Declarative Data Services: This Is Your Data on SOA

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With the current push towards service-oriented architectures (SOA) and process orientation, data seems to be getting lost in the SOA shuffle. At the end of the day, however, most applications are still about data, and service-oriented applications are no different. In this talk, we will argue that data services are a critical piece of the SOA application puzzle. We will discuss an approach to SOA data modeling that involves defining a network of related data services. We will also make the case for a declarative approach to defining such services, showing how the proposed approach enables a level of highly performant composition (reuse) that is not attainable through other, more traditional approaches. Along the way we will identify industry standards from W3C and other consortia that offer a standards-based foundation for data services.

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