

Einleitung zur Vorlesung “Unternehmensweite IT Architekturen”

Hans-Peter Hoidn
Marcel Schlatter
Kai Schwidder

Generelles

Allgemeines

- Vorlesung mit Übungen (3 Show Cases)
- Mit der Gelegenheit für alle Vorlesungsteilnehmer einen Teil eines Lösungsansatzes zu präsentieren (notwendig für den Erhalt der Credit Points)
- Jeden Montag von 17. September bis einschliesslich 17. Dezember
- Vorlesungszeit von 12:15 bis 13:45 mit 5 Minuten Pause
- Vorlesung auf Deutsch – Slides English

Overview

- ■ ■ Part 1 – Introduction
(17. 9 + 24.9.)

- ■ ■ Part 2 – Solutions Architecture
(1.10 to 5.11. including 1. Show Case)

- ■ ■ Part 3 – SOA (Service Oriented Architecture) und
EA (Enterprise Architecture)
(starting 12.11. including 2. and 3. Show Case)

**Introduction (Marcel Schlatter)
will start today**

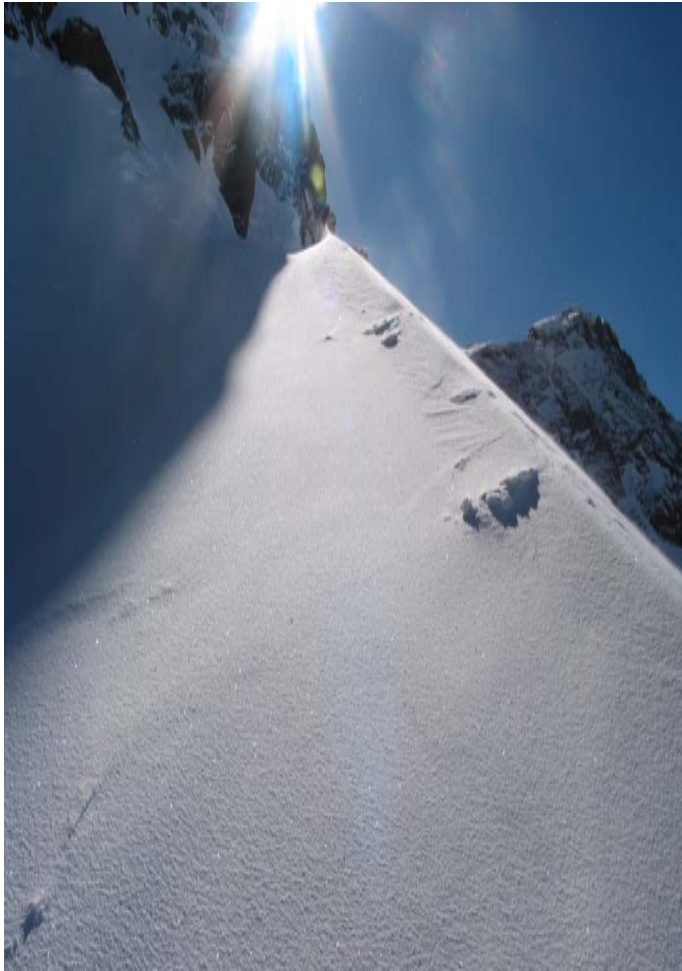
Solutions Architecture (Kai Schwidder)

Curriculum Vitae Kai Schwidder

- ▣ Born 1965 in Berlin, Germany
- ▣ Study
 - ▣ 1984 – 1989 TU-Berlin,
Master in Computer Science
- ▣ Professional Career
 - ▣ 1989 – 1993 Assistant at TU-Berlin, Wirtschaftsinformatik
Project Manager of DFG founded research projects
 - ▣ 1994 – 1997 Daimler Benz Aerospace
Lead Architect CNC Systems
 - ▣ 1997 – 1999 Ascom Switzerland
Lead-Architect Basis-System-Kunde
 - ▣ 1999 – 2002 IBM Switzerland, IGS BI
 - ▣ 2003 – today IBM Switzerland, SWG
Coverage CIO's, CTO's



