



# SAP Cloud Application Programming Model

<https://cap.cloud.sap>

## Roundtable #2

July 6th, 2022

PUBLIC

Today's hosts:



**Sebastian Schmidt**



**Michael  
Hellenschmidt**

THE BEST RUN



# Agenda



**Introduction:** Topics from last roundtable 05 min

**reCAP hybrid 2022** 10 min

- Summary – Sebastian Schmidt

**Demo #1** 20 min

- Deployment to Kyma – Uwe Klinger

**Demo #2** 20 min

- Streamlined MT + outlook to extensibility – Daniel Hutzler / Eckart Liemke

**Open discussion** 35 min

# Please introduce yourself and interact with your peers



Please give a brief introduction

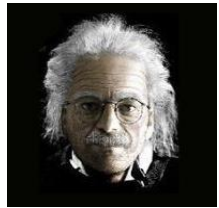
- In the chat:
  - Name
  - Company
  - Location
  - Role
  - What are you looking for from this group?
  - Your experience with CAP

# We are providing access to the people that drive product development

## CAP Leads



Ole Lilienthal  
Head of unit



Daniel Hutzel  
CPO

## Product Owners



Steffen Weinstock



Johannes Vogel



Matthias Braun



Adrian Görler



Christian Georgi

## Areas

CDS / Compiler

Node.js runtime

Java runtime

Tools

# Summary of First CAP Customer Roundtable in April

You have asked for these **topics in last roundtable**:

- Multi Tenancy / Extensibility → today
- Dedicated session with Fiori Elements / annotations
  - Check-out [reCAP recordings](#)
    - Mariana Naboka: IntelliSense for UI annotations in CAP CDS
    - Christian Kolbowski: It's never been easier to create an SAP Fiori app for your CAP project
  - Get back to us if there is still need for a dedicated session
- Programmatic use of `cds import` (M. Stenzig) → addressed directly

re>≡CAP hybrid

Summary of reCAP 2022



RIZING

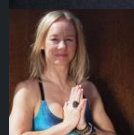
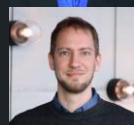
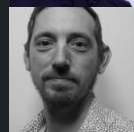
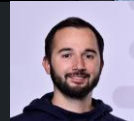
j&s-soft GmbH

SAP

REPLY

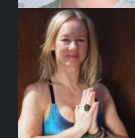
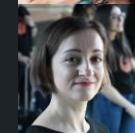
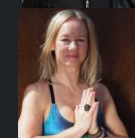
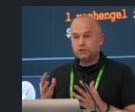
# Agenda | Day 1

re>CAP hybrid



Time	Session
02:00	<b>Keynote</b> Daniel Hutzel, DJ Adams
03:00	<b>Let CAP talk to your users</b> Marius Obert
03:30	<b>Power up your CAP app with Firebase...</b> Jorg Thuijls
03:55	<b>5 Min Yoga refresher</b> Brigitte Felzmann
04:00	<b>Geospatial breadcrumbs through CAP</b> Martin Stenzig
04:30	<b>Easy maintenance for multi-ten. BTP apps</b> Richard Lindner
04:55	<b>5 Min Yoga refresher</b> Brigitte Felzmann

Time	Session
05:00	<b>CAP with Remix</b> Leo van Hengel
05:30	<b>Grow your app with latest CAP Tools</b> Christian Georgi
05:55	<b>5 Min Yoga refresher</b> Brigitte Felzmann
06:00	<b>IntelliSense for UI annotations in CAP CDS</b> Mariana Naboka
06:30	<b>Digital Services for Customers with CAP</b> Sebastian Esch
06:55	<b>5 Min Yoga refresher</b> Brigitte Felzmann
07:00	<b>Evening Event</b>



# Agenda | Day 2

re>CAP hybrid

Time	Session
09:00	<b>Key User Extensibility with CAP &amp; UI5 Flex</b> Nik Josipovic
09:30	<b>Develop CAP apps – The low code way</b> Tim Back, Yuval Anafi
09:55	<b>5 Min Yoga refresher</b> Brigitte Felzmann
10:00	<b>CAP w/ PostgreSQL on multiple platforms</b> Gregor Wolf
10:30	<b>onPrem to Cloud and return</b> Maximilian Hartig
10:55	<b>5 Min Yoga refresher</b> Brigitte Felzmann

