SAP User Experience and Landscape Architecture in the light of Enterprise Architecture

Jürgen Jakowski, SAP SE
Dirk Anthony, SAP SE
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Your Presenters for Today

Jürgen Jakowski
Head of SAP Enterprise Architecture Explorer
CoE Enterprise Architecture, SAP Product & Innovations
@JJComment

Dirk Anthony
IT Landscape Architect
CoE Enterprise Architecture, SAP Product & Innovations
Agenda

Flashback

Enterprise Architecture (EA)

User Experience in the light of EA

Landscape Architecture in the light of EA

Summary
Agenda

**Flashback**

Enterprise Architecture (EA)

User Experience in the light of EA

Landscape Architecture in the light of EA

Summary
# Overview of planned webinars

http://events.sap.com/de/sap-user-groups-knowledge-transfer/en/sap_user_experience_explorer

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<tr>
<th>Title</th>
<th>Abstract</th>
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<tbody>
<tr>
<td>The Evolution from SAP UX Explorer to SAP Enterprise Architecture Explorer</td>
<td>SAP Enterprise Architecture Explorer is a self-service provided by SAP that provides answers to many of your enterprise-related questions. It provides a well-structured and easy way to get to know your options and their relations to the necessary focus areas such as User Experience, Landscape Architecture, offerings such as SAP products and services as well as Enterprise Architecture. In this session you will learn in more detail what this Explorer is, which benefits it provides and how you can use it to quickly increase your know-how about relevant technologies, strategies and methods.</td>
<td>DONE</td>
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<tr>
<td>User Experience and Landscape Architecture in the light of Enterprise Architecture</td>
<td>If you are an enterprise architect you are typically searching for information that covers both, the business and IT perspective. In addition, you might like to see IT not only as a set of boxes and software. Instead you might want to get the topic structured and related to IT capabilities. SAP helps you in this matter with a structured approach to provide architecture viewpoints, transition paths and other elements on various burning topics. In this session, we want to introduce this approach and share the current state of this effort. This session will include real-life examples focused on User Experience (UX) and Landscape Architecture.</td>
<td>TODAY</td>
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<tr>
<td>How to start developing an enterprise UX strategy</td>
<td>You might already know the SAP UX Strategy which provides a lot of important information. However, one question might still be in your mind: “How can I start now with my enterprise UX Strategy”. In fact if you seriously want to improve user experience in your enterprise, you will need your own strategy that considers the business and IT goals of your company. Besides the strategy, you will need a roadmap and of course a process that combines all that in a consistent approach. This session provides insight in how to define your strategy, shows a tested process and provides several viewpoints on this matter.</td>
<td>April 5</td>
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<td>How to arrange an optimal deployment of SAP products in a system landscape</td>
<td>Before implementing a new SAP product, IT departments need to decide how best to deploy this product within their system landscape. Information about the deployment architecture of the product needs to be analyzed. Useful deployment options have to be evaluated. Finally the planned landscape architecture for the new product needs to be determined and the new product has to be implemented and integrated into the existing system landscape. In this session you will learn more about how SAP can help you to identify the optimal deployment of its products in your system landscape.</td>
<td>April 7</td>
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<tr>
<td>How to use SAP PowerDesigner to model your landscape architecture</td>
<td>SAP PowerDesigner is known as a business process and data modelling software for Enterprise Architecture (EA). It helps you to build a blueprint of your current and planned enterprise architecture in its entirety to understand its many interdependencies. Though, SAP PowerDesigner is often used to do process- and data modeling, you can also make use of it to model your reference landscape architecture. In this session we are going to perform a live demo of how to use SAP PowerDesigner to model such an architecture based on given business and IT priorities.</td>
<td>May 3</td>
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Flashback Webinar 1
What we have talked about in the first webinar

Webinar 1
SAP Enterprise Architecture Explorer
Agenda

Flashback

**Enterprise Architecture (EA)**

User Experience in the light of EA

Landscape Architecture in the light of EA

Summary
Enterprise Architecture (EA) is our methodology
But what exactly is Enterprise Architecture?

Enterprise architecture (EA) is "a well-defined practice for conducting enterprise analysis, design, planning, and implementation, using a holistic approach at all times, for the successful development and execution of strategy. Enterprise architecture applies architecture principles and practices to guide organizations through the business, information process, and technology changes necessary to execute their strategies. These practices utilize the various aspects of an enterprise to identify, motivate, and achieve these changes."

