

Agile Design e DevOps con SAP Cloud Platform

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#redhatosd

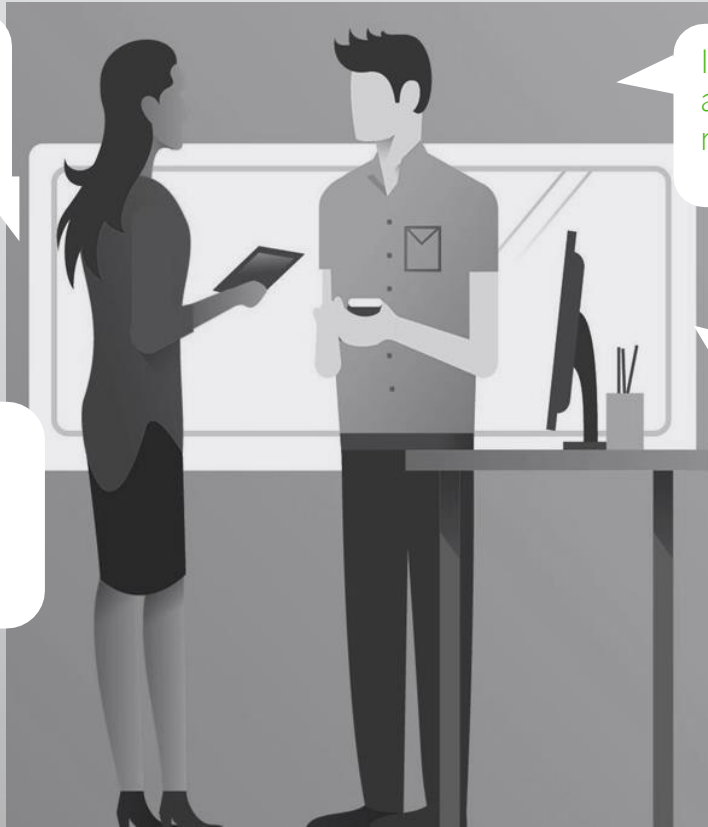
A hundred times a week your users want “an app for that”, but delivering reliable apps in a timely manner is hard

We need to continuously add new features and get them to our users with minimal disruption

But, we do not have a collaborative development environment or an easy way to provision dev and test environments

I need to find a way to deploy new applications that deliver high-quality reliable services to users.

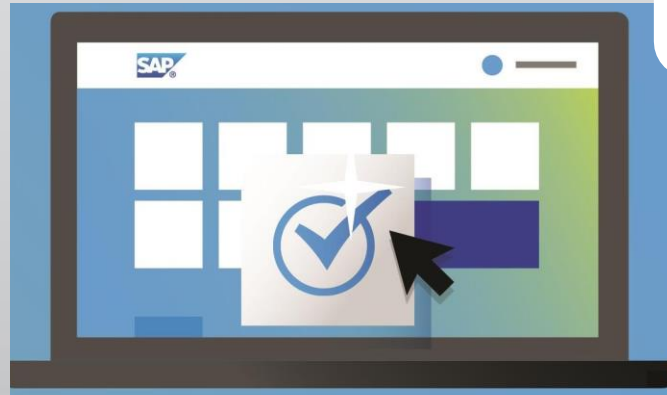
But, I do not have an easy way to deploy enhancements, monitor operations, and provide feedback to the dev team in timely manner.



You need a faster, simpler way to deliver innovation with agile and collaborative DevOps tools and services in the cloud

The backlog of requests from HR and marketing is skyrocketing

I do not know how to accelerate the pace of builds and synchronize with QA for a more agile and reliable app delivery



We do not have a cost effective and elastic way to provision preproduction and development environments

We need integrated tools and a simple, synchronized and on on-demand way to scale our dev and operation capabilities to ensure a prompt and reliable innovation delivery to users.

