



SAP Cloud Application Programming Model

<https://cap.cloud.sap>

Roundtable #11

December 17th, 2025

PUBLIC

Agenda



Introduction (*Sebastian Schmidt, Birgit Selbach*)

5 Min

Updates from CAP Team

- Update to Status Flows (*Sebastian van Syckel; 10 min*)
- Declarative Constraints (*Daniel Hutzel; 10 min*)
- Data Integration (*Steffen Weinstock; 10 min*)
- CAP Console (*Jennifer Stamm; 10 min*)
- Enhancements to the Attachments Plugin (*Simon Kobler; 10 min*)
- Enhancements to Kyma Deployment (*Simon Kobler; 5 min*)

55 Min

Topics raised by Community & Q&A (*all*)

30 Min

Introduction



- This customer roundtable is open to both SAP internal and external audiences.
- This session is being **recorded** (except Q&A). We will share the recording and slides here: [SAP Cloud Application Programming Model \(CAP\) | Customer Roundtable | December 2025](#) and on our **events page**: <https://cap.cloud.sap/docs/resources/events>
- We offer time for **Q&A** at the end of this session. You can also address your questions via the chat.

New REQs? Check-out the Customer Influence Tool



SAP
Continuous Influence

SAP Cloud Application
Programming Model

Collect continuously open
Status: Continuously running

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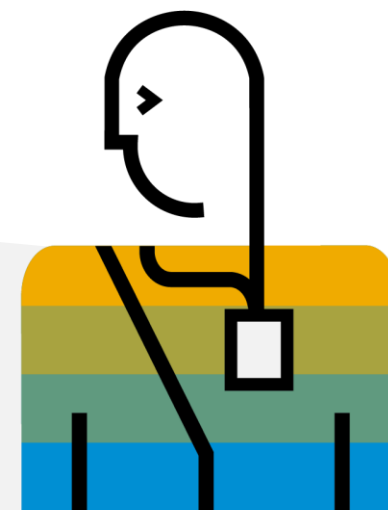
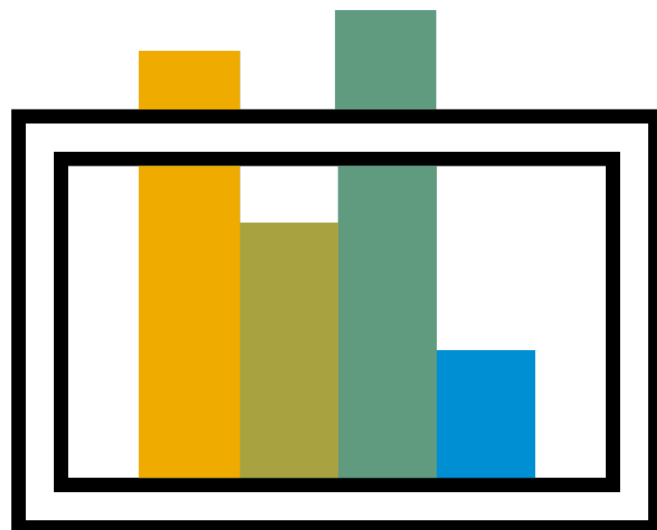
A photograph of two red and white striped hot air balloons floating over a mountain range. The mountains are partially obscured by a thick layer of white clouds, creating a misty atmosphere. The sky is clear and blue.

<https://influence.sap.com/sap/ino/#/campaign/2280>



Presentation #1

Update to Status Flows (Sebastian van Syckel)



Update to Status-Transition Flows

- Officially [released](#) (as beta) in November 2025 ([docs](#))
- Add a flow declaration like this:

```
annotate Travels with @flow.status: Status actions {  
    rejectTravel    @from: #Open    @to: #Canceled;  
    acceptTravel    @from: #Open    @to: #Accepted;  
    deductDiscount @from: #Open;  
};
```

