

4th Swiss EAM (Enterprise Architecture Management) Conference 2024

On April 17, 2024, the 4th Swiss Enterprise Architecture Conference took place at Zürcher Kantonal Bank—in cooperation with the Chamber of Commerce of Switzerland, Austria and Liechtenstein and the Future Network.

Key architectural decisions when setting up a data & analytics platform in the cloud

In a field report, **Claus Hintermeier** and **Hansjörg Zimmermann** from Zürcher Kantonalbank showed the architectural path to setting up a modern data platform, which presents enterprise IT architects with many exciting options. The speakers also presented decisions made by the bank and addressed questions relating to DWH/data lake, data fabric/data mesh, cloud agnostic/cloud native, data products and data virtualization.



Claus Hintermeier
(ZKB)



Hansjörg Zimmermann
(ZKB)

Successful Datamesh implementation

Norbert Schattner (EY-ifb) and **Daniel Niederl** (EY Austria) explained that the intensive use of data to support business-critical decisions places new demands on the quality, traceability and transparency of data. An approach to the democratization of data using a data mesh focuses on data products located in the specialist departments, which are operated on modern data platforms and supported by corporate IT. In this context, the success criteria for successful implementation are at the heart of C-level management considerations.



Norbert Schattner
(EY ifb)



Daniel Niederl
(EY Österreich)

Comparison of architectural models and trends

Speaker **Herbert Stauffer** (BARC):

- There is no single correct architecture model. The choice of architecture is determined by the current and future use cases, the heterogeneity of the data landscape and the selected technologies and platforms.
- An appropriate data architecture is embedded in a data strategy. A data culture can guarantee success.
- Different types of data modeling and structuring also make a significant contribution to flexibility and scalability.



Herbert Stauffer (BARC)

Top 5 strategies for modernizing your data architecture

There is currently a lot of hype around new approaches to data management, including cloud data warehouses, data fabrics, data mesh and other innovative concepts. In this presentation, **Andreas Heinzerling** of Denodo addressed five key principles that are critical to modernizing your data architecture and quickly generating value for your business. He shared practical tips for modernizing data architecture as well as strategies for rapidly creating value from data while ensuring robust investment security for future changes.



Andreas Heinzerling
(Denodo)



What EA can learn from Einstein

Simon Field (Ardoq)—Mr. Field's presentation stressed a transformative shift in Enterprise Architecture (EA) practices, highlighting the challenges associated with a cycle of starting and failing. He urged adoption of modern tooling for engaging stakeholders and driving decision-making. Automation in application ownership, he suggested, brings significant value, including budget approval and risk management. Mr. Field concluded by urging architects to abandon outdated practices and embrace collaboration for quicker value delivery.



Simon Field (Ardoq)

Collaborative EA documentation

David P. Reindl from SBB reported on his experiences from two years of collaborative updating of enterprise architecture documentation. What works and what needs to be done to keep data quality high.



David P. Reindl (SBB)

Architecture becomes Agile ... but how?



Thomas Meintrup
(Mercedes-Benz)

Thomas Meintrup: The 100% digital strategy at Mercedes-Benz was presented in a live broadcast by Thomas Meintrup. It is a comprehensive corporate transformation that is fundamentally changing many areas, business models and existing structures, processes and IT landscapes. Enterprise architecture plays a decisive role in this transformation. The way in which enterprise architecture is defined and lived must change drastically: Towards a cross-organizational and cross-role discipline in which architects collaborate with other stakeholders. Towards an agile discipline in which architectures

can be developed in a very targeted, customer-oriented and evolutionary rather than revolutionary way. Mercedes-Benz recognizes this challenge and is in the process of adapting its architecture work and governance model to reflect this change.

Artificial Intelligence Trends

Erwin Bratengeyer presented current artificial intelligence trends: work on the further development and dissemination of systems based on artificial intelligence (AI) is being carried out with great intensity worldwide. In this lecture, the latest achievements in the field of AI were presented, controversial perspectives on the potential benefits and risks of AI were highlighted and supported by extensive visual and audio material. Technological, socio-political and philosophical aspects were used to draw attention to the possibly underestimated effects of artificial intelligence and to raise awareness of any unforeseeable challenges. See more at www.conect.at.



Erwin Bratengeyer
(vorm. Donau-Universität Krems)

From Data Completeness to Data Quality—Building a collaborative community to document the Vodafone IT landscape



Rainer Scheibehenne
(Vodafone GmbH)

Rainer Scheibehenne from Vodafone, Senior Manager for IT Architecture, presented an application example on data completeness and data quality. The weakest link in repository maintenance is the human being with all his weaknesses and mistakes. Building a trusting, fault-tolerant and collaborative community of data providers and users is an essential building block for data completeness and quality.



