GSE Nordic Region Conference 2008

Featuring CICS, DB2, IMS, WebSphere, Infrastructure, and Application Development

28 - 30 May 2008
Elsinore, Denmark

Welcome

Dear colleague,

The GSE Nordic Region has the pleasure of inviting you to the Nordic Region Conference to be held in Elsinore, Denmark, at the Hotel Marielyst, 28 - 30 May 2008.

The GSE Nordic Region Working Groups are groups of information technology specialists, focusing on IBM software, who meet regularly. The main objective of the groups is to give their members an opportunity to meet, to exchange ideas and experiences, to deepen their knowledge and to broaden their perspective, and in co-operation with IBM to participate in influencing the future of data processing in general and particularly in the IBM software areas covered by the groups. Six of these groups are cooperating to arrange the yearly Region Conference: The CICS, DB2, IMS, Mainframe Infrastructure, WebSphere Infrastructure, and WebSphere Groups.

The conference offers a full view on the enterprise IT landscape. On the back end it focuses on the mainframe as the robust back end of the enterprise IT landscape, especially when using the transactional, database, and infrastructure subsystems including CICS, DB2, and IMS. On the front end it focuses on the WebSphere family of products including MQ, Message Broker, ESB, Process Server, and Service Registry and Repository on both distributed and mainframe platforms.

Also the ambition of the conference is double: It is not only a deep, technical conference for product specialists in these areas, but also a learning source for application developers, architects, and technically oriented managers who need to update their knowledge on the new features of the mainframe and the WebSphere family of products in order to make best use of it for their companies and organisations.

The conference also invites a number of staff members and students of the Danish Technical University and the Department of Computer Science at the University of Copenhagen as lecturers and as participants to broaden the scope and the networking opportunities.

The conference language will in general be English. But since this is a user conference, and since the most important aspect of it is users sharing their experiences with each other, you should be prepared for users who might prefer sharing their experiences in their own language.

Please note that GSE is non-profit, membership organisation, and all participants at a GSE conference are expected to come from a GSE member company or organisation or to be an individual member of GSE. If that is not yet the case, however, you can use this possibility to get to know more about GSE and to experience the value of participating at a GSE Nordic Region Conference.

The GSE Nordic Region Conference Steering Committee is looking forward to seeing you in Elsinore.

Programme

Many sessions are covering more than one area of interest or product.

An asterisk (*) denotes a session, which is especially suited for students and other newcomers to the area or product.

General Interest

S01. Conference Opening. Svenn-Aage Sønderskov, GSE Nordic DB2 Working Group Chairman (DK)

Audience: General Interest, Level: Basic

In this session the Steering Committees will bid you welcome to Elsinore and to the GSE Nordic Region Conference.

Svenn-Aage Sønderskov is chairman of the GSE Nordic Region DB2 Working Group..

S02. SOA in Danish Government. Christian Lanng or Mikkel Hippe Brun, Centre for Serviceoriented Infrastructure, Danish National IT and Telecom Agency (DK)

Audience: General Interest, Level: Basic

S03. * What is a mainframe? David Rhoderick, IBM (US)

Audience: Students, Level: Basic

Are mainframes really different, and if so how? and why? This presentation will describe the key qualities of a mainframe that differentiate it from distributed servers, and will help set up the evaluation criteria for understanding "Why a mainframe is important".

David Rhoderick is a Mainframe Evangelist in the IBM Software Group zSeries Competitive Project Office. He is focused on application deployment and the financial aspects of mainframe operation. In his 32 years at IBM (in the UK and the US), Dave has worked in many different fields including software pricing, CICS marketing, ISV recruitment, consulting, sales, systems engineering, management, development and systems programming. As well as extensive mainframe experience, he was involved in the development of the OS/2 operating system for PCs, and in porting a large DEC-VAX application to the AIX environment for a media company. Dave graduated from Cambridge University with an MA in Computer and Natural Sciences and is currently studying for a Masters in Musicology at the UK's Open University.

S04. * Mainframe's compliance and privacy solutions. David Rhoderick, IBM (US)

Audience: Students, Level: Intermediate

Keep One Step Ahead with the Mainframe's Compliance and Privacy Solutions System z is the most secure operating platform, with built-in capabilities to ensure privacy of data and secure processing for your companies whether simple or extended enterprises. A discussion on the latest capabilities that help customers comply, protect data, ensure privacy and reduce risk. You'll see a demo of how our compliance products uncover potential security exposures that are otherwise not readily apparent.

