

Matthias Küspert

software engineering



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Profile

Software Engineer since 1988.

Focus

- Construction and management of agile development infrastructure and complex build/test systems in enterprise environments.
- Consulting regarding OpenSource technologies and concepts.

Skills

- Realization of complex architectures (Conception, Implementation and Rollout)
- Extraction of specific goals and test-scenarios
- Adaption to given enterprise structures
- Technical project management

Knowledge

- Languages: German (native), English (fluent), Spanish
- Programming- and scripting-languages: Java, C/C++, Perl, Shell, ...
- IDE: Eclipse, IntelliJ IDEA, ...
- Build-systems: Maven, Ant, autoconf/Makefile, ...
- CI-Server: Hudson/Jenkins, Bamboo, Cruisecontrol, Anthill, Luntbuild
- Collaboration: Jira, Wiki
- Backend: Servlets, RDBMS, ODBMS, Messaging, RMI
- SOA/ESB: OSGi, Bnd, Pax, ServiceMix, CXF, ...

Education/Career

- since 1996: Freelancer - Consulting and development
- 1990 - 1996: HQ Interaktive Mediensysteme GmbH (<http://www.hq.de>).
- 1989 - 1990: Freelancer - Consulting and development
- 1985 - 1988: Berufsakademie Lörrach

Latest Projects

since Q4/2011: Automating the Deployment Management, Deutsche Bank / Frankfurt

Daily business: Crowd-, JIRA-, Confluence- and Nexus Administration

Consulting on automating the processes according to a given design, implementation of plugins and other components.

Q2/2010 - Q4/2011: Deployment Management & Automation, Telekom / Darmstadt

Daily business: Build- and Deployment Management

Designed, implemented and delivered a framework to integrate vendor deliveries into the enterprise testing and release processes (see: <http://avato-consulting.com/de/pdfs/SWF-Introduction-Avato-Whitepaper.pdf>):

- Implementation using JIRA, Hudson, Mercurial, Nexus and Maven - and various plugins/tools
- Coordination and first-level support when installing the processes
- Documentation and onboarding of the maintenance team

Q4/2009 - Q1/2010: Build Management, EnBW / Karlsruhe

Refactoring, optimization and management of the CI builds - Tool scripting - Artifact Delivery Management.

Q2/2009: Pax UserAdmin/LDAPServer

Start of 2 Open Source projects:

- <http://www.ops4j.org/projects/pax/ldapserver/>
- <http://www.ops4j.org/projects/pax/useradmin/>

Developed an OSGi UserAdmin service that encapsulates arbitrary User-Management systems (LDAP, ...). As a proof-of-concept a Pax LDAPServer and an OSGi PreferencesService adapter are included.

Q1/2008 - Q2/2009: Development & Infrastructure Management, LSY / Raunheim

Build and management of the development infrastructure:

- SCM- and Build-Management
- Prozess Identification & Definition (Issue-, Release-, Escalation-Management)
- Communication-Management (Mailing-List, Wiki, Document-Management)

Q1/2007 - Q4/2007: Build & Release Management, DVAG / Frankfurt

Management and Tooling of the build-/release-processes. Design & development of an Eclipse/PDE based application to manage the deployment process.

... and before ...

Q4/2006: Test-Reporting and -Visualization, T-Online / Darmstadt

Selection and customization of an OpenSource tool to manage/vizualize Testcases and -results.

Q2/2006: Prototyp Enterprise-Service Backbone, LSY / Louisville

Design & implementation of a high-availability service-backbone. Proof-of-concept implementation based on OSGi.

The complete history (German only): <https://www.gulp.de/profil/mkuespert.html>