SAP Cloud Platform

Customer Innovation Platform that Leverages Core Business Applications

SAP Ariba   CONCUR SAP SuccessFactors 
SAP Fieldglass  SAP Hybris  

Optimize Your
Core Processes

Predictable
Well understood

Core SAP Solutions

Works with Your
Core Business
Applications to
Connect Data and
Business
Processes

Works with SAP
Cloud Platform to
Deliver Data and
Business
Processes to
Lightweight Apps

SAP Cloud Platform

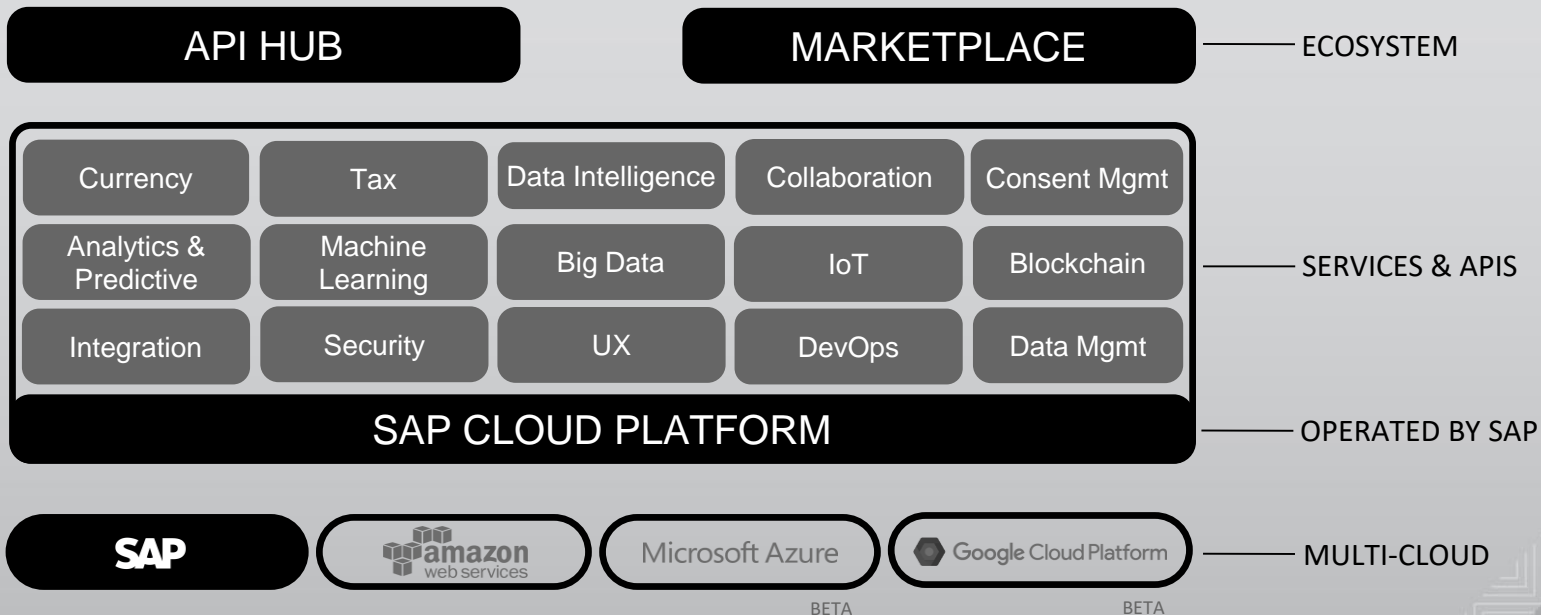
Differentiate
Your Business

Exploratory