S05. System z News. Bob Rogers, IBM (US)

Audience:All, Level: Basic

IBM has recently announced and made available the IBM System z10 mainframe system. This presentation covers the highlights of the new hardware from a software perspective and the specific support for the z10 provided in z/OS.

Bob Rogers is an IBM Distinguished Engineer, working on System z software system design. He joined IBM in 1969 in Poughkeepsie as a computer operator. He received a B.A. in mathematics from Marist College in 1971 and subsequently became a computer programmer at the Poughkeepsie Programming Center, where he worked on the OS/360 operating system. Bob Rogers has been working on mainframe operating systems at IBM for over 35 years, including the transitions to both XA-370 and ESA/370, and was lead software designer for the transition to the 64-bit z/Architecture. As part of z/Architecture development, he contributed to the definition of the architecture and created the overall design of the software support. He implemented the support for single z/OS images with more than 16 CPUs. More recently, he was a lead designer of the z/OS support for the zSeries Application Assist Processors (zAAPs) and the System z Integrated Information Processor (zIIP). He is a member of the IBM System z Software Design Council and holds a number a patents. Bob is a frequent and popular speaker at technical conferences in the US and worldwide and occasionally teaches classes on the latest technologies to Software Vendors.

S06. zFS and other USS Enhancements. Bob Rogers, IBM (US)

Audience: All, Level: Intermediate

The original HFS on z/OS is now deprecated, with zFS taking its place. This presentation provides an overview of zFS and migration from HFS. It also covers a few interesting enhancements to USS and parts of z/OS for the Unix environment.

S07. SOA for Dummies. Alan Cooper, IBM (UK)

Alan Cooper is an IMS Consultant in the IBM Software Business, and is based in Newcastle, UK. He has worked with IMS for over 32 years, and has specialised in a broad range of aspects of IMS, including Performance, Fast Path, DBRC, Parallel Sysplex, e-business On Demand, and the new range of IBM's IMS Tools. Alan teaches IMS courses throughout Europe, and has written and contributed to several IMS Red Books. He features on the agenda of many IBM and GSE IMS-related technical conferences in Europe, assists with the IMS Early Support Programme, and travels widely to help customers working on the leading edge of IMS technology. His other technical interests include programming languages, and he is an enthusiastic champion of java.

S08. Open Source Software, a growing market. Peter Timm, Software Innovation (DK)

Audience: General Interest, Level: Basic

The potentials with use of Open Source Software (OSS) license both for the user and for the vendor will be presented:

OSS a license and a development method for software. Realize better quality and more effective development of software with the openness of OSS development method. New business models and economical potentials with OSS for both vendors and users with OSS.

Peter Timm has more than 30 years of working experience with It both from the vendor side and from the customer side. In the period 2006 – 2007 he worked for the Danish government establishing "the National Knowledge Center of Software" with the purpose og promoting both the use and the development of Open Source Software in Denmark.

S09. Inside z/OS. Jan Nimb, Mainsoft, and Svenn-Aage Sønderskov, JN Data (DK)

Audience: General Interest, Level: Intermediate

The complexity of a z/OS Environment is build up by many subsystems - i.e. DB2, CICS, COBOL, TWS, JCL, SMF and many more. These subsystems are in different ways depending on each other. Each subsystem is an individual system - but also a very important component of the total environment. From a user's point of view and experiences: Learn how you can create detailed and comprehensive views of subsystems and relations between these subsystems - even without in depth knowledge of the individual subsystems. And learn how you can establish overall control and knowledge of your entire z/OS Environment, which is of great benefit to system development and maintenance as well as efficient management of complex IT operations. The focus of the session will be crossreference-ability between z/OS subsystems, as well as flowcharting and reporting. Real-life customer examples will be shown.

