



SAP Cloud Application Programming Model

<https://cap.cloud.sap>
Roundtable #14

October 7th, 2026

PUBLIC

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 | October 2026](#) 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.

Agenda



Introduction (*Birgit Selbach*)

5 Min

CAP Updates / Outlooks on AI topics (*Daniel Hutzel, Sebastian Van Syckel*)

- Capire optimizations
- Vector Embeddings on SQLite (Node.js)
- MCP Protocol Adapter GA
- CAP agents

40 Min

AI with UI5 and CAP (*Wouter Lemaire*)

20 Min

Videos and Events (*Sebastian Schmidt*)

5 Min

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

25 Min

Agenda



CAP Updates / Outlooks on AI topics

- Capire optimizations
- Vector Embeddings on SQLite (Node.js)
- MCP Protocol Adapter GA
- CAP agents

Agenda



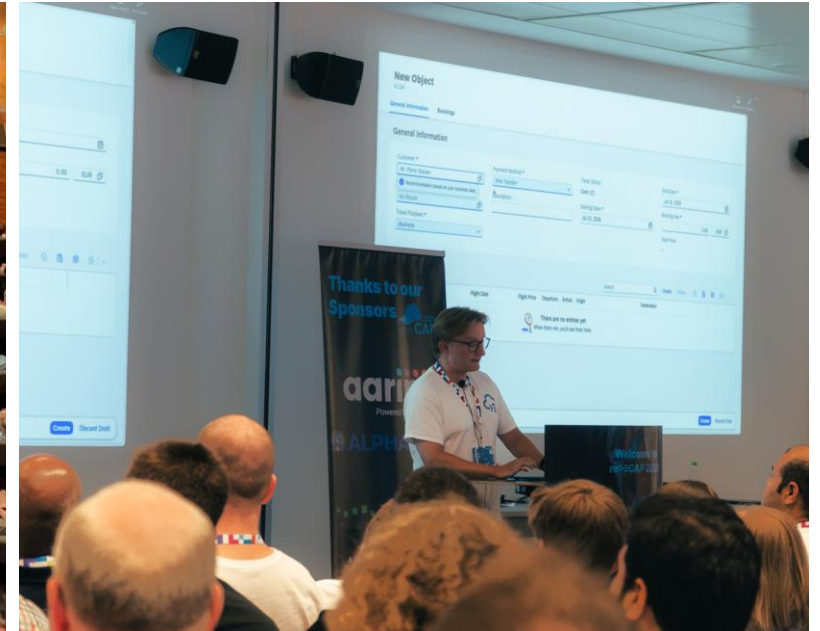
AI with UI5 and CAP

re>CAP 2026 Recordings are online



Thanks a lot for a great [re>CAP](#) with more than 400 participants onsite and even more online!

Recordings of the event can be found on [YouTube](#).



Highly recommended!



September 2026

cds.js 10.1.1+

cds-dk 10.1.2+

cds-compiler 7.1.0+

cds-mtms 4.1.0+

cds.java 5.1.0+

Table of Contents

- CAP Native AI
 - New: Top-Level Section in Capire
 - New: XTravels Sample
 - New: CAP-level Agents Gamma
 - MCP Adapter now GA GA
 - Embeddings for Node.js
 - Capire 4 AI Evolution
- CDS Language
 - Simple Boolean Expressions
 - Extending WHERE clauses
 - Keys in Nested Projections
- CAP Runtimes
 - Ranked Fuzzy Search
- CAP Node.js
 - Native Vector Embeddings Gamma
 - Destinations w/o Cloud SDK Beta
- CAP Java
 - JSON Batch Requests Beta
 - Expands with Excludes
 - Hierarchies Sorting
 - Toolkit Optimizations

<https://cap.cloud.sap/docs/releases/2026/sep26>

DJ Adams

Home About Blog Tags Feed

CAP September 2026 release

24 September 2026 cap , developernews

An overview of what the September 2026 release of CAP brings.

- CAP Native AI
- A new guide
- A scenario to try out all the AI concepts
- Much love for vector embeddings
- Keeping our AI overlords happy
- The CDS language family
- CAP Runtimes
- Node.js
- Java
- Tools
- Plugins
- Wrapping up
- Footnotes

The **September 2026 release of CAP** is out. This is the first minor release following the major release upgrade in June of this year, and brings CAP Node.js to 10.1 and CAP Java to 5.1.

It's "only" a minor release, but goodness me there's a lot of great stuff. Let me take you through some of the highlights, which are split into different categories.

CAP Native AI

First there's the CAP Native AI category, which has come about mostly because there's been so much work in this area. After all, CAP is the foundation for much of our AI business solutions and central to our **AI North Star architecture**:

Architecture Center

SAP Viewpoints

Platform Layer

The managed agent runtime

<https://qmacro.org/blog/posts/2026/09/24/cap-september-2026-release/>

What's new in SAP Cloud Application Programming Model – Sep!

