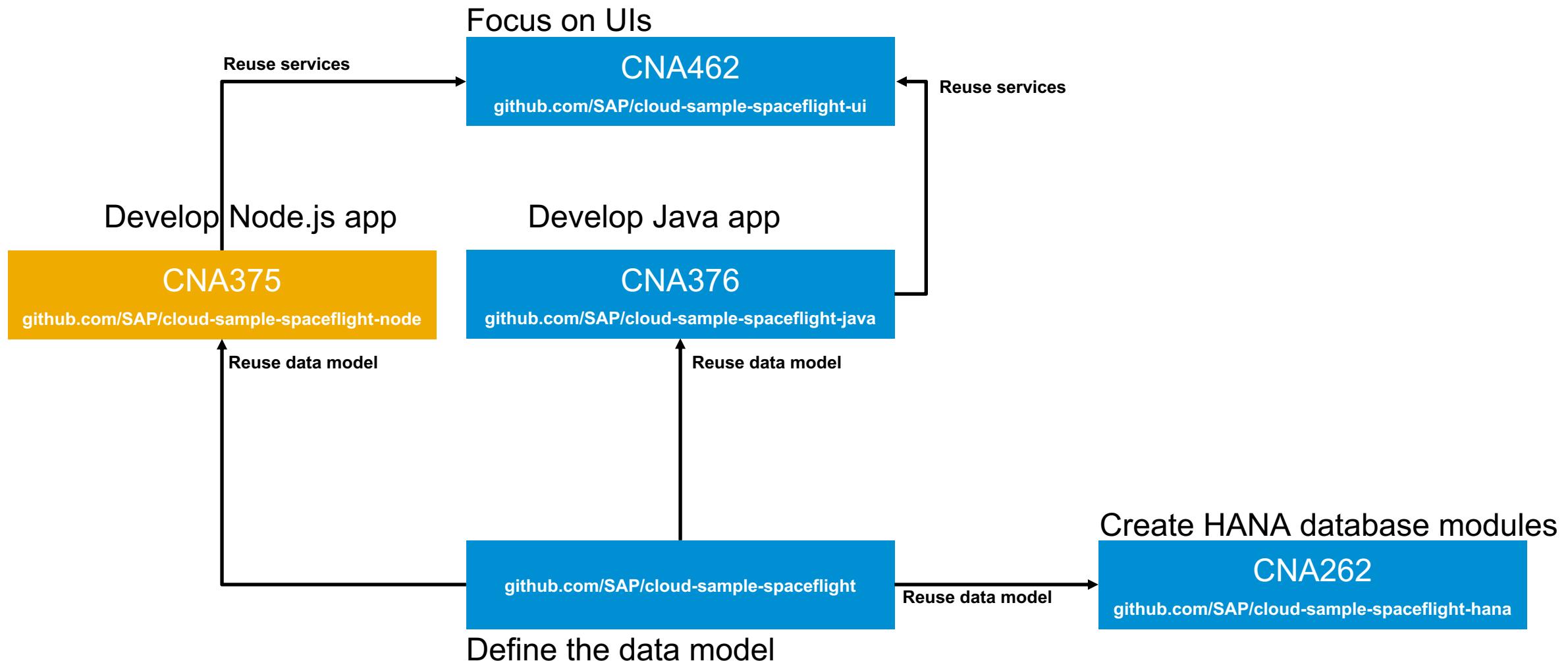


The Scenario: SPace Itinerary CompanY builds a website to book