Experimental
Evolving

CLOUD  FOUNDRY

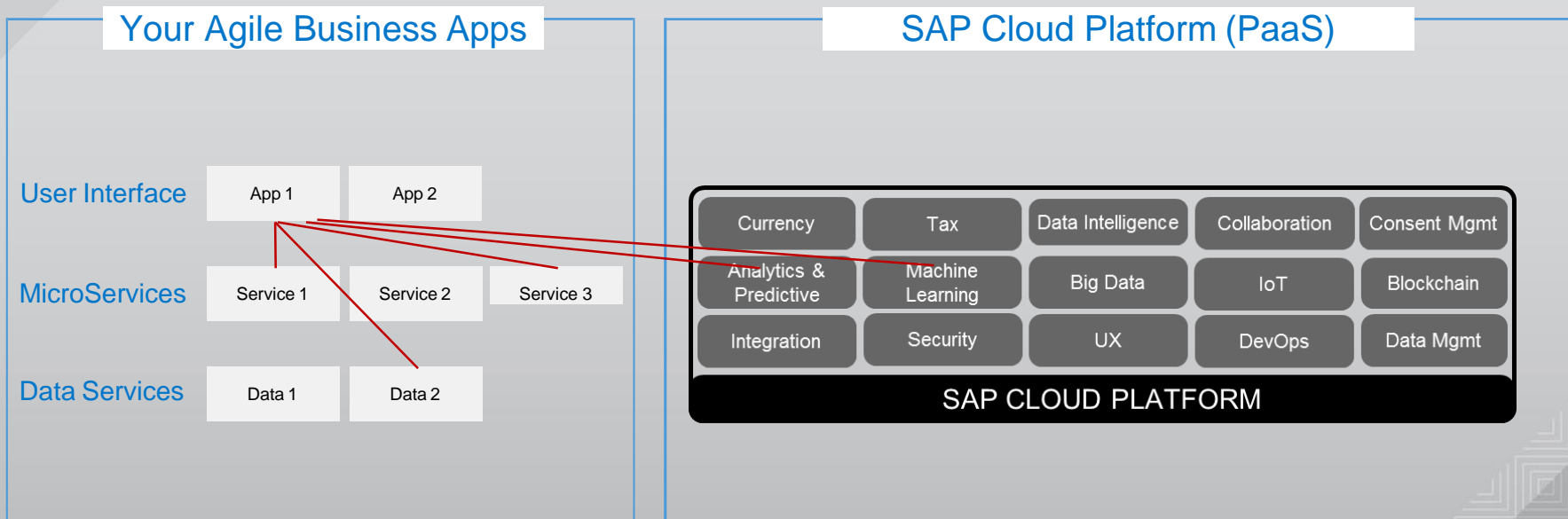


SAP Cloud Platform: a growing set of rich services, available on all major IaaS providers



Use SAP CP Services and build your own MicroServices

Ever increasing set of built-in services



DevOps in SAP Cloud Platform

Agile design, development, and operations across the innovation lifecycle

Enable collaboration between business and development

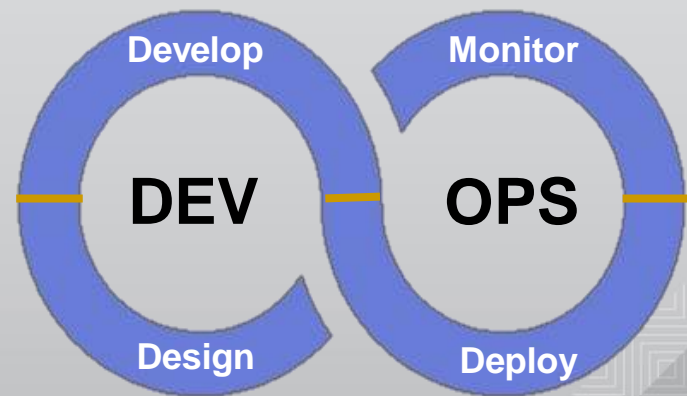
- Rapid prototyping
- Get feedback from users