Time	Session
11:00	<b>Supercharge CAP Java with Spring Boot</b> Robin de Silva Jayasinghe
11:30	<b>It's never been easier to create Fiori apps...</b> Christian Kolbowski
11:55	<b>5 Min Yoga refresher</b> Brigitte Felzmann
12:00	<b>Running CAP apps in a private K8S cluster</b> Petr Plenkov
12:30	<b>SaaS publ. data provider for health insurance</b> Edgar Derksen
12:55	<b>5 Min Yoga refresher</b> Brigitte Felzmann

# Facts & Figures

re>CAP hybrid

- **Third iteration** on 1<sup>st</sup> & 2<sup>nd</sup> of June, 2022
- **Hybrid** approach
  - All presenters invited **onsite** to Rot, Germany
  - **Global broadcasting** event for participants
- **Two ½ days** + **after-event** on first day
- Unconference character stays – focus on **source code**
- Half of sessions given by **CAP community** – **great range**
- First time **Yoga refreshers** between sessions
- **Recordings:** <https://www.js-soft.com/recordings-of-recap-online-2022>

**17**

sessions

9

*by community*

8

*by SAP*

**~1.000**

attendees online

*(aggregated over two days)*

72%

*SAP external*

28%

*SAP internal*

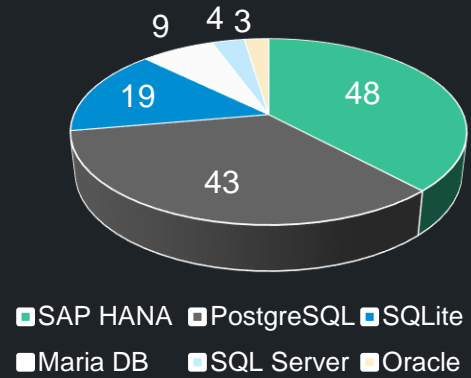
**~30**

attendees onsite

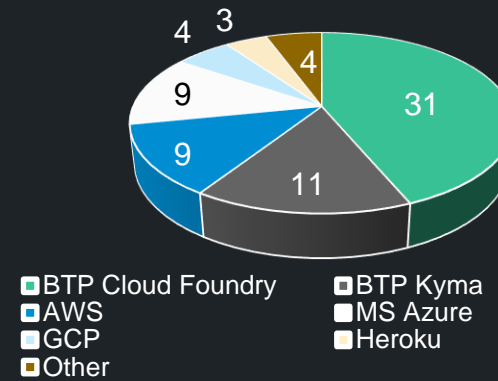
# Poll Results

re>CAP hybrid

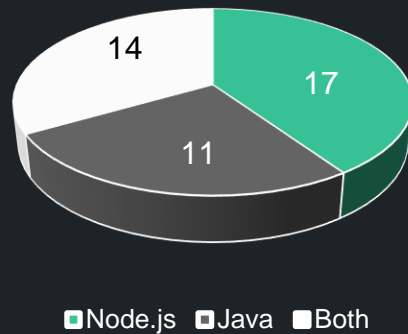
## Preferred DB



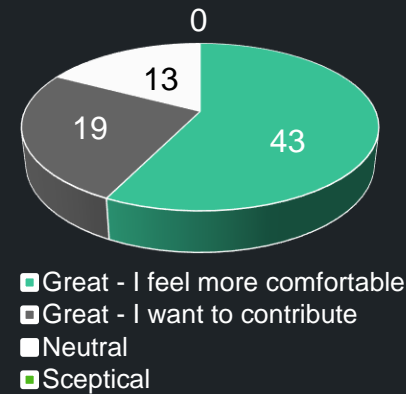
## Preferred Runtime

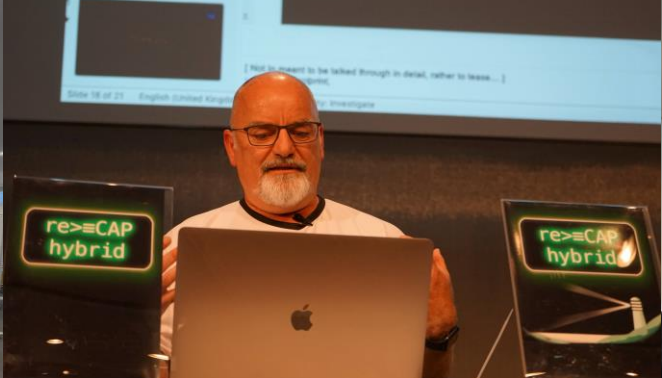


## For you, CAP is...



## CAP Open Source Plans





[More pictures here...](#)