Space Trips



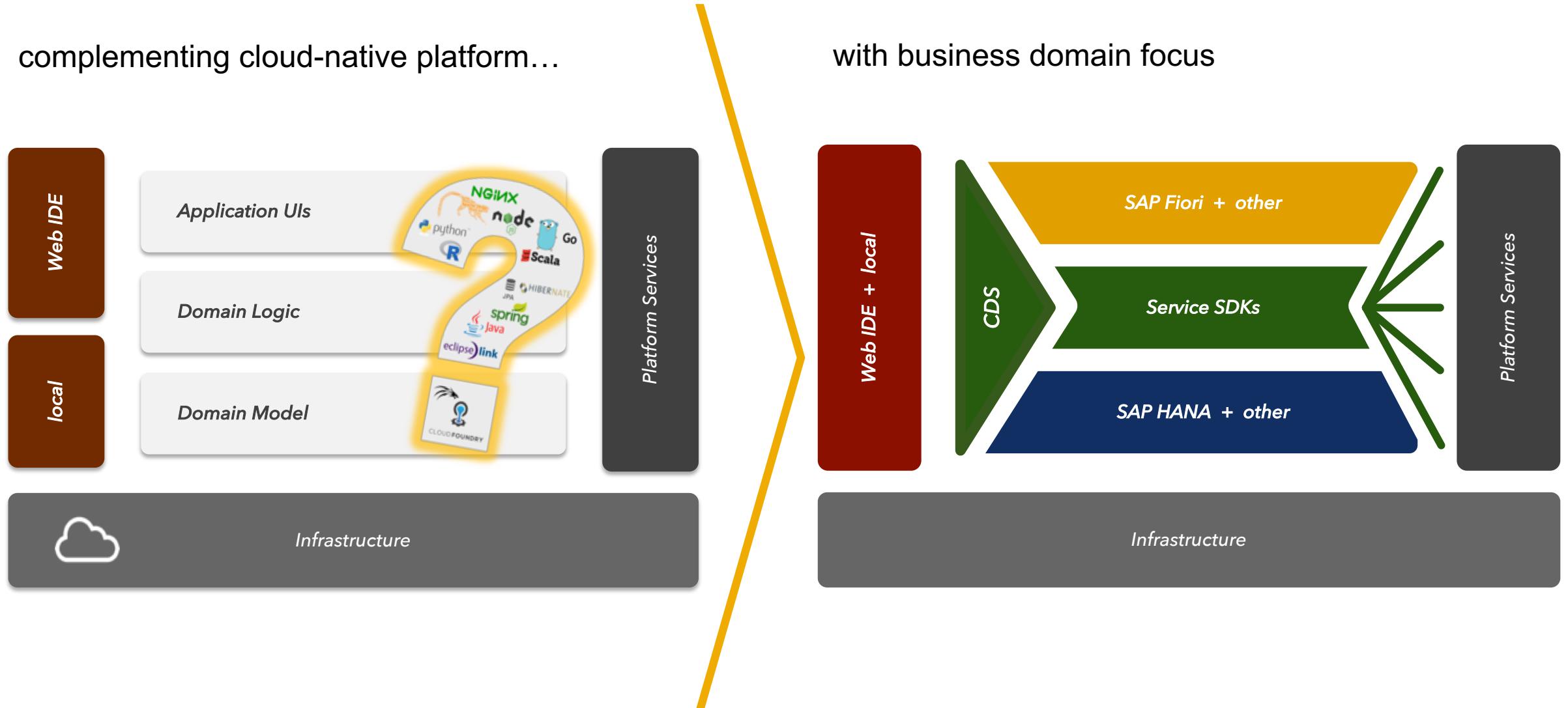
Github repositories for the space flight app

