Curriculum Vitae

**b!team services
Matthias Köper**

Contact

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Summary

System link-up between ERP / CRM / Warehouse systems, especially linking SAP ERP to non-SAP systems, comprising the complete range of master data, transactional data, and business work-flows.

What to do in SAP Development and how to do it - this is the focus of my consulting expertise. What not to do in SAP Development and how to find other or better solutions. Knowledge transfer and training-on-the-job. Designing and implementing complex applications and interfaces. Above all: A process-oriented approach. SAP Development is about people and business first, and then about technology, too.

Personal data

Name:	Matthias Köper
Education:	Linguistics (main subject), Mathematics, Computer Sciences (additional subjects). University of Bielefeld.
Degree:	Magister Artium (M.A.)
Location:	Bremen
Position:	Freelancer. Senior Solutions Architect
Work experience:	1995
Languages:	English, German, French

Main focus

- SAP Development Consulting
- SAP Development Coaching
- Systems Architecture and Modeling (UML)
- ABAP Objects
- Application and Interface Development
- Process Integration and Monitoring
- Business Focus Logistics
- Practical experience ranging from self-realized small projects to successful development lead > 1.600 PD / 12 developers

Know-how and Expertise

Methods & Procedures

Generally	Change Management, Conception of Training and Lecturing, Leadership, Presentation, Team Leadership
Modeling	UML
Software development	Requirement Analysis, Requirement Management, Requirement Specification

Software & Tools

Other	Sparx Systems Enterprise Architect
Databases, OS	Linux, Unix
Programming languages and environments	ABAP, C, C++, Java, LaTeX, Shell
SAP	Netweaver IDOC, BAPI, SAP ABAP/4 Workbench, SAP NetWeaver, SAP R/3 Application Link Enabling (ALE), SAP R/3 CATT, SAP R/3 SD, SAP R/3 Smart Forms, SAP Web Dynpro+iView

Trades & Processes

Industry	Food and Stimulants, IT Services, Supplier, Transport & Logistics
Processes	Logistics

Additional Skills

SAP Business Connector

Project Experience

SAP ECC 6.0 Upgrade to EHP 4

SAP ECC 6.0 Upgrade to Hotpackage Level EHP 4.

Line of Business:	Foods and Beverages
Role in the Project:	Consultant
Functions in the Project:	Development consulting, Test automization with SAP eCATT.
Tools:	SAP Development Worbench, eCATT. Panaya systems upgrade tool.
Project period:	5/2011 – today

Projekt in Sector: Utilities

Link-up of a web-based Customer Self Service Application (Java) to SAP CRM 7.0 utilizing the GenIL/BOL layer. Design and creation of a suitable interface layer supporting a transparent coupling of the legacy application with SAP CRM processes/components.

Line of Business:	Utilities
Role in the Project:	Software Architect, Requirements Engineer
Functions in the Project:	• Architect
	• Requirements analysis and management
Project Environment:	• SAP CRM 7.0
	• ABAP Objects
	• SPARX Enterprise Architect (UML)
Project Period:	04/2010 – 03/2011

Project in sector: Banking

Development of a solution for regulatory reporting.

Line of business:	Banking
Role in the project:	Requirements Engineer, Subproject leader, Software architect
Functions in the project:	• Development lead
	• Reqirements analysis
	• Reqirements management
	• Ticket management (reported by test team, resulting from performance measurement etc.)
Project environment:	• SAP NetWeaver 7.10
	• ABAP Objects
	• SPARX Enterprise Architect (UML)
	• trac (trac.edgewall.org - Ticket tracking tool)
Project period:	12/2008 – 07/2010

Generic System and Process Monitoring - SAP based

• Monitoring of business processes and processing steps in SAP and non-SAP systems.

• Creating an infrastructure for central reporting of business events, and processing results.

• Mock-up and proof of concept by realization of central components in an intentionally simple form.

Line of business:	Aerospace

Role in the project:	Project leader, Architect
Functions in the project:	• Architecture
	• Concept
	• Customer interviews
	• Development lead
Project environment:	• SAP 4.6C
	• ABAP
Project period:	11/2009 - 12/2009

Change to strategic controlling tool

Implementing a change request to a strategic controlling tool (cost/production forecast comparing planned/estimated production order efforts/costs to as-is situation). Tools: New ALV object model, both ABAP Objects and classic ABAP)

Line of business:	Aerospace
Role in the project:	Analyst, Developer
Functions in the project:	Analysis and development.
Project environment:	SAP ECC 6.0
Project period:	12/2008 - 10/2009

SAP ECC 6.0 Delta Workbench Training

SAP ECC 6.0 Delta Workbench Training

Line of business:	Aerospace
Role in the project:	Coach, Trainer, Consultant
Functions in the project:	Preparation and delivery of a workbench training for SAP Developers:
	• SAP NetWeaver Overview - Product Family / IT Architecture
	• SAP ECC - Basis and Components (among others: Internet Communication Framework)
	• The new Development Workbench - Navigation and Tools
	• A Look at BAPIs - There are numerous new ones
	• Enhancing SAP ECC - Well known Exit Techniques and the new Enhancement Framework
	• The new ABAP Debugger
	• SAP Solution Manager Overview

- Open Questions

Project environment: SAP ECC 6.0

Project period: 12/2008 - 1/2009

SAP Release upgrade from 4.6C to ECC 6.0 Unicode

SPAU / SPDD. Unicode amendments to existing customer programs.