## (Selected) Feedback

- CAP & HANA **Performance**
- Great interest in **GraphQL**
- **Open Source** valued a lot
- Additional DB support (**PostgreSQL**) remains a hot topic
- Overall a lot of **praise** (stability, support + feature delivery)
- **Onsite** conference incl. evening event is of **great value!**

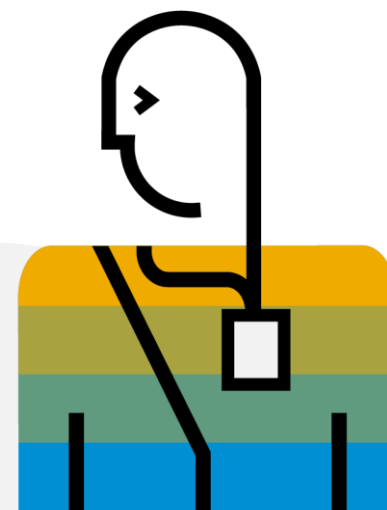
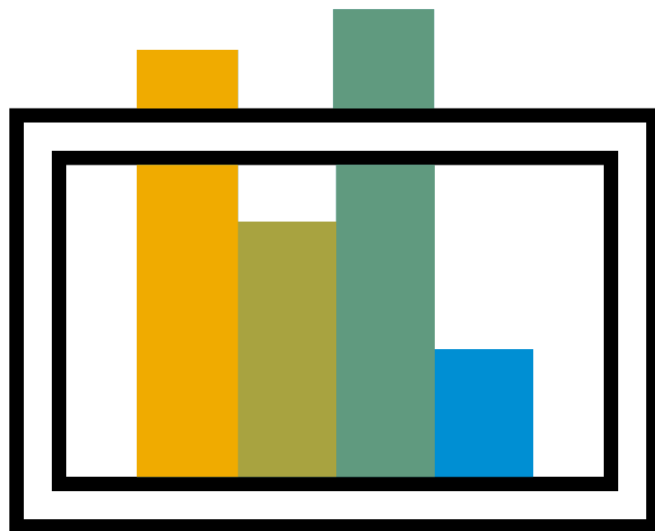
## First Ideas for reCAP 2023

- Full **on-site** conference (+ broadcasting)?
- Enhance with **Coding Jam** as entry event?
- Idea to bring **UI5con & reCAP** closer together?



# Demo #1

Deployment to Kyma – Uwe Klinger



# Deployment on Kyma: Scenario

Deployment on SAP BTP Kyma Runtime

Single Tenancy

Use of supported SAP BTP services

- HANA (with workaround)
- XSUAA
- Destinations, on-premise Connectivity
- ...