From the EA Perspectives White Paper of the Federation of Enterprise Architecture Professional Organizations

Enterprise Architecture @ SAP Enterprise Architecture Explorer
Defining the Target IT Architecture for the Enterprise
SAP’s Enterprise Architecture (EA) Approach

STAKEHOLDER

DECISION

IT ARCHITECTURE

SAP Architecture
Meta-Model + Industry-Content*
*e.g. SAP Banking Reference Architecture

EA Tools & Content

Stakeholder-oriented Information Provisioning

EA-aligned SAP offerings

Pattern-based Architecture Framework

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How can Enterprise Architecture help us?
It provides the methodology to create different architectural and stakeholder* views

- **Strategy View**
  - Drives
  - Impacts

- **Capability View**
  - Project Lead
  - Business Process Owner
  - Developer

- **Product View**
  - Solution Architect
  - IT Architect

- **Installation View**
  - Infrastructure Architect
  - Administrator

* This slide just indicates examples of stakeholders and roles
Agenda

Flashback

Enterprise Architecture (EA)

User Experience in the light of EA

Landscape Architecture in the light of EA

Summary
Real-life example
How to help unsatisfied SAP GUI power users  

Strategy View

Capability View

Product View

Installation View

You need to know what your users will need, first.
Real-life example
How to help unsatisfied occasional users

Details: Webinar April 5, 2016
“How to start developing an enterprise UX strategy”

Strategy View

Capability View

Product View

Installation View
How you get guided to this place
The SAP Enterprise Architecture Explorer helps you

- Exploration starts with a specific Goal
- Exploration starts with a specific IT Capability
- Exploration starts with a specific SAP Product
- Exploration starts with a search, video, FAQ or any other topic

Content not published, yet.
Agenda

Flashback

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Summary
Customer Landscape Architecture
Different relevant Architecture Viewpoints on IT Landscapes*

**Strategy View**
*Driver: Operating model, Business Goals, Business & IT strategy, etc.*

**Capability View**
*Driver: Business context, Pace-layering architecture, etc.*

**Software Product View**
*Driver: Adoption of Application & Technology Products or Services, Technical Deployment, etc.*

**Physical Installation View**
*Driver: Physical Distribution of Software & Hardware components, Sizing, Scalability, High Availability, etc.*

*details about Landscape Architecture

Focus of Enterprise Architecture Management

Hidden by IaaS
Hidden by PaaS
Hidden by SaaS
Designing the Target IT Landscape Architecture
Relevant Information Elements and supporting SAP tools

Level 0
- Strategy View
  - Strategy on sap.com
  - SCN – SAP Business Trends

Level 1
- Capability View
  - Solution Explorer

Level 2
- Software View
  - Innovation Discovery
  - SAP Help
  - SAP Service Marketplace
  - Platform Availability Matrix

Level 3
- Installation View
  - Installation & Upgrade Guides
  - Software Download Center
  - Maintenance Planner

SAP PowerDesigner
SAP Enterprise Architecture Explorer

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Reference IT Landscapes
Modeling IT Landscape Architectures that fit to the Business Needs

Details: Webinar May, 3 2016
“How to use SAP PowerDesigner to model your landscape architecture”

SAP PowerDesigner

Customer’s Needs
- Optimal Value Chain Design
- Optimal Business Processes & Practices
- Effective Performance Measurement
- Optimized Application Architecture
- Optimized Integration Architecture
- Optimized Technology Architecture

Customer Metamodel (Content Structure)

Varied and Changing Business Needs
- Value Layer
- Process Layer
- Information Layer
- Application Layer
- Integration Layer
- Infrastructure Layer
- SAP Solution Patterns

Landscape Architecture Design

Capability Cluster

IT Practice

Logical Systems

Technical Systems
IT Landscape Architecture on Level 2 (Software View)
Optimal Landscape Deployment of SAP Products

Details: Webinar April 7, 2016
“How to arrange an optimal deployment of SAP products in a system landscape”

Topics in SAP EA Explorer:
- Landscape Concern
- SAP Products
- Landscape Deployment Recommendations
- System Landscape Pattern
- Landscape Deployment Options

SAP Enterprise Architecture Explorer

- SAP Service Marketplace
- SAP Help
- Platform Availability Matrix
- SAP Notes
- Installation & Upgrade Guides
Real-life example
How to help unsatisfied occasional users -> UX Impact on Landscape Architecture

Strategy View

Capability View

Product View

Installation View
Landscape Deployment of SAP Fiori Front-End Server  
EA-based Guidance for Landscape Architecture on Level 2 (Software View)

Enterprise Architecture

- Concerns
- Architecture Patterns

How to arrange an optimal deployment ...

System Landscape Pattern

IT Focus Area

- Landscape Architecture

Landscape Deployment. Recommendation for SAP Fiori Front-End Server

Deployment Option rated as general recommendation

Could be deployed by

SAP Fiori Front-End Server

Offerings

- Product & Cloud Services

Applied to example

Derived from architecture pattern

Is an architectural recommendation for

Applied to example

How to arrange an optimal deployment …
Agenda

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Summary
Summary

We are using Enterprise Architecture and selected methods to structure and extend our content.

First achievements have been made:
- Start of Concern-Transition-Viewpoints (stakeholder orientation)
- Start of artifacts such as architecture patterns
- Reference architectures

Our planned activities of the next months include:
- More Concern-Transition-Viewpoints for UX and Landscape Architecture
- Start of IT capabilities and goals

http://sap.com/eaexplorer
Thank You!

Any questions?

Jürgen Jakowski
Twitter: @JJComment
Mail: juergen.jakowski@sap.com

Dirk Anthony
Mail: dirk.anthony@sap.com

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