From left to right:
Andreas Pirkner (Erste Asset Management), **Daniel Ebner** (Software AG), **Hansjörg Zimmermann** (ZKB), **Rainer Scheibehenne** (Vodafone GmbH), **Daniel Niedert** (EY Österreich), **Andreas Heinzler** (Denodo), **Thomas Meintrup** (Mercedes-Benz), **Tobias Murer** (Zürcher Kantonalbank), **Claus Hintermeier** (ZKB), **Herbert Stauffer** (BARC)

AGENDA OF THE EVENT

Zentrale Architekturentscheide beim Aufbau einer Data- & Analytics-Plattform in der Cloud

Hansjörg Zimmermann & Claus Hintermeier (Zürcher Kantonalbank)

Architekturmodelle und Trends im Vergleich

Herbert Staufer (BARC)

Datamesh erfolgreich implementieren

Norbert Schattner (EY ifb), Daniel Niederl (EY Österreich)

Top 5 Strategien zur Modernisierung ihrer Datenarchitektur

Andreas Heinzerling (Denodo)

What EA could learn from Einstein

Simon Field (Ardoq)

Kollaborative EA-Dokumentation

David P. Reindl (SBB)

Architecture becomes Agile... but how?

Thomas Meintrup (Mercedes Benz)

Artificial Intelligence Trends

Erwin Bratengeyer (vormals Donau-Universität Krems)

From Data Completeness to Data Quality – Aufbau einer kollaborativen Community zur Dokumentation der Vodafone IT-Landschaft

Rainer Scheibehenne (Vodafone GmbH), Daniel Ebner (Software AG)

Transformationsmanagement ganzheitlich betrachtet: IT Management im Wandel

Daniela Carmen Reimelt (Concordia Versicherung)

SunavIT Framework: IT-Differenzierung durch Nachhaltigkeit

Tobias Murer (Zürcher Kantonalbank)

Das Secure Swiss Finance Network (SSFN) – eine sichere Alternative zum Internet

Tobias Langbein (ZKB)

A holistic view of transformation management: IT management in transition

Daniela Carmen Reimelt (Concordia): The transformation of a company is a collaborative task and means new collaboration models, networking of centralized and decentralized disciplines and, last but not least, a new corporate culture. Management disciplines must continue to develop in order to fulfill their role as enablers of transformation. A business-centric and holistic approach is required to successfully master the challenges. The growing importance of business architecture as a management discipline is a challenge for architects, but also an opportunity to develop further and establish and expand this discipline within the company.



Daniela Carmen Reimelt (Concordia Versicherung)

SunavIT Framework: IT differentiation through sustainability

Various themes at Zürcher Kantonalbank were highlighted at the event, such as **Tobias Murer's** presentation on SunavIT: IT differentiation through sustainability. The framework postulates IT differentiation through holistic sustainability and demonstrates IT practices that support the sustainable evolution of an IT landscape in line with a business vision, thereby ensuring the efficient use of resources and the operational and strategic success of the company. SunavIT aims to be a toolbox and an ecosystem for holistic IT sustainability and to position architecture as a critical driver. A lighthouse project for other companies and an exciting new approach.



Tobias Murer (Zürcher Kantonalbank)

The Secure Swiss Finance Network (SSFN) – a secure alternative to the Internet

The Secure Swiss Finance Network (SSFN) represents an innovative response to challenges in the area of digital security. In times of increasing threats on the Internet, the SSFN offers a reliable and secure alternative. This program is establishing itself as a forward-looking solution to ensure the integrity and confidentiality of financial data. The speaker was **Tobias Langbein** from Zürcher Kantonalbank.

Papers and videos from conference presentations

- 🔗 [**Zentrale Architekturentscheide beim Aufbau einer Data- & Analytics-Plattform in der Cloud** – Hansjörg Zimmermann, Claus Hintermeier \(ZKB\)](#)
- 🔗 [**Architekturmodelle und -trends im Vergleich – Data Mesh, Data Fabrik, Lake House!** – Herbert Staufer \(BARC\)](#)
- 🔗 [**Data Mesh erfolgreich implementieren** – Norbert Schattner \(EY ifb\)](#)
- 🔗 [**Top-5 Strategien zur Modernisierung Ihrer Datenarchitektur** – Andreas Heinzerling \(Denodo\)](#)
- 🔗 [**What EA could learn from Einstein** – Simon Field \(Ardoq\)](#)
- 🔗 [**Kollaborative EA-Dokumentation** – David Reindl \(SBB\)](#)
- 🔗 [**Architecture becomes Agile ... but how?** – Thomas Meintrup \(Mercedes Benz\)](#)
- 🔗 [**Artificial Intelligence Trends** – Bratengeyer \(vorm. Donau Universität Krems\)](#)
- 🔗 [**From Data Completeness to Data Quality – Aufbau einer kollaborativen Community zur Dokumentation der Vodafone IT-Landschaft** – Rainer Scheibehenne \(Vodafone\), Daniel Ebner \(Software AG\)](#)

- ☑ **Transformationsmanagement ganzheitlich betrachtet: IT-Management im Wandel** – Daniela-Carmen Reimelt (Concordia Versicherung)
- ☑ **SunavIT Framework: IT-Differenzierung durch Nachhaltigkeit** – Tobias Murer (ZKB)
- ☑ **Das Secure Swiss Finance Network (SSFN) – eine sichere Alternative zum Internet** – Tobias Langbein (ZKB)

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