Dependencies

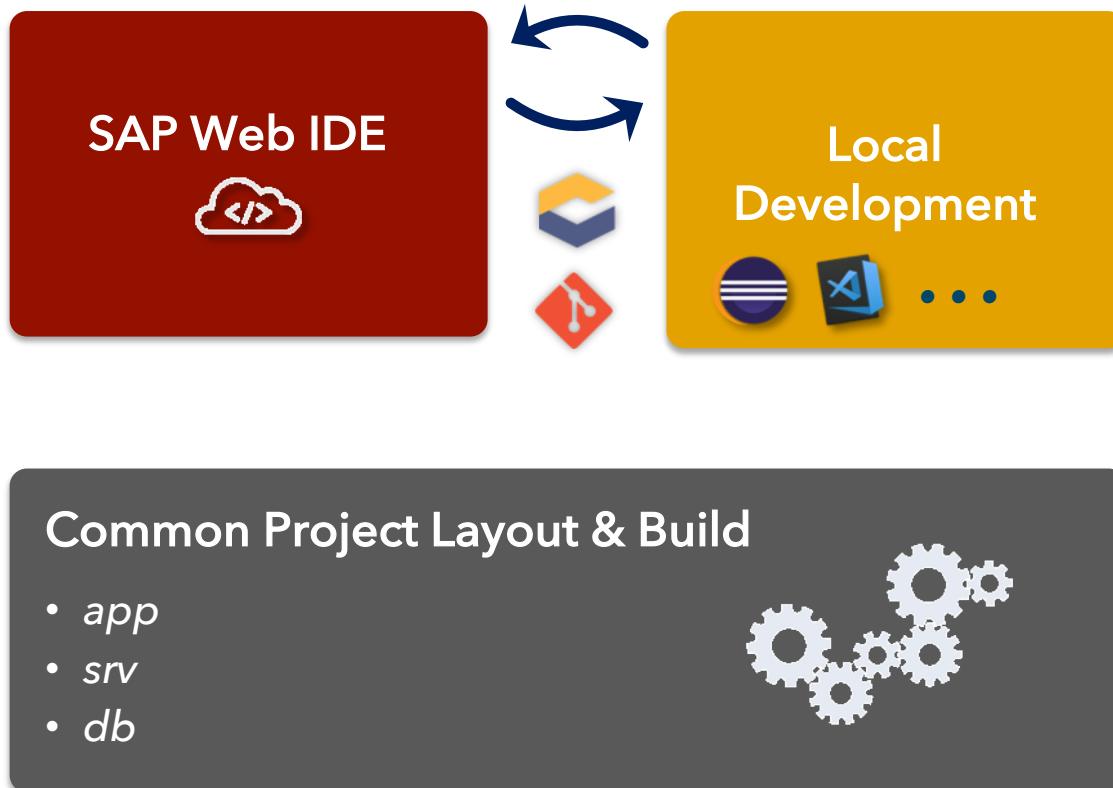


Overview – What is the Application Programming Model for SAP Cloud Platform?

complementing cloud-native platform...



Toolset – SAP Web IDE + Local Development



SAP Web IDE:

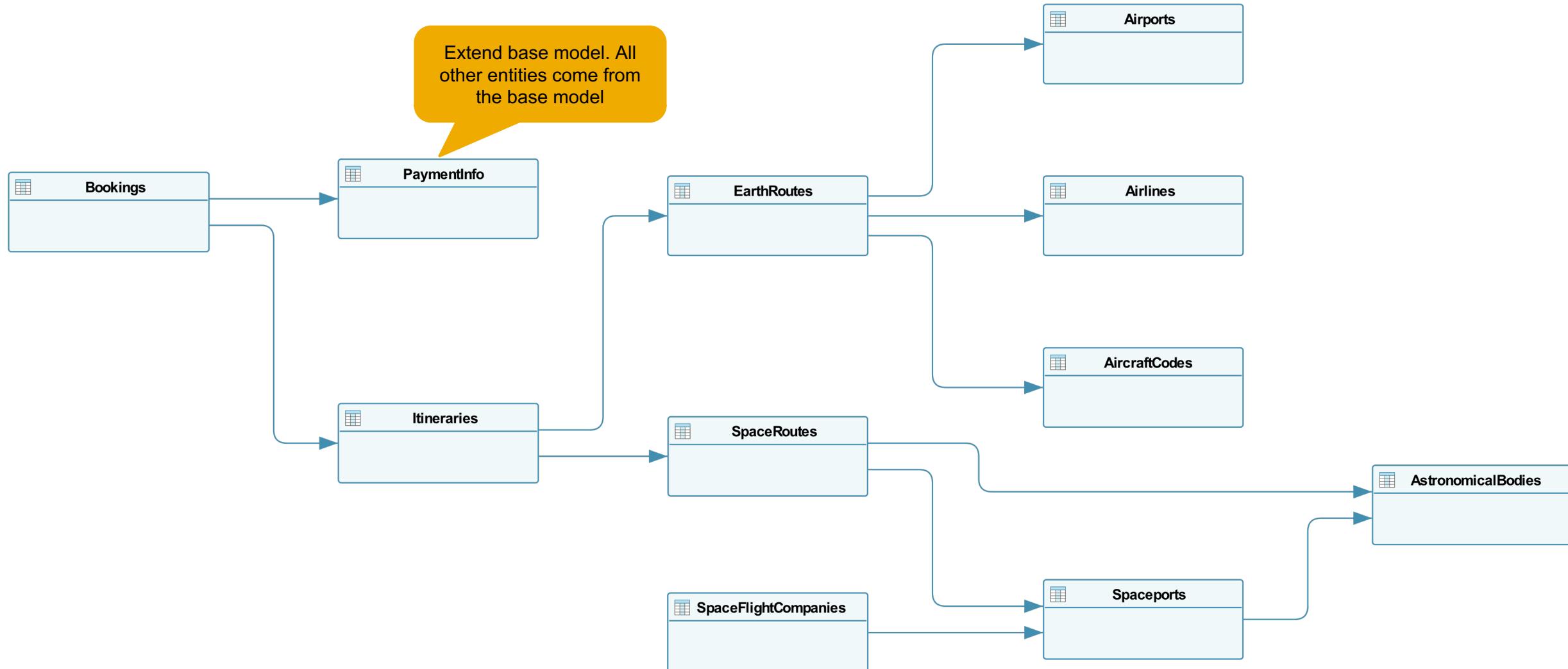
- Jumpstart development without local setup
- Easy integration with other services (e.g. S/4)

