

# JUG Cologne



Java User Group Cologne

FÜR EXPERTEN UND LEUTE, DIE ES WERDEN WOLLEN!

Tec Talk:

**August, 21th 2007**



**EJB3 CO-SPEC LEAD**

6.30 pm doors open  
6.50 pm welcome  
7.00 pm Talk  
8.30 pm Q&A  
9.00 pm discussion in public bars

Speaker: Mike Keith

## **Building Java Applications using EJB 3.0 and JPA**

### **Abstract**

Over the past year new Java specifications have been released to impel industry standards towards the current state-of-the-art. Of notable significance are the Enterprise JavaBeans (EJB) 3.0 and the Java Persistence API (JPA), which define a significantly simplified model for business components and Java persistence, particularly when mapping entities to object-relational data models. These specifications break new ground in creating harmonious programming models that are both easy to use and sufficiently powerful to produce enterprise-grade applications. This tutorial will introduce the concepts and principles of EJB 3.0 components, both from the developer and user perspectives. The use of annotation and XML metadata will be described and the notions of interception and dependency injection will be explained. The integration of EJB with the Java Persistence API will also be discussed, with an overview of the JPA programming model. JPA topics will include an overview of the operations on entities and the entity life cycle, object-relational mapping using metadata, static and dynamic queries, and JPA in a Java SE environment.

### **Bio**

Mike Keith was the co-specification lead for EJB 3.0 (JSR 220) and a member of the Java EE 5 expert group (JSR 244). He co-authored the premier JPA reference book called Pro EJB 3: Java Persistence API and has over 15 years of teaching, research and development experience in object-oriented and distributed systems, specializing in object persistence. He is currently a Java and persistence architect for Oracle and is a popular speaker at numerous conferences and events around the world.

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Kölsch & Food by:

Location:

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