
Best Practices for XML Schema Evolution in Application Development

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Abstract

As XML documents become a central part of enterprise application design developers and architects commonly build object models based on the definitions provided by a XML document's Schema. Changes in application functionality or business requirements often lead to modifications of the XML Schema which can require a complete redesign of the enterprise application. Building applications that are tolerant of evolving XML Schema is imperative for application maintenance and lowering development costs. This session discusses which XML Schema changes effect application code and how to design applications that minimize the impact of these changes. The examples used will be based on J2EE applications and the open source Apache XMLBeans framework.

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The author did not prepare a paper for the proceedings.

Biography

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Adam FitzGerald has been teaching application design, J2EE development and server administration since joining BEA Systems more than four years ago. He has co-authored several BEA Education offerings, presented talks at JavaOne and eWorld conferences and actively promoted the WebLogic server platform in developer communities. Originally from England, he researched mathematical techniques in computer vision at the University of North Carolina before joining BEA and currently resides in New York, NY.