cds

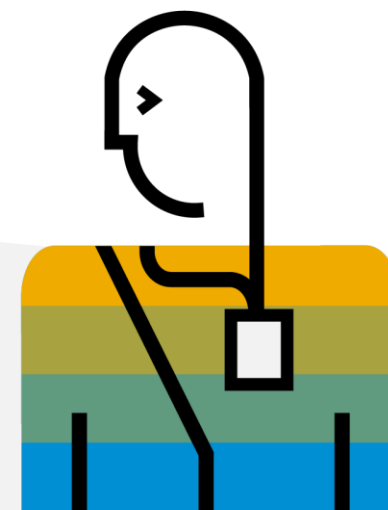
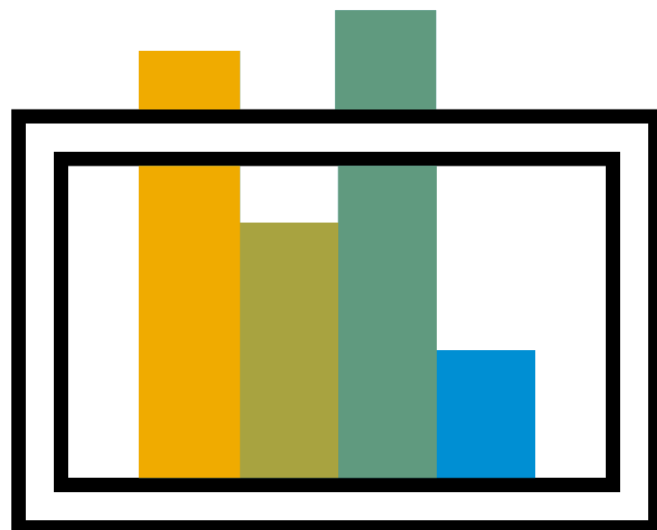
- CAP automatically adds:
 - Generic handlers for checking entry and setting exit states
 - UI annotations for buttons incl. state-based enablement
 - Tracking data structure for flows to the previous state

Demo



Presentation #2

Declarative Constraints (Daniel Hutzel)

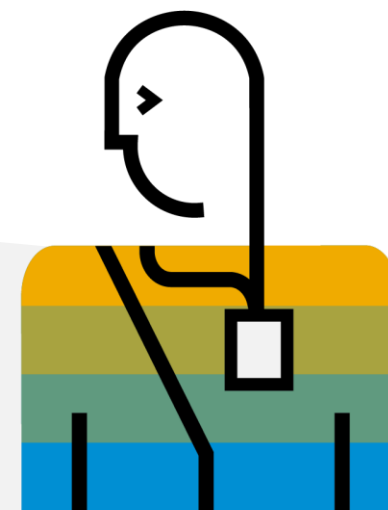
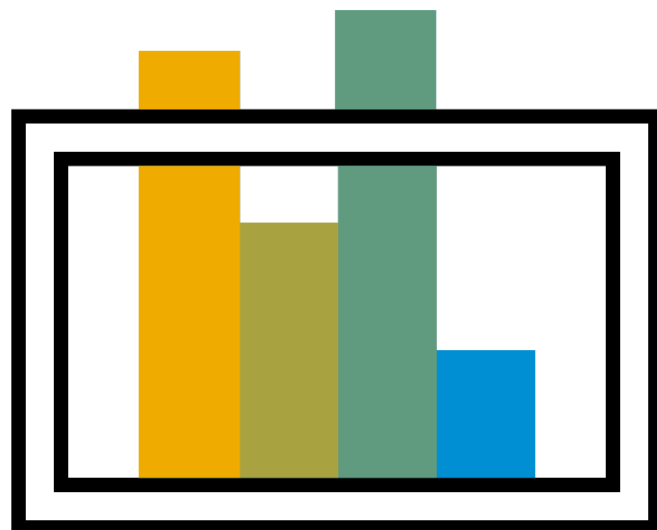