Jan Nimb has a broad z/OS background. For more than 25 years he has been working with z/OS development, systems programming and systems software. Svenn-Aage Sønderskov has a broad z/OS background too. For more than 30 years he has been working with all aspects of z/OS both as an application developer, Systems Programmer and DBA with a large portion of the work focusing on Development support

S10. zIIP and zAAP for systems programmers. Bob Rogers, IBM (US)

Audience: Systems Programmers, Level: Advanced

Management is always interested in ways to cut costs. IBM has introduced several special-purpose processors to help them in their quest, leaving the systems programmers to manage the new beasts. This presentation covers the sysprog interactions with the zAAP and zIIP processors. It also distinquishes the outboard DataPower processor from inboard zAAP and zIIP processors.

S80. 10 good reasons to fall in love with the Mainframe. Marcel den Hartog, CA (NL)

Audience: All, Level: Basic

The world of Mainframe has changed. Mainframers have realized this, but in many cases we have not been able to convince our Management.

With the latest technical developments (zIIP, zAAP, Linux and SOA) and the need to be "Green", it's time we reclaim the position that the IBM Mainframe deserves.

What have companies like IBM and CA done to help mainframe users to get the most out of the mainframe and what do we need to do internally to convince our management?

This session will cover the various aspects of technology and more importantly the internal marketing we need to use to help our management to make better decisions.

Marcel den Hartog is Marketing Program Director EMEA for Mainframe & Security. In this role, he is a frequent speaker on both internal (customer) and external events where he talks about CA's mainframe strategy and vision, but also about market trends.

Marcel joined CA in 1986 as a Pre-sales consultant. Before this, he worked as a programmer/systems analyst on VSE and MVS systems, starting with CICS DL1/IMS and later with DB2. He is still an expert in CA Easytrieve and Cobol and has hands-on experience with many CA products. He was responsible for managing CA's pre-sales teams in The Netherlands, Belgium and South Africa for a number of years. Prior to his current role Marcel worked as a Linux Development Architect for CA's Linux and Open Source team. In that role, he served almost two years as a board member of the open source Plone Community.

S81. The new IBM mainframe. What is new? What could be done? What will be done? Paul Saers, AppointIT (SE)

S97. Questions and Answers. A round table discussion and Q&A with senior technical leaders at IBM, chaired by Dave Andrews, IBM Hursley (UK)

Audience: General Interest, Level: Basic/Intermediate/Advanced

Dave Andrews is an IBM Director at the Hursley Software Development laboratory. Dave is responsible for development of the CICS Family of Products, including CICS Transaction Server, CICS Transaction Gateway, TXSeries and the CICS Tools that form part of IBM's middleware software portfolio.

S98. Playstation 3 for Fun and Profit. Professor Brian Vinter, Department of Computer Science at the University of Copenhagen (DK)

Audience: General Interest, Level: Basic

The New CELL-CPU, which is the CPU of the new Playstation 3 represents a whole new philosophy, when it comes to dividing the responsibilities between hardware and software

Gone is caching, prefetch and branch-prediction. Instead the programmer gets previously unseen calculating power at his disposal. 206 Gflops pr CPU or 20 times as much as a regular desktop CPU.

This presentation describes the CELL-CPU, giving samples that demonstrate how a different approach to programming can maximise it's performance, yielding very impressive results. In closing, we see how the power of a network of Playstation 3 consoles in private homes can be used to help scientists with their demand for CPU calculating power.

Brian Vinter is Master of Engineering from Aalborg University and Doctor of Science from Tromsø University in 1999. He is Professor of Computer Science and Head of the Center for eScience at the University of Copenhagen, with supercomputers and Grid as his area of expertise. He has been employed at Syddansk University, Tromsø University and Princeton University and was until 2006 director of the Nordic DataGrid Facility. He is also a member of the management of MESH Technologies.

S99. Conference Closing. Michael Erichsen, Chairman of the GSE Nordic CICS Working Group (DK)

Audience: General Interest, Level: Basic

In this session every attendee is urged to offer criticism and suggestions for areas to be covered in future conferences by using the Feedback Form to the GSE Nordic Steering Committees. It will be used by the Steering Committees as input for planning the next conference.

Each GSE Working Group Chairman is elected for a two-year term and this year the CICS and Mainframe Infrastructure chairmen will be elected during this session.

Michael Erichsen is the chairman of the GSE Nordic CICS Working Group.

