Application Integration using Web Services

Developing and deploying ‘Web Services’ for interoperability across systems and platforms both Internally and Externally

Learn from our accomplished panel of speakers from:

Child Support Agency

MLC

CSIRO ICT Centre

Defence Housing Authority

NSW Health

Capgemini

Centrelink

The Warehouse

Badja Interconnect

University of Melbourne

Citigroup

OASIS

Cendant Travel Distribution Services

Post Conference Workshops:

Workshop A: Context and Application of Web Services within the Enterprise, Capgemini

Workshop B: Dynamic Integration of Applications using Web Services Tools and Technologies, Transentia

This event will enable you to:

- Understand how and why web services should be used in your organisation for maximum benefit
- Learn how to build and implement a web services strategy
- Realise the enormous cost saving potential achievable through web services
- Explain and sell the advantages of web services in order to gain senior management approval
- Integrate web services into your IT architecture
- Evaluate the security risks involved in implementing your web services strategy
- Progress with your web service strategy despite the ongoing standards debate
- Evaluate the benefits of web services driven service-oriented architecture
- Assess how web services will impact on your organisation and what to expect in the future

Conference: 26-27 July 2004

Post-conference workshops: 28 July 2004

Venue: The Grace Hotel, Sydney

www.ark-group.com
More and more organisations are now beginning to deploy web services and create business driven web service strategies (despite the ongoing standards debate). Web services provide the interoperability needed in order to maximise efficiency and maintain a competitive edge. Application integration a long term goal of many organisations is finally being realised as web services allow communication across different systems and platforms both internally and externally.

‘Application Integration Using Web Services’ will bring together organisations from the public and private sector that are in the process of, or have actually implemented a web services strategy. The case studies presented will give you a unique opportunity to see how web services are being deployed in a wide range of organisations and will address questions such as:

- How do web services achieve application integration?
- Does the business arm understand the high level IT talk?
- What are the risks involved in deploying web services?
- How are web services used as a cost cutting tool?
- Can your organisational culture adapt to a web services strategy?
- Are you aiming to achieve internal or external integration through web services?
- Do you have the right technology to implement a web services strategy?
- How are web services moving towards service-oriented architecture?
- Is this the right direction to take: What can we expect in the future?

This conference will provide valuable case studies giving you the opportunity to see how organisations that are already one step ahead of the rest, are putting their web services strategy into action and achieving application integration both internally and externally. This event will show you how web services are no longer a theoretical ideal or a vision for the future – they are a practical and cost-effective reality!
Day Two: 27 July 2004

8.15 Registration and refreshments

9.00 Chairperson’s opening remarks
Paul Greenfield, Research Leader and leader for the Distributed Systems Research stream, CSIRO ICT Centre

9.15 Aligning and integrating web services into your IT architecture and infrastructure
- Capgemini integrated architecture framework
- Web services and their context within the enterprise/project architectures
- Business process, business services and their relation to web services
- The business case for web services
- Impediments to take up

Mick Adams, Architecture Team Leader, Capgemini

10.00 Web Services as an enabler for “services based thinking”
- The blurring of the boundaries between “Inside” and “Outside”
- Access and ownership
- Using other peoples wheels
- The revolution is customer capability
- Services as the basis of Architecture
- Some real world examples

Peter Wilson, Independent Consultant (formally National Manager of Technology at the Australian Taxation Office)

10.45 Morning refreshments

11.00 Using web services to facilitate internal integration in a financial institution
- Defining your problem
- Using your Enterprise Conceptual Data Model to identify what you want to integrate
- Defining what services need to be published by which systems to achieve integration
- Patterns for successful integration
- Facilitating business process automation via web services

David Hall, Senior Domain Architect, Citigroup

11.45 Web services towards service-oriented architecture at Centrelink
- Re-use of internal services
- Opening out with external services
- The legacy of 1990s OO design
- Good web service design

Helen Austin, National Manager, Enterprise Architecture, Centrelink

12.30 Networking lunch

14.00 What can we expect in the future? Web services and beyond...
- What is the state of web services today?
- What barriers must be overcome to allow web services to become fully mature?
- How many organisations are using web services?
- How can enterprises leverage web services?
- How will web services evolve over the next five years?

