RAPID DELIVERY SOA TECHNOLOGIES FOR ENTERPRISE ARCHITECTURE

1-Day Public Seminar on Service-Oriented Architecture and related Technologies

Presented by Clive Finkelstein

- Rapid Delivery SOA Technologies using XML, Enterprise Application Integration (EAI), Web Services, Service Oriented Architecture (SOA) and Business Process Management (BPM) Technologies

With the rapid pace of change today, the need for transformation from today's inflexible business environment to an agile enterprise that can change direction rapidly has never been greater. Yet the structures, processes and systems that we have today are inflexible: they are incapable of rapid change. Methods and technologies for Rapid Delivery of e-Government and e-Business Strategies are needed that support rapid business change – with systems that also change in lock-step. This is both a business problem and a computer problem. It needs strategic direction from management, with these directions then translated into rapid delivery action using SOA Technologies by your business experts working with your IT experts.

Audience

- Enterprise Architects
- BPR Analysts, BPM Analysts,
- Business and Systems Analysts
- Systems Developers, Web Developers
RAPID DELIVERY SOA TECHNOLOGIES FOR ENTERPRISE ARCHITECTURE

Using XML, Web Services, Enterprise Application Integration (EAI), Service Oriented Architecture (SOA) and Business Process Management (BPM) for Rapid Delivery of Priority Processes into Production as automatically-generated Systems

1. REVIEW OF XML, XSL AND XSLT FOR INTEGRATION
Reviews the concepts of XML, Extensible Style Language Transformation (XSLT) and XSL that are used for integration by EAI, Web Services and SOA technologies

2. ENTERPRISE APPLICATION INTEGRATION (EAI) CONCEPTS
Discusses Enterprise Application Integration (EAI) concepts with XML messaging standards
• Reviews EAI approach used by ebXML for EDI
• Reviews EAI vendor strategies and products, including webMethods, Microsoft, IBM, TIBCO, SeeBeyond, Vignette and others

3. WEB SERVICES CONCEPTS AND EVOLUTION
Introduces concepts of Web Services, together with Simple Object Access Protocol (SOAP), Web Services Description Language (WSDL) and Universal Description, Discovery and Integration (UDDI)

4. REVIEW OF WEB SERVICES STRATEGIES AND PRODUCTS
Discusses different Web Services scenarios and the market evolution of Web Services
• Examines the impact that Web Services have on existing EAI approaches
• Reviews strategies and products of Web Services vendors, including Microsoft, IBM, Oracle, Software AG, BEA, and others

5. SOA AND BPM CONCEPTS, STRATEGIES AND PRODUCTS
Introduces the concepts of Service Oriented Architecture (SOA), Event Driven Architecture (EDA) and Business Process Management (BPM) languages for dynamic invocation

6. NEW DIRECTIONS FOR ERP, CRM, SCM, SRM AND LEGACY
• The need for Enterprise Service Bus ESB middleware support for SOA, together with Metadata Repositories/Registries
• SAP NetWeaver SOA capabilities and implications for ERP, CRM, SCM and SRM
• CA AllFusion Gen capabilities and implications for legacy systems

7. RAPID DELIVERY USING XML, EAI, WEB SERVICES AND SOA
Reviews integration technologies based on XML, XSL, XSLT, EAI, Web Services and SOA
• Reviews how these technologies are used to deliver e-Government and e-Business priority processes into production as automatically-generated systems
• Discusses maintenance methods based on these technologies and Enterprise Architecture that enable implemented e-Government and e-Business areas to respond rapidly to business changes
RAPID DELIVERY SOA TECHNOLOGIES FOR ENTERPRISE ARCHITECTURE

Instructor: Clive Finkelstein

Clive Finkelstein is acknowledged worldwide as the “Father” of Information Engineering, and is Managing Director of Information Engineering Services Pty Ltd in Australia. He has over 46 years’ experience in the Computer Industry. He has published many books and papers, and contributed Chapters and Forewords to books published by McGraw-Hill and Springer-Verlag. Clive has authored the following books:

- “Information Engineering”, James Martin and Clive Finkelstein, Savant Institute, Carnforth: Lancs UK (1981). This was the book that started the Information Engineering Revolution in the 1980's.

Clive Finkelstein is an internationally renowned consultant and instructor, and has completed projects for Defense, Government and Commercial organizations throughout the world and in most industries. The emphasis of these projects has been to bridge from strategic business plans to information systems, so aligning systems closely with corporate goals. Many projects have involved the Zachman Framework for Enterprise Architecture, using the latest methods and technologies for rapid delivery of priority areas into implementation. These methods use Enterprise Engineering for rapid definition of Enterprise Architecture. His technology focus addresses Enterprise integration technologies using XML, Enterprise Application Integration (EAI), Enterprise Portals, Web Services and Service-Oriented Architecture (SOA) for Business Process Management (BPM) using XML-based BPM languages.

He provides training and consulting in all aspects of the Zachman Framework for Enterprise Architecture, with rapid delivery of priority areas using Enterprise Engineering. During implementation he also moves organizations to rapid implementation using XML, Enterprise Portals, Web Services and BPM. These provide a central gateway to the information and knowledge resources of an enterprise on its Intranet and via the Internet. Enterprise Architecture, Enterprise Portals, Web Services, SOA and BPM will be key development methods and delivery technologies for most enterprises in the 21st century.

Clive writes a monthly online column on Enterprise Architecture Methods and Technologies for the BEye Network Online Magazine in the USA. He also publishes a free, quarterly technology newsletter via email: “The Enterprise Newsletter (TEN)”. Past issues of TEN are available from: http://www.ies.aust.com/. Click on the Papers link. His books, papers and projects are summarized at http://www.ies.aust.com/cbfindex.htm. He can be contacted at <cfink@ies.aust.com>. Many in-house skills-transfer courses and webcast seminars presented by Clive Finkelstein are at http://shop.ies.aust.com/.

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