Open development paradigm

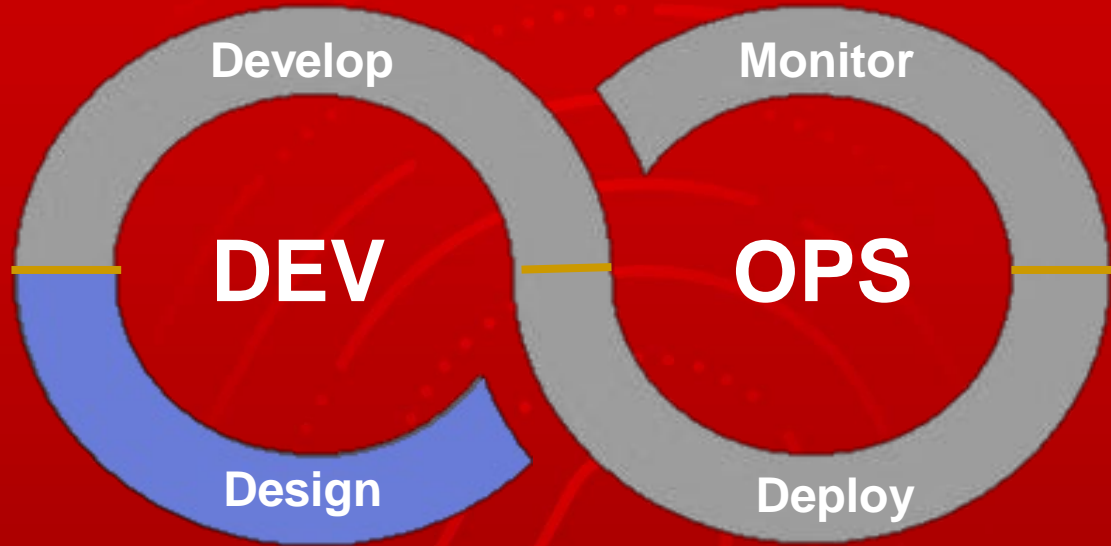
- Bring Your Own Language
- Leverage Open Source and Industry standards
- Enable Low-Code Developers

Operate in the cloud

- Built-in Ops services

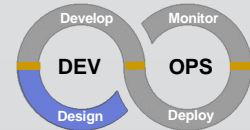


SAP Cloud DevOps Services: Design



Collaborative design tools for fast results and adoption

Allow business users to collaborate in the design process



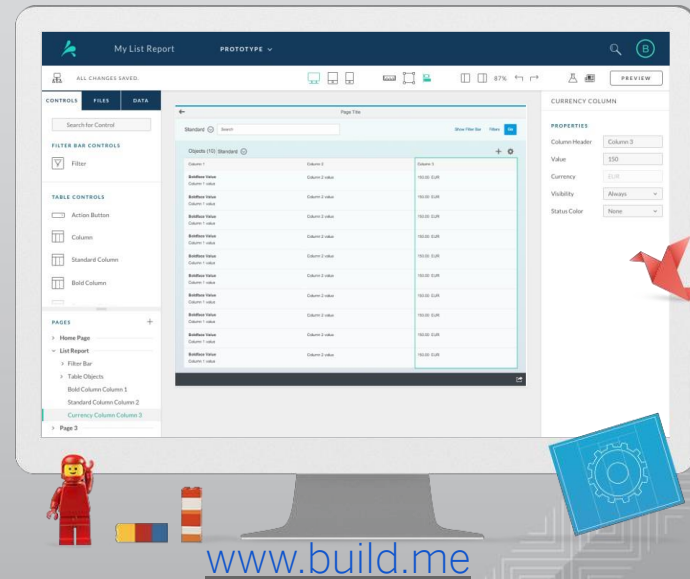
BUILD is cloud based collaborative design tool that makes it easy for anyone to learn and apply design thinking principles to any IT project