Local Development:

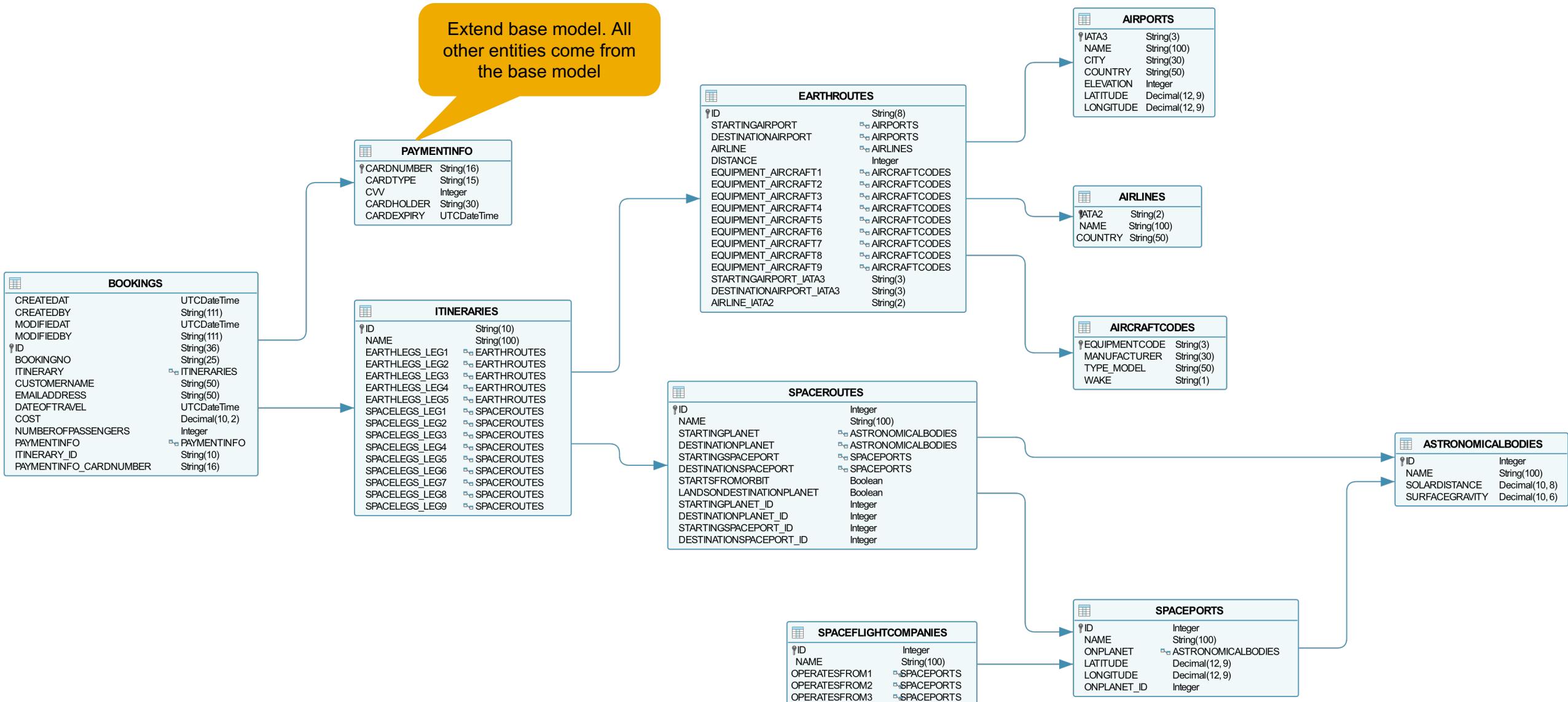
- CDS Editors for VSCode and eclipse
- Command-line tools (CLIs)

Switching between both

Understanding the data model



Understanding the data model (including attributes)



Create a booking

Name:

From:

To:

Date of travel:

 MMM d, y

Number of passengers:

 Enter a Number ...