Demo

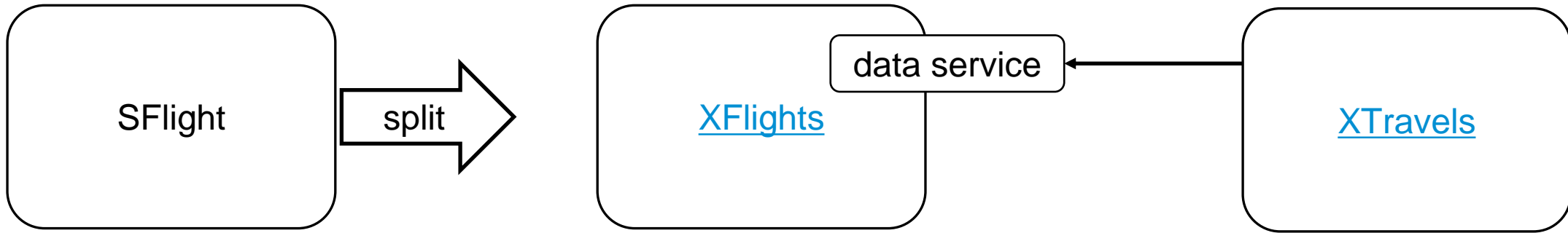


Presentation #3

Data Integration (Steffen Weinstock)



CAP-level Service Integration



- define API → data provider service
- export API client package → “cds export”
- publish API package
- import API package → “npm add”
- add consumption view
- use as if imported entities were local
- local testing (API is mocked)
- access data via custom code in Calesi style

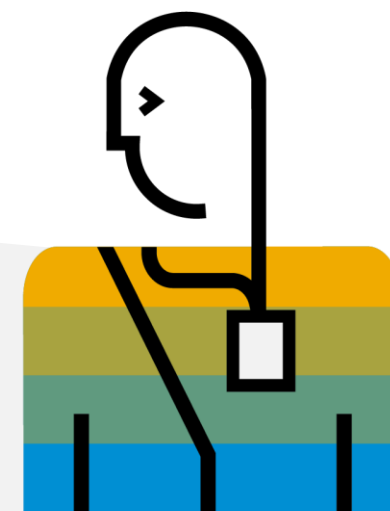
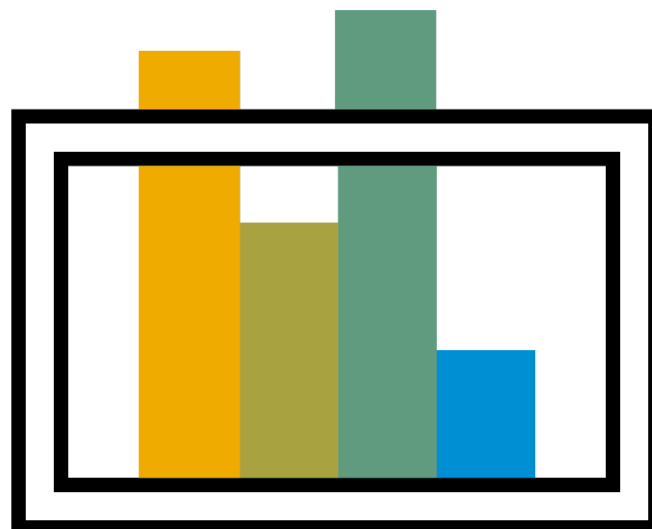
see also <https://github.com/SAP-samples/teched2025-AD161>

Demo



Presentation #4

CAP Console (Jennifer Stamm)