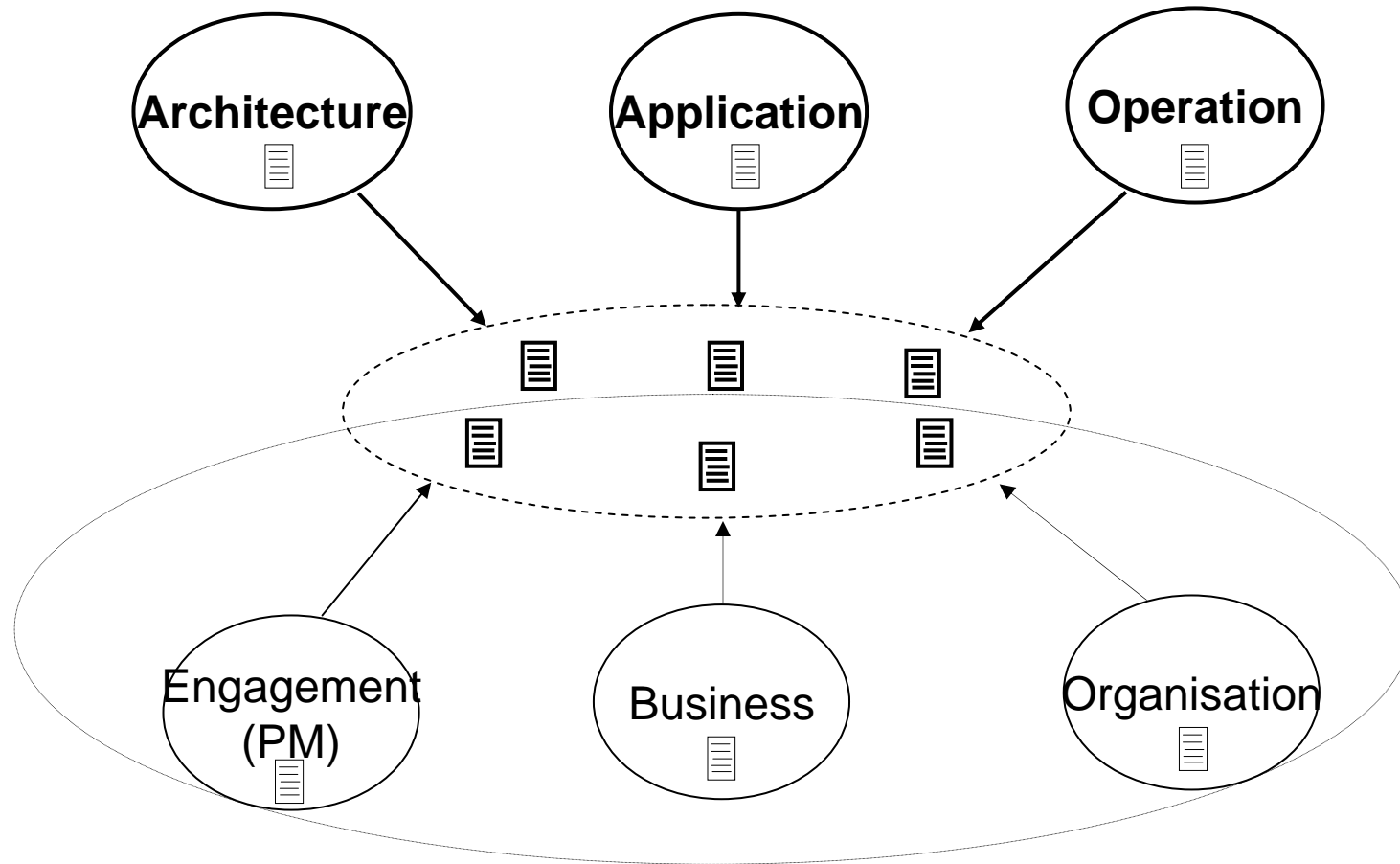
Technical Expertise and Projects



Key Areas

- ❑ Portal, Workplace
- ❑ Application Development
- ❑ Security, Single Sign On
- ❑ Enterprise Application Integration
- ❑ Process Choreography
- ❑ Linux (Suse, RedHat, Debian, Gentoo)

Scope : Solution Architecture



Case Study 1: Derendinger - Werkstatt der Zukunft



SOA and EA (Hans-Peter Hoidn)

Curriculum Vitae Hans-Peter Hoidn



- ❑ SOA Lead Architect CEMAAS, IBM Software Group
- ❑ 6 years with IBM and PwC (incl. merger)
- ❑ Previously with UBS (SBG and UBS incl. merger - 6 years), Digital Equipment Corp, etc.
- ❑ Architect since about 15 years
- ❑ Starting programming 1971
- ❑ Dr. sc. math ETH (1983)