BirgitS

Product and Topic Expert

SAP MANAGED TAGS

SAP Cloud Application Programming Model

Agentic AI

Edit SAP Managed Tags

LABELS

Technology Updates

Dear SAP Community,

We are already at the end of Q3. In the past few months, we've seen an eventful time for the CAP community. In June, we shipped our latest **major release** with a set of significant updates. July brought **reCAP**, our annual community event. Now, we published the **September release**. This release again introduces several helpful features and improvements. Especially in the area of AI, you will find several new capabilities. In this blog post, I'm summarizing some of the key highlights for you.

Turning CAP Services into AI Agents

With **CAP-level Agents**, we are introducing a new plugin that enables developers to build and expose AI agents directly from CAP services using the Agent-to-Agent (A2A) protocol. Start by adding the `@cap-js/agents` plugin to your project root. Now you can simply add the `@agent` annotation to your service. The plugin then auto-generates MCP tools from your entities and actions, builds a ReAct loop, and exposes the service as a callable endpoint via the A2A protocol.

If you want to create specialized agents, you can define the agent's identity and behaviour in an `AGENTS.md` file, while reusable skills can be organized in dedicated `SKILL.md` files. In addition, you can mark certain sensitive actions for human approval using the annotation `@agent.hiti`. In this case the action is not immediately executed. Instead, the task pauses and waits for human approval.

Local development is supported via the `cds watch` command to run your CAP server locally and via an experimental built-in chat preview in your browser to interact with the agent.

ChatPreview

Here are the available books:

ID	Title	Author	Genre	Stock	Price	Currency
201	Wuthering Heights	Emily Brontë	Drama	12	11.11	£
207	Jane Eyre	Charlotte Brontë	Drama	11	12.34	£
201	The Raven (17th ed.)	Edgar Allan Poe	Mystery	333	13.13	\$
202	Essence of Zen (discontinued)	Edgar Allan Poe	Non-fiction	555	14.00	\$
271	Catwinkle	Richard Carpenter	Fantasy	22	150.00	¥

There are 8 books in total. Would you like to order any of them or get more details?

18 orders Catwinkle (ID: 271) right away! How many copies would you like to order?

<https://community.sap.com/t5/technology-blog-posts-by-sap/what-s-new-in-sap-cloud-application-programming-model-september-2026/ba-p/14491190>

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Highly recommended!



CAP in the age of AI ▶ Alle abspielen

A Hands-on SAP Dev live stream series, with experts from the CAP team, looking at CAP features, functions, and foundations for its central role in the AI era.

#7 - vector embeddings wrap-up	#6 - vector embeddings	#5 agents wrap-up	#4 more on agents	#3 from MCP to A2A	#2 - more on the MCP adapter
CAP in the age of AI #7 - vector embeddings wrap-up	CAP in the age of AI #6 - vector embeddings	CAP in the age of AI #5 - agents wrap-up	CAP in the age of AI #4 - more on agents	CAP in the age of AI #3 - from MCP to A2A	CAP in the age of AI #2 - more on the MCP adapter
SAP Developers ✓	SAP Developers ✓	SAP Developers ✓	SAP Developers ✓	SAP Developers ✓	SAP Developers ✓
Geplant für: 16.10.26, 08:00	Geplant für: 09.10.26, 08:00	▷ 1407 vor 5 Tagen gestreamt	▷ 3140 vor 3 Wochen gestreamt	▷ 2284 vor 1 Monat gestreamt	▷ 1380 vor 1 Monat gestreamt

<https://www.youtube.com/playlist?list=PLTKB1hyt4LXs>

Devtoberfest by SAP TechEd

From Inbox to Quotation: An AI-Assisted Sales Workbench in React on SAP CAP

Holger Schäfer, Unilog

Devtoberfest 2026

Devtoberfest by SAP TechEd

CAP-level Data Federation

Stefan Winkrock, SAP

Anstehend

Devtoberfest by SAP TechEd

What's in Daniel Hutzel's brain?