Key capabilities

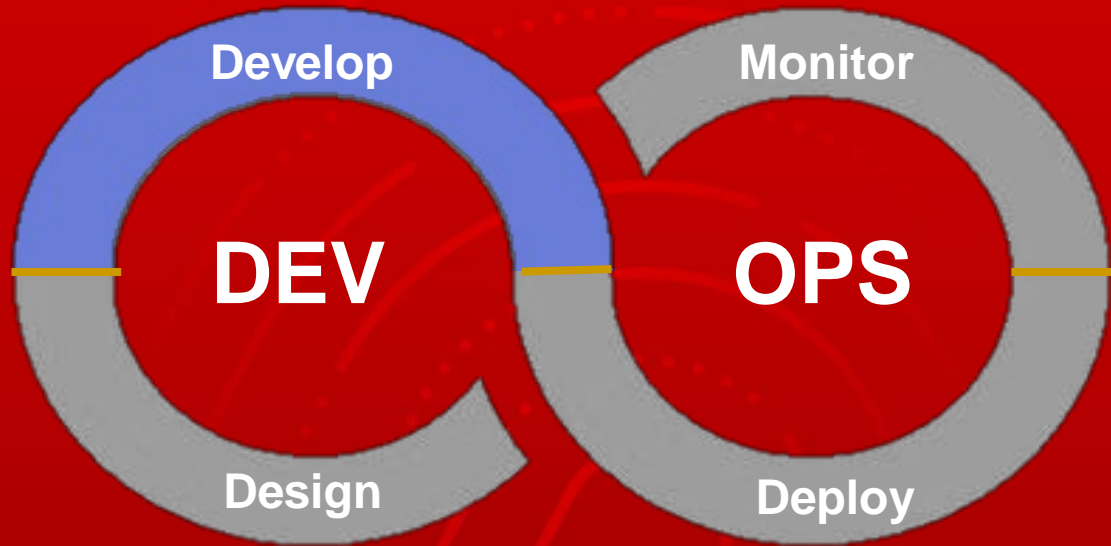
- Create interactive prototypes without the need for development
- Integrated end-user feedback
- Realistic sample data: add data in-line, import data from Excel, or bind to real services
- Design with real Fiori controls, floor plans and smart templates
- Jumpstart development through the generation of UI5 code and integration with Web IDE

Benefits

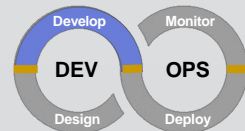
- Incorporate user feedback prior to development, reducing frequency of costly change requests
- Lower UI development costs
- Increased end-user satisfaction



SAP Cloud DevOps Services: Develop



Broad choice of development options



Java

- Develop, deploy and operate Java applications
- E.g. complex integration projects



Node.js and HTML5

- Develop and run Node.js and HTML5 applications
- Benefit from multiple Node.js packages available and SAPUI5 code templates



Python

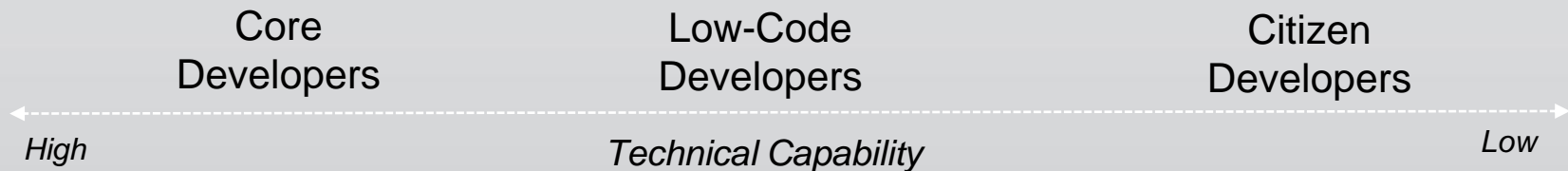
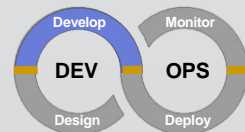
- Develop and run Python applications in the cloud
- Use multiple libraries available for data manipulation, machine learning and analysis



BYOL

- Bring your own language and runtime of choice
- Choose from existing buildpacks or develop your own

Different Dev Tools for different skill sets!



Dev Tools

SAP Cloud Platform App Development Tools		
SAP Web IDE / Eclipse	SAP Rapid App Development by Mendix	Coming Soon...