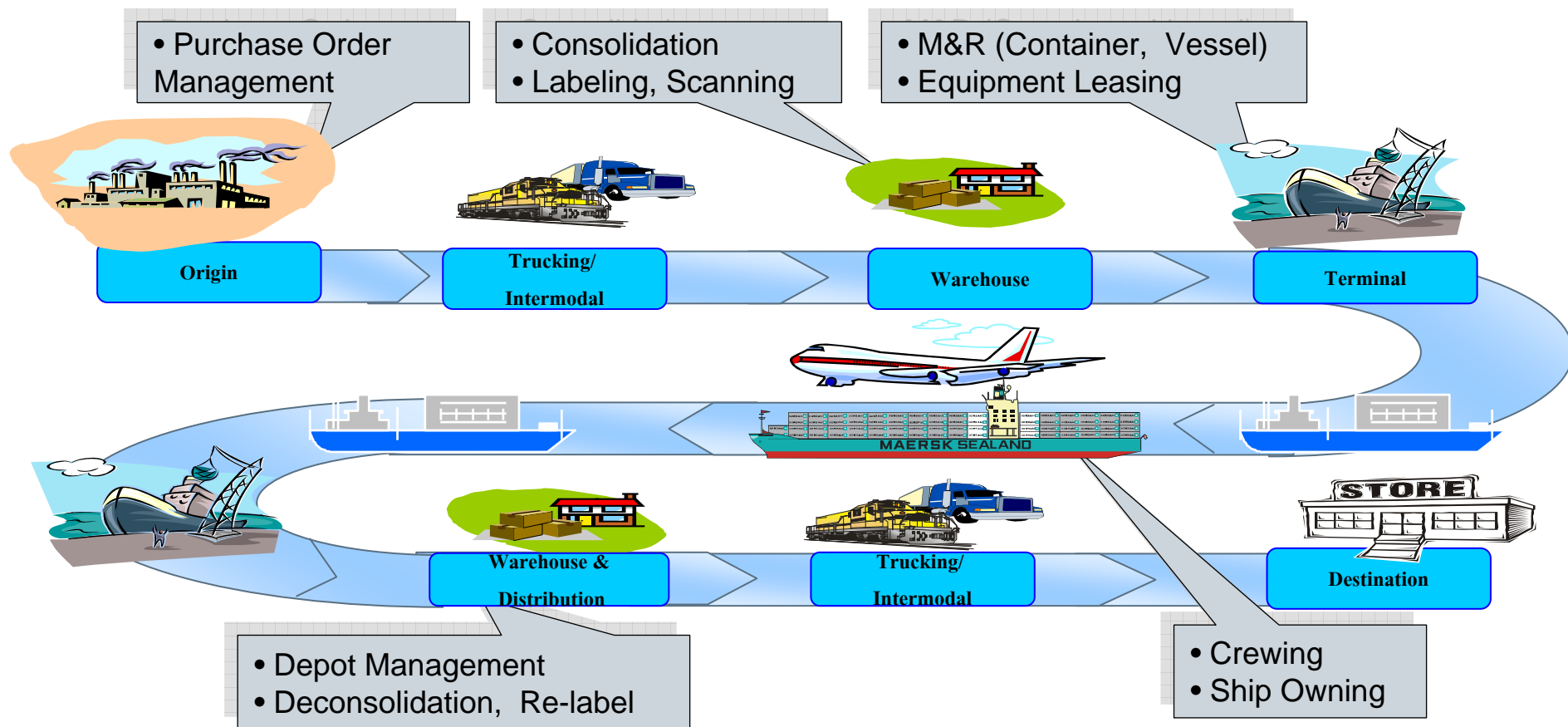
3 daughters (32, 29, 27 years old)

SOA (Service Oriented Architecture)

- ❑ The newest trend in IT
- ❑ Functionality is provided by Services
- ❑ Provides flexibility and agility

- ❑ Case Study 2: Integration Architecture for FACT
(Financial Accounting for Container Terminals – Maersk
Sealand)

Case Study 2: Container Business Value Chain



EA (Enterprise Architecture)

- Provides the link between strategies and the projects
- Addresses Business Architecture as well as IT Architecture
- Provides Architecture Management (“Governance”)

Case Study 3: Retail Business

Welcome to our World

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At Crea, we design, develop and manufacture consumer products for our strategic partners. We also conceive and implement exciting and effective marketing programs.

We've been doing it for 30 years worldwide.



Welcome.

- Premium Supply
- Promotions
- Point of Sale Displays
- In-store Merchandising
- Packaging
- Cross Promotions
- Event Marketing
- Games
- Sweepstakes
- Retail Products
- Branding Initiatives
- Marketing Strategy
- Creative Strategy
- Creative Development
- Product Development
- Product Design
- Manufacturing
- Distribution
- Corporate Catalogs

Who we are
What we do
How we do it
Who we work with
How to reach us

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Q & A – Next Steps

☐☐☐ Q & A – Questions & Answers

☐☐☐ Next Steps

- ☐☐☐ Let us know when you intend to attend
- ☐☐☐ Let us know the groups working together
- ☐☐☐ Until end of September latest