Use of HTML5 App Repository and Launchpad Service

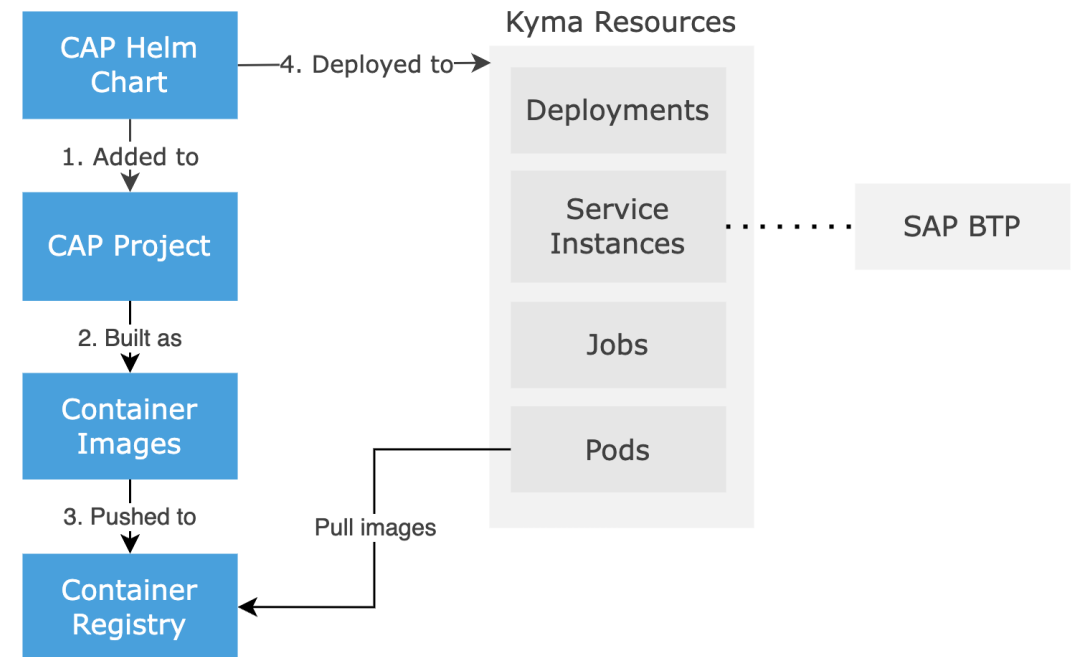
# Deployment on Kyma: Steps

## Prerequisites:

- Kyma Runtime instance
- HANA DB
- Container registry
- CLIs: `kubectl`, `kubectl-oidc_login`, `docker`, `pack`, `helm`

## Steps:

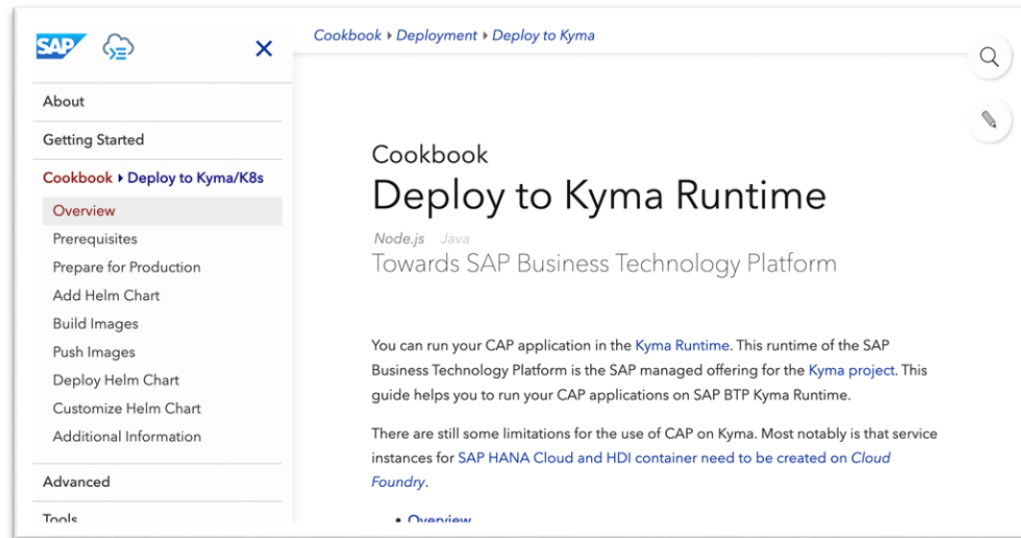
1. Add a Helm chart
2. Build container images
3. Push container images to container registry
4. Deploy Helm chart