You are done!

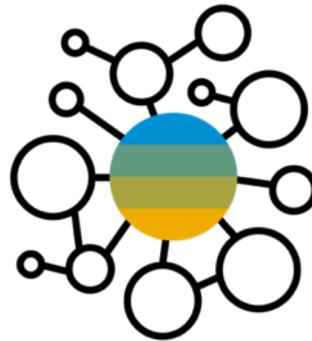
All upcoming Bookings of SPICY



Customer Name	Email	Date of travel	Cost
Mark Watney	mark.watney@martian.mars	Oct 1, 2018, 4:00:00 PM	2,432.00
Jasmine Bashara	jasmine@artemis.moon	Jan 24, 2019, 3:00:00 PM	1,499.00
Marvin the Paranoid Android marvin	marvin@hitchhikersguidetogalaxy.space	Dec 25, 2018, 3:00:00 PM	3,499.00
Captain Kirk	kirk@star.trek	Dec 13, 2018, 3:00:00 PM	1,269.56
Dr. Ryan Stone	ryanstome@gravity.iss	Nov 28, 2018, 9:00:00 AM	980.70

Summary

The **application programming model for SAP Cloud Platform** is SAP's programming model for building enterprise business applications by guiding developers with SAP best practices for full stack development.



Seamlessly integrates Open Source Software and SAP technologies into one consistent **e2e programming model** and development experience



Light-weight & modular implementation of CDS allowing rapid development of persistency, business logic and UI, tailored for SAP Cloud Platform



Guides developers with by providing a set of enterprise-grade tools, languages and libraries, allowing them to **focus only on their domain logic**

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The screenshot shows the SAP TechEd Online homepage. At the top, there's a navigation bar with the SAP TECHED | Online logo, Home, 2017 Videos, Archive, Blogs, SAP TechEd, and a Registration button. Below the navigation is a large banner with the text "SAP TechEd Online" and "Registration for Las Vegas is Open Now". It includes a "Get Registration Information" link and icons of people and a camera. The background of the banner features a stylized crowd of people. To the right of the banner is a "Featured Blog" section. It features a circular profile picture of a woman, followed by the text "SAP TechEd in 2018: Register for this Year's Ultimate How-to Learning Adventure". Below this, there's a paragraph about the 2018 event and a "Go To Blog" button.

Further information



Related SAP TechEd content journeys

- OPP2 – Build Cloud Native Apps with SAP Cloud Platform
 - CNA7 – Rapidly Build Cloud Application Using High Productivity tools
 - DAT3 – Build applications using SAP HANA native development
-

Related SAP TechEd sessions

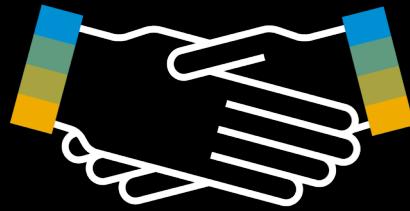
- CNA221 – Overview and Walkthrough of Programming Model with SAP Cloud Platform (Lecture 1hr)
 - CNA214 – High Productivity Full-Stack Application development with SAP Web IDE (Lecture 1hr)
 - CNA376 – Build Applications with the Programming Model on SAP Cloud Platform (Hands-on 2hr)
 - CNA462 – Develop UIs for Microservices Based Applications on SAP Cloud Platform (Hands-on 2hr)
 - CNA262 – Introduction to SAP HANA Database Artifact Development (Hands-on 2hr)
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Public SAP Cloud Platform Websites

- SAP Cloud Platform: <https://cloudplatform.sap.com/index.html>
 - SAP Cloud Platform Community: <https://www.sap.com/community/topic/cloud-platform.html>
-

SAP training and certification opportunities

- [SAP Cloud Platform Cloud Foundry Environment Learning Journey](#)
www.sap.com/education



Thanks for attending this session.

THE BEST RUN 



Feedback

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Contact for further topic inquiries

Harini Gunabalan
Product Manager
harini.gunabalan@sap.com
[@harinigunabalan](https://twitter.com/harinigunabalan)