SPA2005 SESSION PROPOSAL

Num: 50

Working Title **Easy EJB**

                Tutorial   **75 minutes**

One Line Description:

See the New POJO Programming Model for Enterprise JavaBeans 3.0

Abstract:

Enterprise JavaBeans is a powerful and widely-used technology which has caused a lot of developer complaints. Despite offering services such as transactions, persistence, and security, the technology is often avoided because it is too complex to use. However, there's a new version of EJB which challenges that perception and is likely to attract a whole new generation of developers.

This session will present the new EJB programming model, which combines powerful features with an API based on "Plain Old Java Objects" (POJOs). It will show how the new API facilitates both test-driven development and rich object models which make heavy use of inheritance and polymorphism.

Those who have struggled with the complexity of old EJB will find a refreshing, simpler new way of doing things. Those who have never used EJB are especially welcome, because they will learn that anyone can now take advantage of this powerful technology.

Audience:

Some familiarity with Java, relational databases, and system concepts such as transactions and security is required. Participants do *not* need any EJB experience.

Benefits:

* Learn the new programming model
* See how EJB can work with agile, rich OO approaches to software

Materials:

* Slides for presentation
* Survey of attitudes to EJB

Process:

00:00 - 00:05 Survey of EJB attitudes (part I)
00:05 - 00:20 Themes and Goals of EJB 3
00:20 - 00:30 Session and MDB in EJB 3
00:30 - 00:55 POJO Entity beans
00:55 - 01:10 A working example
01:10 - 01:15 Survey of EJB 3 attitudes (part II)

Outputs:

Survey results from both the beginning and end of the session, showing general attitudes about EJB, and how they change in the light of the new EJB3.

History:

Brand new.

Submitter(s)

Scott Crawford   Independent

Scott Crawford has been a practitioner, advocate, and mentor for Enterprise Java Beans(tm) since 1999. Since 2003 he has served as one of four independent members worldwide on the EJB 3.0 expert group - the people writing the next version of the specification.

A veteran of the IBM Java Technology Centre, he has been an independent consultant since 2000. In addition to his day job as software architect for investment banks, he has presented many tutorials and technical sessions at conferences including OT, OOPSLA, and Java One.