

TECHNOLOGY TRANSFER PRESENTS

JOHN KNEILING

WEB SERVICES AND XML

TOOLS, TECHNOLOGIES,
AND ARCHITECTURES

OCTOBER 29-31, 2008

VISCONTI PALACE HOTEL - VIA FEDERICO CESI, 37
ROME (ITALY)



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ABOUT THIS SEMINAR

Web Services and XML are the technologies of choice for mainstream applications across virtually every major industry today. The standards and specifications for this technology are defined by W3C, Oasis, and other groups, as well as the vendors themselves, who support .NET, Java, and other implementations. This seminar guides delegates through these architectural approaches, and examines tools and products that support the development of Web Services and XML applications and frameworks, including XML vocabularies, design, and organization, Web Services and XML implementation of a Service-Oriented Architecture (SOA), .NET and Java application servers, object-relational-XML mapping, XML databases, and XML Middleware. The course emphasizes Best-Practices in Web Services and XML development.

YOU WILL LEARN TO

- Apply Service-Oriented Architecture to Web Services and XML Applications
- Develop applications to Web Services specifications
- Design a Web Services Application
- Develop an XML schema to support Business requirements
- Identify organizations that support and develop XML industry standards
- Choose an Application Server that conforms to Web Services and XML Standards
- Understand the strengths and weakness of .NET and Java implementations
- Integrate .NET and Java applications using Web Services
- Choose an XML DMBS product
- Develop an XML database
- Query an XML database
- Integrate data and applications using XML Middleware
- Map XML, Relational, and Object-Oriented databases
- Implement and understand Web Services and XML Best Practices

WHO SHOULD ATTEND

- Information Professionals responsible for Business Intelligence Frameworks
- IT Professionals who will design or develop Web Services and XML applications
- Professionals who will create or maintain the Web Services infrastructure or integrate it into the Enterprise
- Architects who will choose and/or integrate Web Service products, tools, or on-line services

<p>1. XML Technology</p> <ul style="list-style-type: none"> • XML Principles and Architecture • DTD: Document Type Definition • XSD: XML Schema Definition Language • XSLT: Extensible Stylesheet Language Transformations • XQuery: XML Query Language • XML Tools and Products <p>2. Basic Web Services Technology</p> <ul style="list-style-type: none"> • Web Services and SOA (Service-Oriented Architecture) • WSDL: Web Services Description Language • SOAP: Simple Object Access Protocol • UDDI: Universal Description, Discovery, and Integration • Basic Web Services Tools and Products <p>3. Advanced Web Services Technology</p> <ul style="list-style-type: none"> • Advanced Web Services Specifications and Applications • WS-Coordination and WS-Transaction • BPEL4WS: Business Process Execution Language for Web Services • Web Services Security Standards and Implementations • Reliable Messaging and Large Payload Transport • Organizing Web Services with WS-Policy • Advanced Technology Tools and Products <p>4. Developing XML Applications</p> <ul style="list-style-type: none"> • Integrating and Representing XML Documents • Validating XML Data • Administering XML Schemas • Transforming XML Documents • XML Data Query Approaches and Strategies • XML Development and Integration Tools and Products 	<p>5. Developing Web Services Applications</p> <ul style="list-style-type: none"> • Utility, Business, and Controller Service Models • Modeling Component Classes and Web Service Interfaces • Web Services-Oriented Encapsulation • Integrating Mixed Granularity Service Compositions • Improving Web Services Functionality • Integrating SOAP Messaging • Web Services Development Tools and Products <p>6. Developing and Integrating XML and Databases</p> <ul style="list-style-type: none"> • XML and Relational Database Differences • Integrating XML and Relational Databases • Mapping XML to Relational • Extending SQL to XML • XML Native Databases • Data Tools and Products that Support XML <p>7. Application Integration Strategies</p> <ul style="list-style-type: none"> • Application Integration Basics • Levels of Integration • Types of Integration Middleware Products • Selecting and Defining an Integration Path • How to Select Middleware Tools and Products <p>8. Integrating Legacy Applications with Web Services</p> <ul style="list-style-type: none"> • Application Integration Service Models • Web Services Integration Components • One-way Web Services Integration • Point-to-point Integration with Web Services • Controlling Data Access with Web Services • Adapting Legacy Architectures to Web Services • Legacy Application Integration Tools and Products 	<p>9. Web Services Enterprise Integration</p> <ul style="list-style-type: none"> • Enterprise Integration Architecture Service Models and Components • Web Services Enterprise Integration Architecture • Streamlining Integration Endpoint Interfaces • Optimizing Endpoint Services • Integrating Legacy Architectures • Integrating Web Services Security • Choosing Frameworks, Tools, and Products <p>10. XML Best Practices</p> <ul style="list-style-type: none"> • Planning XML Projects • XML Knowledge Management • Standardizing XML Applications • Designing XML Applications • Testing XML Applications • XML Testing and Management Tools and Products <p>11. Web Services Best Practices</p> <ul style="list-style-type: none"> • Planning Web Services Projects • Standardizing Web Services • Designing Web Services Environments • Managing Web Services Projects • Implementing Web Services • Testing Web Services Applications • XML Testing and Management Tools and Products <p>12. Building a Service-Oriented Enterprise (SOE)</p> <ul style="list-style-type: none"> • SOE Activities, Services, and Processes • SOE Business Modeling • SOE Technology Architecture • Supporting SOE with Web Services and XML • Applying the XWIF Layered Scope Model (LSM) • Product and Tools Support for the XWIF LSM
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INFORMATION