Daniel Hutzel, SAP

1:02:41

Devtoberfest by SAP TechEd

CAP: The Road Ahead - Simplicity in an AI Era

Ole Lillenthil, SAP

1:01:01

Devtoberfest by SAP TechEd

AI Assisted CAP Development

Johannes Vogt, SAP
Lars Penning, SAP
Daniel Schachner, SAP

Anstehend

Devtoberfest by SAP TechEd

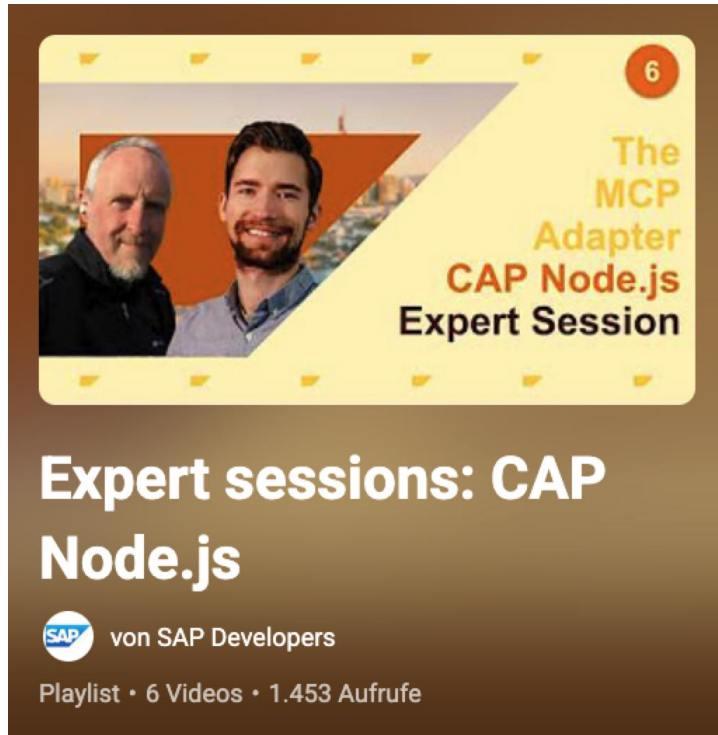
CAP in the Era of AI: Agents

Ole Adams, SAP
Stefan Ruck, SAP
Simon Engel, SAP

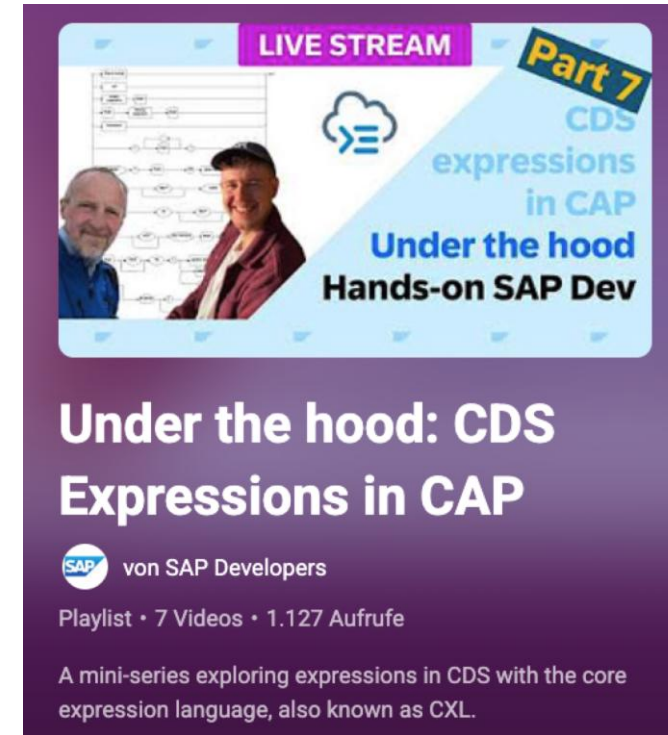
Anstehend

https://youtube.com/playlist?list=PLC6tSNxPsIKA&si=C4_XwJ8kOrrAjjQ-

Highly recommended!



https://www.youtube.com/playlist?list=PL6RpkC85SLQDxW_6INTtprvZ3WiXT8u5



<https://www.youtube.com/playlist?list=PL6RpkC85SLQCEU8XcyqnA5wYEZGxMPm6B>

SAP TechEd Berlin

October 27–29, 2026



AD262 | Agentic CAP: Build MCP servers and enterprise AI agents

Hands-on workshop

Learn how to turn apps based on SAP Cloud Application Programming Model (CAP) into enterprise AI agents using the model context protocol (MCP) and Agent2Agent protocol. With the integration of the SAP AI Core infrastructure, it's straightforward to embed AI in apps based on CAP apps, such as including recommendations with the SAP-RPT-1 AI model.

Tuesday, Oct 27 11:00 AM - 1:00 PM CET [Add to schedule](#)

Wednesday, Oct 28 3:30 PM - 5:30 PM CET [Add to schedule](#)

Speakers



Marc Huber
Product Management, SAP SE



Sam Lechner
Product manager, SAP SE



Daniel Hutzel
Chief Architect, SAP SE



Daniel Schlachter
Software Architect, SAP SE

<https://www.sap.com/events/teched/berlin/flow/sap/te26/catalog/page/catalog/session/1786525647304001OTzI>

AD162 | Everything new: Try out the latest features in CAP

Hands-on workshop

Get hands-on experience of the new features in SAP Cloud Application Programming Model (CAP). Start with guided AI-driven app development and extend it with innovations including declarative constraints, status transition flows, "cds REPL", extensibility with CDS-Oyster, and HCQL—CAP's native query-over-HTTP protocol.