Dr Kerry Taylor, Research Leader, CSIRO ICT Centre

2.45 Understanding web service standards and how this will affect your strategy
- Why are standards important?
- What do web service standards mean and why do we need them?
- Current status of web services standards
- Which standards will have the greatest impact on web services?
- Can you successfully implement web services before standards are in place?

Ram Kumar, General Manager – Software R&D and Architecture, MSI Business Systems (formerly, Mastersoft) and Founding Chairman, Customer Information Management Technical Committee, OASIS

3.30 Panel session: Web services automating the supply chain
The conference will be opened up to the floor and focus on using web services to automate the supply chain. Topics will include security, reliability, manageability.

4.30 Closing remarks from the chairperson and end of conference

Post-Conference Workshops, 28 July 2004

Workshop A
Context and Application of web services within the Enterprise

About your workshop leader: Mick Adams, Architecture Team Leader, Capgemini. Mick Adams is the leader of the Capgemini Architecture Team within Australia. Mick joined Capgemini in New Zealand 2000; he then relocated to the sunnier climes of Sydney in 2002. Mick originates from Blackburn, England. He holds a Masters Degree in Parallel Computing. His work life started as a junior programmer for the Financial Times in London; he then worked for various Hardware and Software Vendors before joining Capgemini. He is a Capgemini Certified Architect and an approved Architecture Facilitator for the Capgemini University in Paris.

About the workshop: This workshop takes a look at an ‘architecture framework’ and how web services fit within it. Attendees will be presented with a case study to work through and surmise when, and when not to apply web services. The case study looks at customer service requests being handled by an organisation and where web services may be applied in this context.

8.30 Registration and refreshments

9.00 Enterprise and project level architecture

9.30 Integration patterns and web services

10.00 Refreshments and networking

10.15 Web service identification within the enterprise

10.45 Leveraging existing web services

11.15 Web service tools and techniques

11.45 Questions and answers

12.15 End of workshop

Workshop B
Dynamic Integration of Applications using web services Tools and Technologies

About your workshop leader: Bob Brown, Director, Transentia Pty Ltd. Mr Bob Brown is a specialist in Java, Java 2, Enterprise Edition, Middleware technologies, Linux, CORBA, XML, and QO development. Bob has many years experience as a software researcher and developer and is a “recovering academic” with more than 10 years experience in tertiary-level lecturing in Europe, Asia and Australia.

About the workshop: This workshop will show how web services can be used to bring about what some people have called “the grown-up Internet”. The workshop will look at dynamic integration using tools/technologies such as Oracle’s XQuery tools, BEA’s Liquid Data product and Microsoft’s InfoPath 2003 application, and show how these tools can make dynamic Application-Application composition easier.

1:00 Registration and refreshments

1:30 Review: Service-oriented architectures

1:45 Overview of tools and technologies

2:15 Introduction to the workshop scenario: Purchasing the cheapest CD

2:45 Refreshments and networking

3:00 Undertaking application-application and technology-technology integration

4:00 Outstanding issues: Security, performance, transactions, etc

4:15 Looking to the future

4:30 End of workshop
Booking conditions

1. Bookings can be submitted at any stage prior to the event, subject to availability. A limited allocation is being held and booking early is therefore recommended. In the event of the booking not being accepted by Ark Group Australia the total amount will be refunded.

2. Payment must be received in full prior to the course.

3. All speakers are correct at the time of printing, but are subject to variation without notice.

4. If the delegate cancels after the booking has been accepted, the delegate will be liable to the following cancellation charges:
   - Cancellations notified over 45 days prior to the event will not incur a cancellation fee.
   - In the event of a cancellation being between 45 and 30 days prior to the event, a 20% cancellation fee will be charged.
   - For cancellations received less than 30 days prior to the event, the full delegate rate must be paid and no refunds will be available.

5. All bookings submitted by e-mail, fax, or over the telephone are subject to these booking conditions.

6. All cancellations must be received in writing.

7. Ark Group Australia will not be held liable for circumstances beyond their control which lead to the cancellation or variation of the programme.

8. All bookings, whether Australian or overseas will be charged Australian GST at the prevailing rate at the time of booking.