

Object Database Technology Users and Vendors Roundtable

Tuesday, December 11, 2007
08:00-12:00 am
OMG Technical Meeting
Burlingame, CA

Meeting Sponsored by: Middleware and Related Services Platform Task Force (MARS)

Committee: Michael Card
Char Wales
Anat Ghafni
Prof. Kazimierz Subieta

Objective:

Gather together *vendors* in and *users* of Object Database Technology in order to learn and share their opinions on the work performed so far by the OMG Object Database Technology Working Group (ODBTWG).

Working from the responses to the Request for Information ([RFI](#)) issued in February 2006, the WG has been investigating the research done by Prof. Kazimierz Subieta of the Polish Japanese Institute for Information Technology (PJIT) in Warsaw, Poland. Prof. Subieta's team has developed an approach called "Stack-Based Architecture (SBA)" for defining the contents of an object database, the semantics of an abstract stack-based query processor, and its associated query language (SBQL). The WG considers this work to represent the object equivalent of the relational calculus in that it provides a precisely-defined, semantically complete set of definitions of what objects are, how they are stored, and how they can be queried. Looking ahead, we would like to consider basing any future object database standard on the SBA object model so that the language bindings, query languages, etc. that follow are well-defined, self-consistent, and complete. Doing this would address many of the criticisms leveled at the earlier ODMG standards (e.g., ODMG 3.0).

The objective of this meeting is not only to explain how we think the principles of the SBA could be incorporated into a future object database standard but also to *listen* to the opinions of object database vendors and users regarding this idea. To that end, nothing will be off limits. Let this be a forum for open discussions on what future object database standards should or should not look like, open-source collaborative projects such as reference implementations or conformance test suites, trends in the object database marketplace, level of user interest in object database technology, etc.

Agenda

Call to Order: Introductions and Agenda	Char Wales	8:00 – 8:15
Introduction to the Next Generation Object Database Standardization Effort	Mike Card	8:15 – 8:30
Keynote: "Object database semantics: the stack-based architecture"	Prof . Kazimierz Subieta	8:30 – 9:45
Break		9:45 – 10:00
ODBMS Forum: Summary of Initial Reactions to White Paper	Anat Ghafni	10:00 – 10:30
Roundtable: Users and Vendors reactions, comments, discussions	Mike Card – Facilitator	10:30 – 11:30
Moving Forward – Plan of Action	Char Wales – Facilitator	11:30 – 12:00