<p>PARTICIPATION FEE</p> <p>€ 1500</p> <p>The fee includes all seminar documentation, luncheon and coffee breaks.</p> <p>VENUE</p> <p>Visconti Palace Hotel Via Federico Cesi, 37 Rome (Italy)</p> <p>SEMINAR TIMETABLE</p> <p>9.30 am - 1.00 pm 2.00 pm - 5.00 pm</p>	<p>HOW TO REGISTER</p> <p>You must send the registration form with the receipt of the payment to: TECHNOLOGY TRANSFER S.r.l. Piazza Cavour, 3 - 00193 Rome (Italy) Fax +39-06-6871102</p> <p>within October 14, 2008</p> <p>PAYMENT</p> <p>Wire transfer to: Technology Transfer S.r.l. Banca Intesa Sanpaolo S.p.A. Agenzia 6787 di Roma Iban Code: IT 34 Y 03069 05039 048890270110</p>	<p>GENERAL CONDITIONS</p> <p>GROUP DISCOUNT If a company registers 5 participants to the same seminar, it will pay only for 4. Those who benefit of this discount are not entitled to other discounts for the same seminar.</p> <p>EARLY REGISTRATION The participants who will register 60 days before the seminar are entitled to a 10% discount. The participants who will register 30 days before the seminar are entitled to a 5% discount.</p> <p>CANCELLATION POLICY A full refund is given for any cancellation received more than 15 days before the seminar starts. Cancellations less than 15 days prior the event are liable for 50% of the fee. Cancellations less than one week prior to the event date will be liable for the full fee.</p> <p>CANCELLATION LIABILITY In the case of cancellation of an event for any reason, Technology Transfer's liability is limited to the return of the registration fee only.</p>
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Registration fee:
€ 1500

If registered participants are unable to attend, or in case of cancellation of the seminar, the general conditions mentioned before are applicable.

first name

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Stamp and signature

Send your registration form with the receipt of the payment to:
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SPEAKER

John Kneiling is Principal Advisor at The TechPar Group. His clients at TechPar include Cognos, Ascential Software, The Federal Reserve Bank and NATO. Prior to joining TPG, Mr. Kneiling was a Director of WebEAI, where he created the XML and Web Services strategy for Bristol-Myers Squibb's Global Strategic Sourcing Group. He was formerly Vice President of Information Architecture at MetLife, a Fortune 500 Financial Services Company, where he was responsible for information flow throughout the company, its affiliates, customers, suppliers and partners, using B2B e-Commerce, XML strategies and Web-Enterprise application integration. Prior to joining MetLife, he was with International Systems Group, DataBase Associates, Codd & Date, Price Waterhouse, Citibank, The Bank of New York and Con Edison. Mr. Kneiling has participated as a speaker in numerous user and professional groups, has authored a number of books and articles on computer technology.