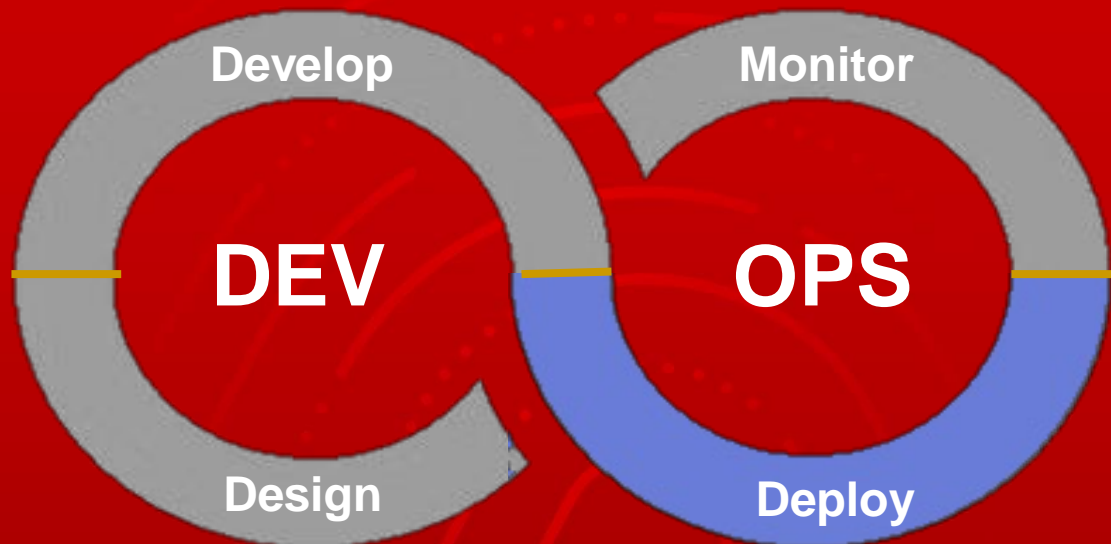
Mobile

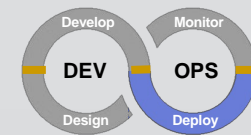
SAP Cloud Platform Mobile Services		
<i>SDK for iOS</i>	<i>Mobile development kit</i>	<i>Mobile card development kit</i>

Design and Prototyping

BUILD - Prototyping and user research		
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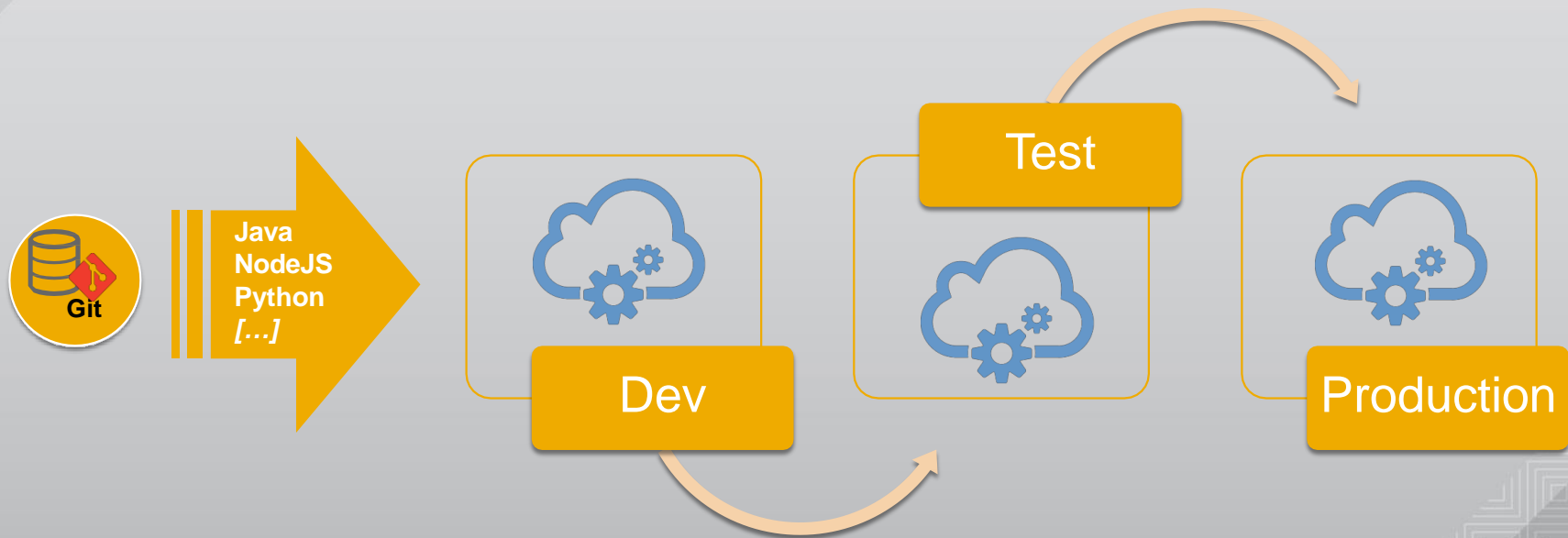
SAP Cloud DevOps Services: Deploy