Line of business: Foods and Beverages

Role in the project: Developer, Consultant

Functions in the project: Development support

Project period: 8/2008 - 8/2008

SAP ECC 6.0 bi-directional link-up with CRM system "CAS CPWerx"

SAP ECC 6.0 bi-directional link-up with CRM system "CAS CPWerx" using XML communication to transfer master data (customer, material, hierarchies, contracts) as well as transactional data (sales orders). Objective: Delivering an easily maintainable ABAP solution with a reasonable amount of code reuse. Approach: Definition and employment of a semi-generic, phase oriented programming model.

Line of business: Foods and Beverages

Role in the project: Developer, Architect, Project leader, Software architect

Functions in the project: Bid management, project management, development.

Project environment: SAP ECC 6.0

Project period: 9/2007 - 8/2008

SAP ECC 6.0 Re-implementation of a SAP R/3 Beverage system

Re-design of SD user exits, partly using the new SAP Enhancement Framework. Dispatching various development activities to team members.

Line of business: Food and Stimulants

Role in the project: Developer, Architect, Subproject leader, Consultant

Functions in the project: Team lead, Development consultant.

Project environment: SAP ECC 6.0

Project period: 7/2007 - 8/2008

Project in sector: Food and Stimulants

Line of business:	Food and Stimulants
Role in the project:	Developer, Conceptionist
Project period:	5/2007 - 8/2007

Line of business:	Food and Stimulants
Role in the project:	Developer, Architect, Analyst
Project period:	11/2006 - 8/2007

SAP Release upgrade from 4.6C to ECC 6.0

Release upgrade of the central SAP ERP system (FI/CO/MM/SD/PP…) from R/3 Rel. 4.6C to SAP ECC 6.0

Line of business:	Supplier
Role in the project:	Developer, Consultant
Functions in the project:	Software logistics (STMS). Reconciliation of modified programs, and dictionary objects (SPAM/SPAU). Analysis, development (program amendments), testing
Project environment:	SAP ECC 6.0
Project period:	9/2006 - 6/2007

Energy data management by SAP IS/U - EDM: Data exchange processes „GPKE" via SAP PI (formerly SAP XI) resp. EDI.

Enabling GPKE data exchange processes via SAP PI. Defining a suitable development environment.

Line of business:	Supplier
Role in the project:	Conceptionist, Co-ordinator, Consultant
Functions in the project:	Coordination, Link-up of the SAP IS/U backend system to SAP PI. Integration of SAP PI into the existing email infrastructure (Lotus Domino Server). Set-up of a development master PC equipped with the development tools needed for the project work (Java components, browser configuration, Netweaver Developer, Altova XML Tools).
Project environment:	SAP NetWeaver Developers Studio
	SAP XI / SAP PI
Project period:	3/2007 - 5/2007

SAP Portal Prototyp Collaboration

Line of business:	Supplier
Role in the project:	Architect
Project period:	6/2006 - 7/2006

Enterprise Application Integration, Link between ERP system „Branchware" (AS/400-based) and SAP R/3 4.6C

Enterprise Application Integration, Link between ERP system „Branchware" (AS/400-based) and SAP R/3 4.6C enabling sales and logistics execution processes as well as materials management across both systems.

Line of business:	Foods and Beverages
Role in the project:	Developer, Software architect, Consultant
Functions in the project:	Design and development of interface along the supply chain. Support during Going Live. Creation an update of sales orders, and delivery documents. Goods issue postings. Master data exchange (customers, materials, pricing conditions). Purchase orders: Creation, update, goods receipt. Stock transfer orders: Creation, update, delivery generation, goods issue, goods receipt. Setting up a standardized ALE/Idoc processing schema enabling a business process monitoring of all out- and inbound interfaces (document tracking).
Project environment:	SAP R/3 Beverage 4.6C
	Seeburger BIS
Project period:	9/2005 - 3/2006

Implementation SAP R/3 Retail 4.6C

SAP R/3 Retail Rel. 4.6: Implementation of SAP Retail for a major retailer's logistics service provider. Team lead and coaching of the legacy system developers, who had received some basic training for SAP R/3. Support of the project lead. Database and system tuning (both at ABAP and database level). Performance monitoring and profiling/analysis.

Line of business:	Retail
Role in the project:	Developer, Coach, Conceptionist, Teamleader, Co-ordinator, Analyst
Functions in the project:	Extensive application development (mainly dialog applications, substantial amount of interface development). Testing using CATT. Coaching; documentation; design; moderation of meetings; assistance for project lead; realization; quality assurance.
Project environment:	SAP R/3 Retail 4.6C

Project period: 8/2002 - 7/2005

Note

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