Demo

Get Started, Connect & Shape What's Next

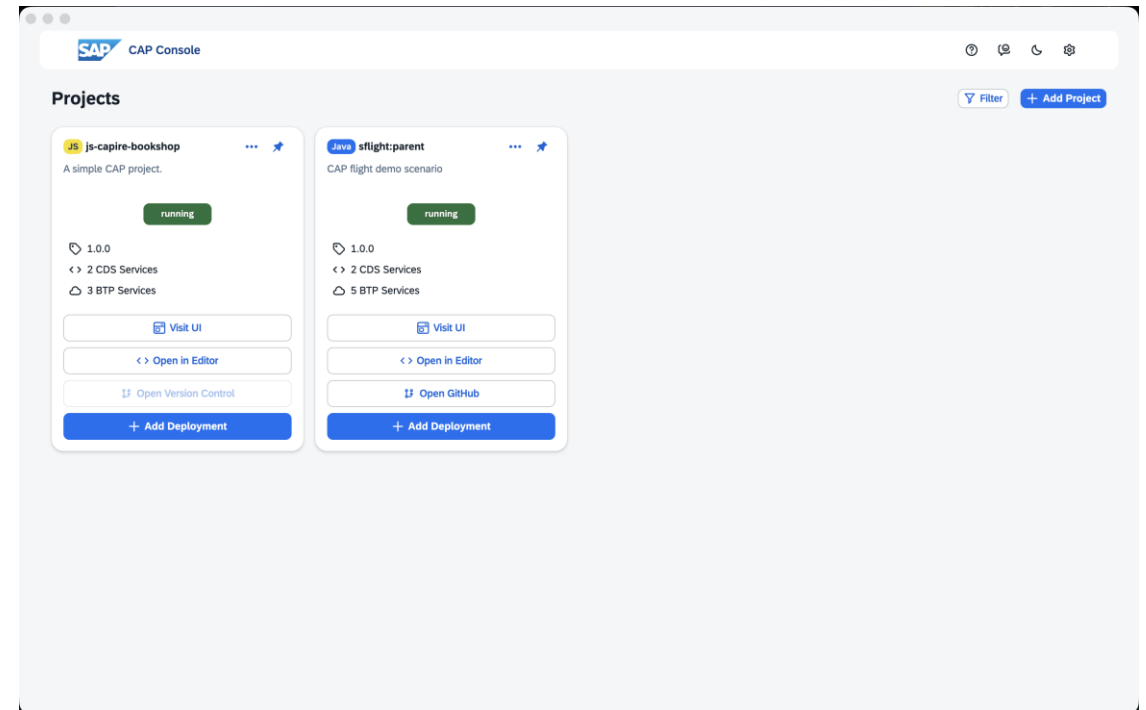
Get Started



Connect & Shape

E-mail Jennifer Stamm for a deep dive with the product team:

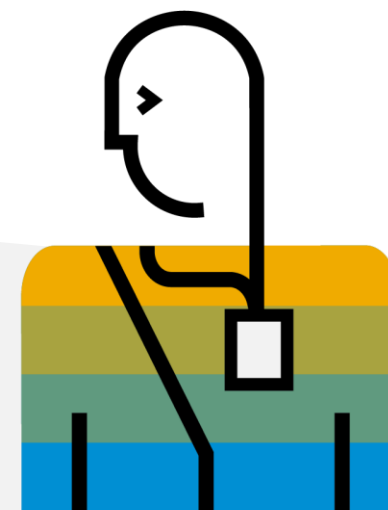
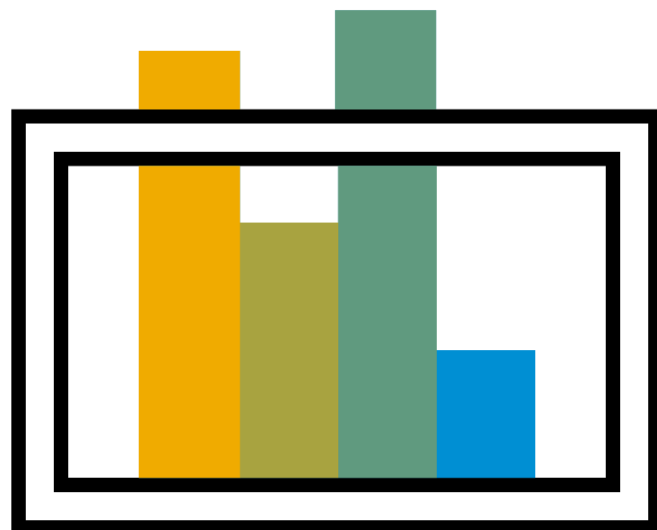
cap@sap.com





Presentation #5

Enhancements to the Attachments Plugin (Simon Kobler)









Attachments Plugin

UI Improvements

- Added translations for UI labels, scan status, error messages
- Dynamic visibility control through `@UI.Hidden`
- Criticality for scan status

Attachment	Scan status
 testmal.exe	 Infected
 sample.pdf	 Clean

- Acceptable media types `@Core.AcceptableMediaTypes`
- Max file size support through `@Validation.Maximum(10MB)`