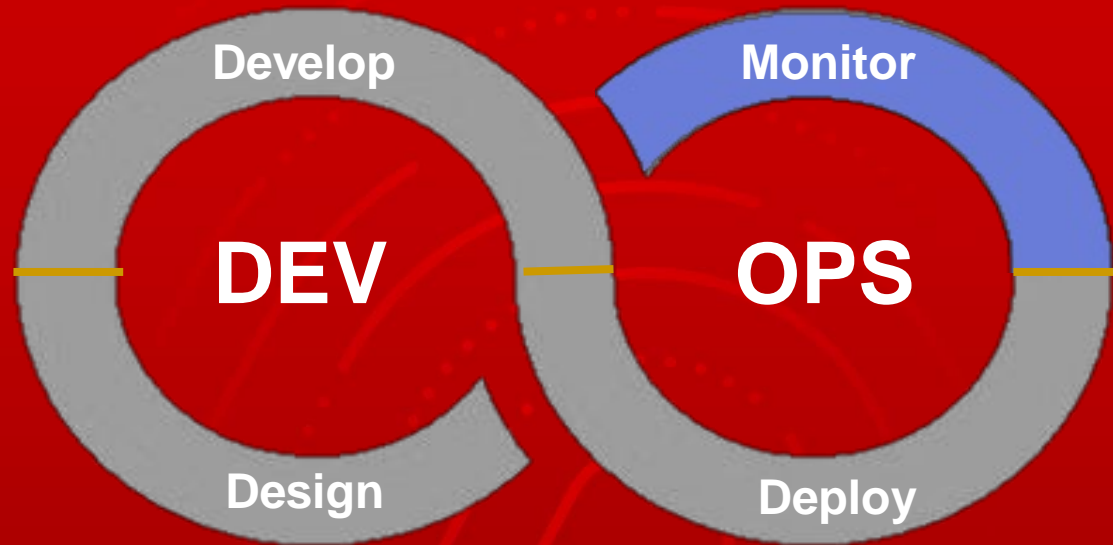


GIT Service

Leverage GIT Repositories for artifact deployment

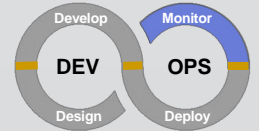


SAP Cloud DevOps Services: Monitor



Monitor your applications

SAP CP provides built-in tools to monitor operations



Java applications:

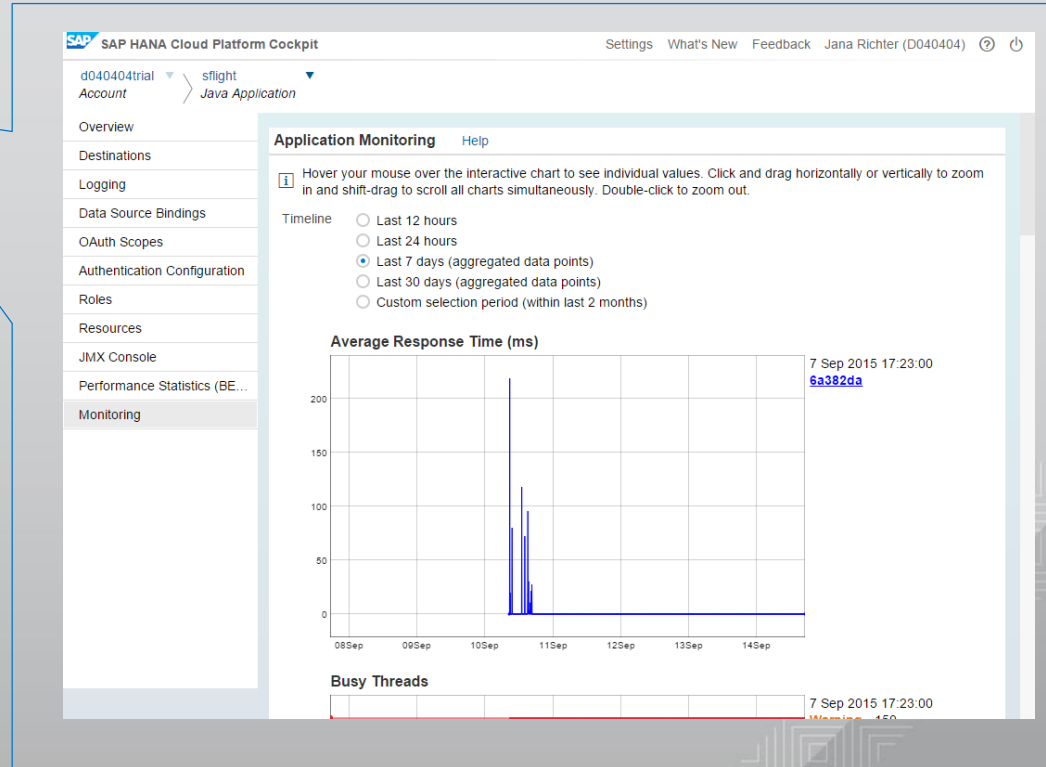
- Application monitoring + performance statistics

HTML5 applications

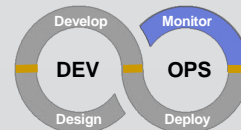
- Log viewer available collecting error messages

HANA XSJS applications:

- Monitor health statistics for HANA instances
- Create availability check for your applications + configure email notifications



Analyze usage and gather feedback



Feedback Service (beta)

- Collect end-user feedback for your apps
- Feedback analytics, rating distribution and detailed text analysis of user sentiment



SAP Web Analytics (beta)

Enable intelligent, data-driven decisions via Real-Time Tracking and Web Analytics

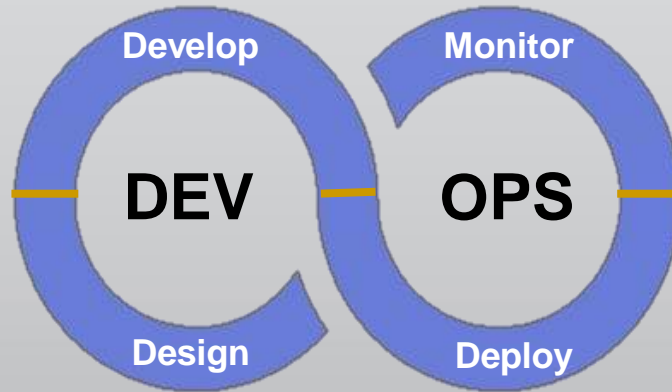
- Usage tracking for cloud applications and websites
- Real time reporting of click-stream data

SAP Cloud Platform

The Platform for Enterprise DevOps

Dev

- Start with interactive prototypes using BUILD
- Leverage pre-built services
- Develop HTML5 Apps with SAP Web IDE or Eclipse
- Develop MicroServices in Java, XSJS or your runtime of choice
- GIT repository for artifact management



Ops

- “Platform as a Service” means much of operations is provided
- Performance monitoring and analytics provided by the platform
- Manage user needs and issues with Feedback Service

SAP Cloud Platform

Get Started Today!



Learn More!

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Account Executive



RED HAT OPEN SOURCE DAY

Europe, Middle East & Africa



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