# Deployment on Kyma: Resources

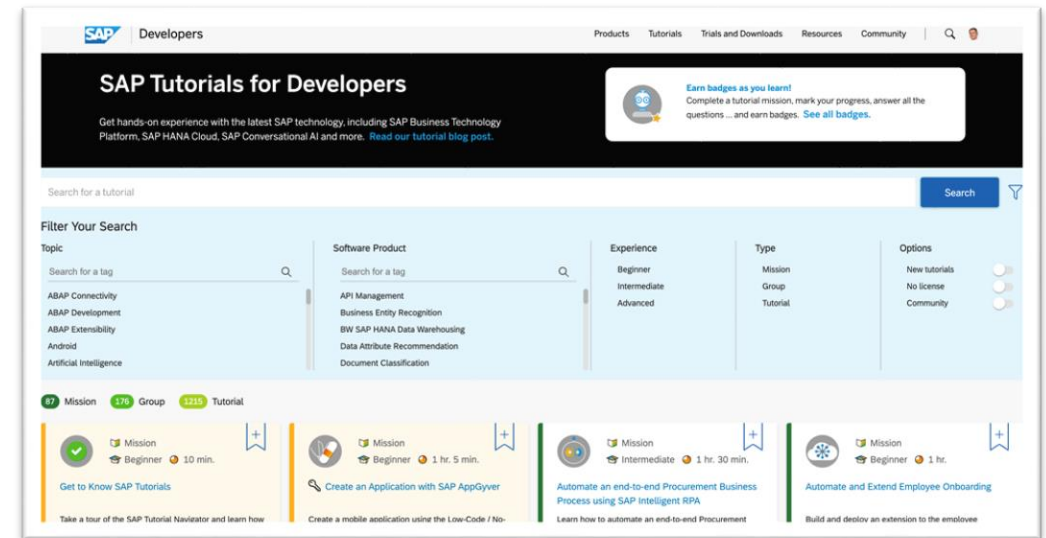
## Capire

→ Cookbook → Deployment → Deploy to Kyma/K8s



## BTP End-to-End Tutorial

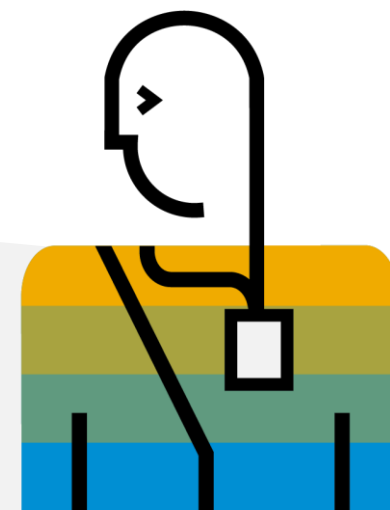
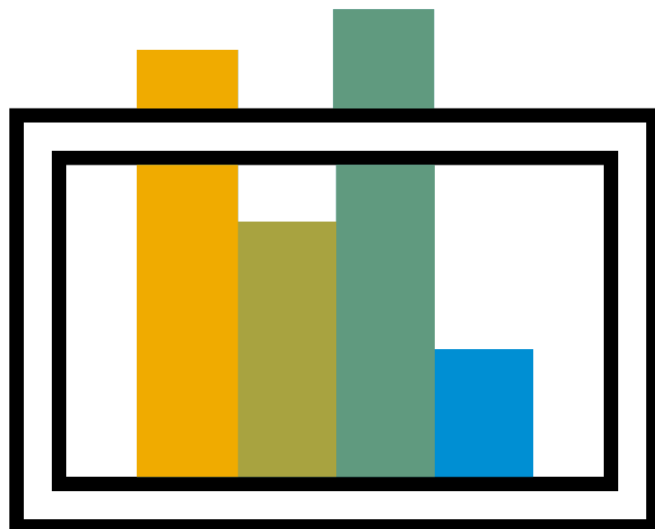
→ [Tutorial Navigator](#) (available soon)





# Demo #2

Details on Streamlined MT & outlook to extensibility – Daniel Hutzel / Eckart Liemke

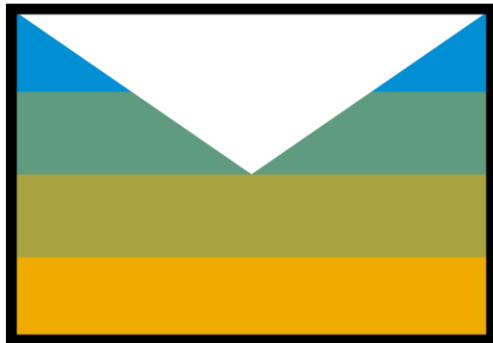




# Stay in touch!



## Invitations to CAP events via email?



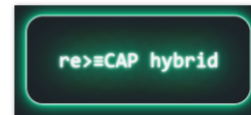
[michael.hellenschmidt@sap.com](mailto:michael.hellenschmidt@sap.com)  
[se.schmidt@sap.com](mailto:se.schmidt@sap.com)

## CAP Events Overview

All available information on past and future CAP events.