CAP enhancements

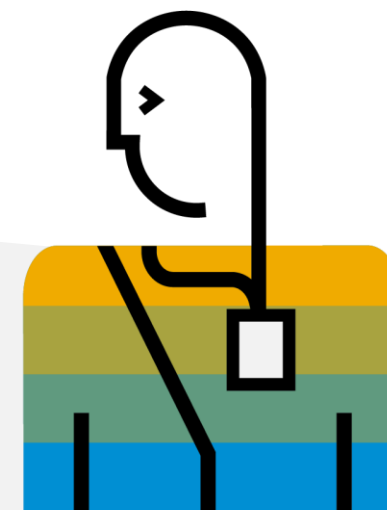
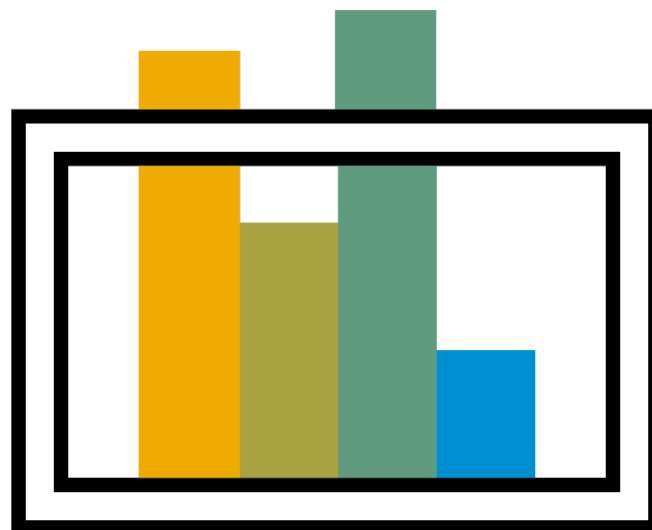
- All Hyperscalers supported (AWS, Azure, GCP)
- mTLS scanning for malware scanning service, deprecation of basic auth credentials
- Feature flag support

Demo



Presentation #6

Enhancements to Kyma Deployment (Simon Kobler)



Kyma



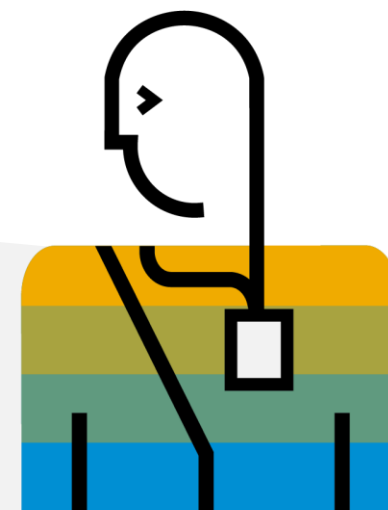
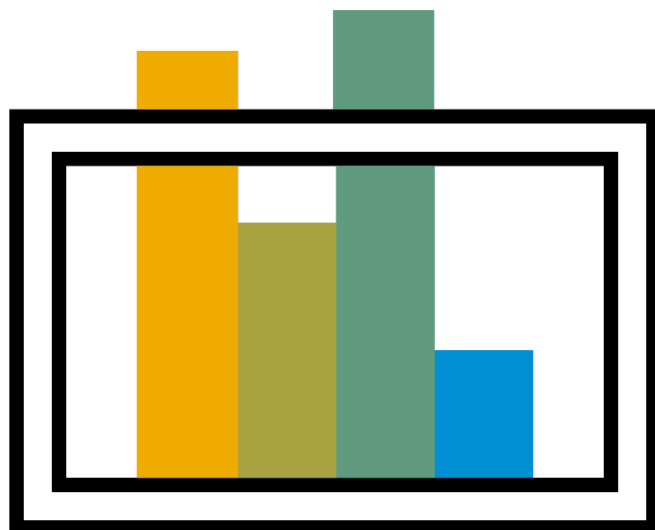
Improved build process

- `cds add kyma` is the central entry point for Kyma projects
- Deprecation of `cds add containerize, helm` → will be removed in **CDS 10**
- Automated UI5 builds
- Checksum calculation for on-demand Docker builds
- No dependency on **ctz** tool anymore



Q&A

Topics raised by Community & Q&A – all





Thank you.

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