Wednesday, Oct 28 1:00 PM - 3:00 PM CET [Add to schedule](#)

Speakers



Marc Huber
Product Management, SAP SE



Tim Back
Chief Development Architect, SAP SE



Daniel Schlachter
Software Architect, SAP SE



Daniel Hutzel
Chief Architect, SAP SE

<https://www.sap.com/events/teched/berlin/flow/sap/te26/catalog/page/catalog/session/1786526544605001BjXm>

CT1136 | AI needs a foundation: A map of the plug-in ecosystem for CAP

Community talk

SAP Cloud Application Programming Model (CAP) is moving toward the center of our AI strategy, with model context protocol support. We map the plug-in landscape for CAP—official, community, and independent—across regions like integration, performance, and tooling, so you know what to reuse, and what to build yourself.

Tuesday, Oct 27 3:30 PM - 3:50 PM CET [Add to schedule](#)

Speakers



Mike Zaschka
Independent SAP Solution Architect, Developer & Consultant, Mike Zaschka

<https://www.sap.com/events/teched/berlin/flow/sap/te26/catalog/page/catalog/session/1785706056121001jFgN>

CT1090 | Multitenant CAP SaaS on SAP Business AI Platform

Community talk

A GenAI SaaS began as a single-tenant app hand-copied for three customers. Maintainability, cost, and scale forced a shift to multitenant. Two attempts and seven months later, it runs as an SAP Cloud Application Programming Model (CAP) SaaS on SAP Business AI Platform for more than 100 tenants, moving from project delivery to product thinking.

Tuesday, Oct 27 1:00 PM - 1:20 PM CET [Add to schedule](#)

Speakers



Max Streifeneder
Senior Product Manager, Syntax Systems



Julian Breitskopf
Principal Product Manager, Syntax Systems

<https://www.sap.com/events/teched/berlin/flow/sap/te26/catalog/page/catalog/session/1784813384465001dVFe>

CT1159 | Bringing AI context to life: Production-proven CAP and MCP setup

Community talk

Explore what it takes to build simple and efficient enterprise AI. Learn how to implement a customer-validated model context protocol (MCP) server using SAP Cloud Application Programming Model (CAP) to act as a business data source for AI agents. Understand how to add human-readable background context to the retrieved data.

Wednesday, Oct 28 11:00 AM - 11:20 AM CET [Add to schedule](#)

Speakers



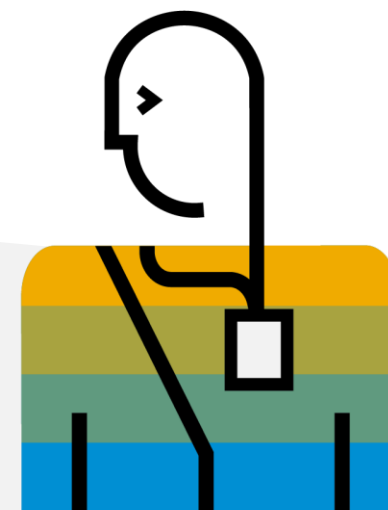
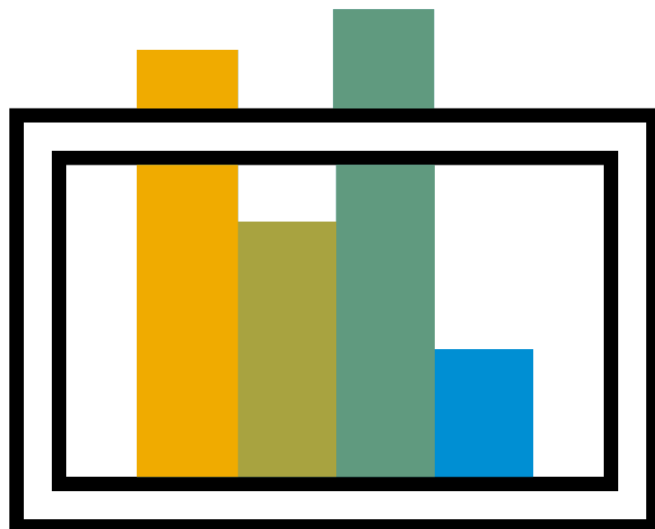
Cedric Haisel
Senior SAP Cloud Developer & Solution Architect, CIT FOCUS

<https://www.sap.com/events/teched/berlin/flow/sap/te26/catalog/page/catalog/session/1785849756552001hAdp>



Q&A

Topics raised by Community & Q&A – all





Thank you.

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