### re>CAP 2022 hybrid

- **Date:** June 1st + June 2nd, 2022
- **Type:** hybrid
- **Agenda:** will be added in a timely manner



[Announcement](#)

[Landing Page](#)

[Call for session proposals – until 13th of April](#)

[Link to Broadcasting](#)

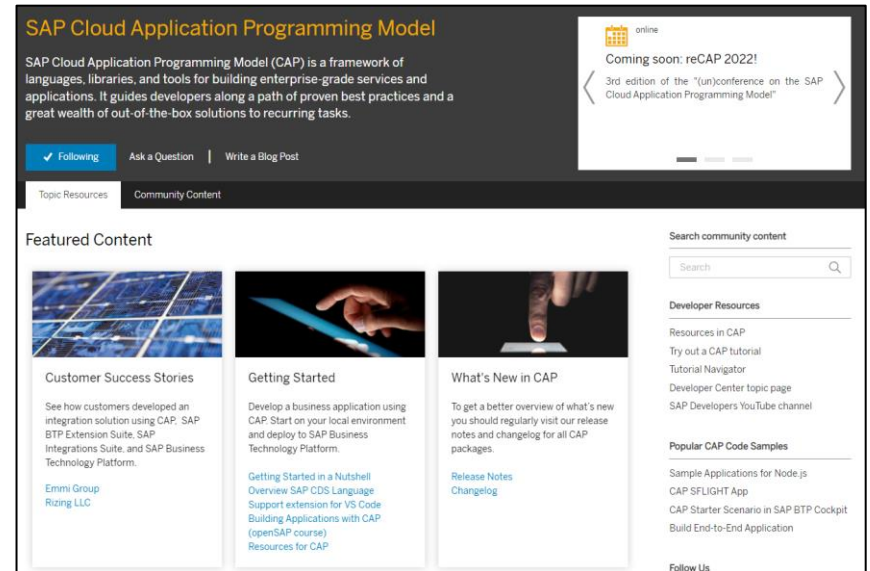
[Meeting Request Day 1 - Meeting Request Day 2](#)

### SAP Customer Roundtable April 2022

- **Date:** April 6th, 2022 11 AM EST | 5 PM CEST
- **Type:** Online
- **Agenda:** will be added soon



<https://cap.cloud.sap/docs/events/>



<https://community.sap.com/topics/cloud-application-programming>

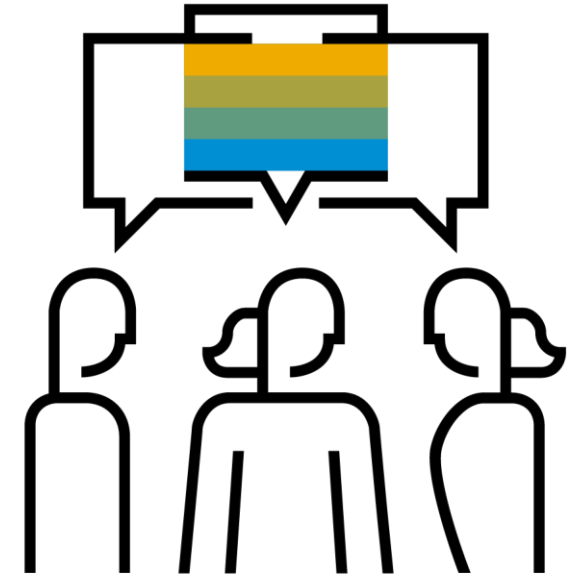
**Q&A**

# Open discussion – what's on your mind regarding CAP?



Possible topics:

- What are you working on?
- What are you interested in learning more about?
- What feedback do you have on our products?
  - What do you like?
  - What do you need CAP to do that it does not?
  - What new capabilities do you need from CAP?
- Are you stuck in your projects?
- Would you like to demo what they you working on?





# Thank you.

Contact information:

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Delivery Head  
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