Application Development

S11. Web 2.0 Goes to Work : Unleash Your Enterprise Assets. Jenny Hung IBM (US)

Audience: General Interest, Level: Intermediate

Web 2.0 brings about a new dimension of imagination and innovation for organizations to use information as a strategic business asset to gain a competitive advantage. It advocates Representational State Transfer or "REST", an increasingly popular, powerful, and simple method of leveraging HTTP as simplified Web service or feed in XML, RSS, or ATOM. A REST service or Web feed can be remixed and mashed up in new and unprecedented ways. Countless everyday activities such as order status and inventory lookup are running enterprise transactions behind the scene. Learn how to unleash enterprise transactions into the Web 2.0 community with very little technical knowledge. The speaker will cover IBM's Web 2.0 Goes to Work offerings, which can rapidly blends information and Web services with enterprise content and services, including IBM DB2® pureXML- and IMS transactions; and easily mash them together to generate fast, flexible, and affordable applications. You will see a demo on transforming an enterprise transaction into a REST service and composing services into a business Web Mashup. Come and experience some inspiring Web Mashups to help you get started.

Jenny Hung is a software engineer working in IMS OnDemand with the focus to modernize IMS as the integration focal point in SOA and WOA. Her expertise includes IMS Info 2.0 (Web 2.0), IMS MFS Web solutions, IMS TM Resource Adapter, IMS SOAP Gateway, and Business Process Choreography. Jenny has a master degree in computer science from Stanford University

S12. Business Process Choreography and BPL4WS (Business Process Language for web Services). Jenny Hung, IBM (US)

Audience: Application Development Level: Intermediate

Business processes play a key role in business-to-business and enterprise application integration scenarios. They are the fundamental basis for building heterogeneous and distributed applications. Business Process Execution Language for Web Services (BPEL4WS) provides the flexible means to specify business processes that are composed of Web services as well as exposed as Web services. It has quickly become the standard for assembly of complex business processes or activities together and describing the interactions between them. These abstract activities can be controlled to run in parallel or in sequence, with conditions, or even involving human interaction. Come to this session to learn about BPEL4WS and choreographing business process applications. This session

will also walk through a demo of creating a real world business process involving enterprise applications.

Jenny Hung is a software engineer working in IMS OnDemand with the focus to modernize IMS as the integration focal point in SOA. Her expertise includes IMS Info 2.0 (Web 2.0), IMS MFS Web solutions, IMS TM Resource Adapter, IMS SOAP Gateway, and Business Process Choreography. Jenny has a master degree in computer science from Stanford University.

S13. Introducing Unicode. Christian Skalberg, IBM (DK)

Audience: Application developer, Architects, DBA Level: Intermediate

This presentation will introduce the what, why and how of UNICODE - what is UNICODE and why do we need it. It will also look at how to exploit UNICODE to approach truly multi-language applications, what we have and what is "missing". The bad news: we're not there yet. The good news: there is work for everybody for the next many years.

Christian Skalberg is the Godfather of DB2 in Denmark. He has worked longer with databases than most of the attendees have been in the IT industry and longer than several of the attendees have been on this earth.

S14. What's new in Enterprise COBOL Version 4. Tom Ross, IBM

Audience: Developer Level: Intermediate

Come and hear about the latest release of COBOL, Enterprise COBOL for z/OS Version 4 Release 1.

New in Enterprise COBOL V4.1 are XML PARSE enhancements, including XMLSS exploitation, XML GENERATE enhancements, including new syntax, Performance enhancements, DB2 coprocessor enhancements, Usability enhancements, and oOther functional enhancements

Tom Ross is a senior software engineer in COBOL development.

Tom has spent his entire 25 year IBM career in COBOL development, working on the compiler and run-time libraries for every release of VS COBOL II, COBOL for OS/390 & VM, and IBM COBOL on AIX, Windows, and OS/2. He is an expert in migration issues for COBOL and Language Environment for MVS and VM, and in many issues facing IBM mainframe customers. He is a frequent speaker at user groups and is the IBM representative for COBOL to SHARE.

Tom grew up in Los Gatos (a suburb of San Jose) California and earned a Bachelor Degree in Computer science from the University of California at Santa Cruz in 1982. He started his love affair with IBM on Valentine's Day, 1983

S15. Implementing SOA in CICS/Cobol environment at Jyske Bank. Hans Iversen og Carsten Andersen, Jyske Bank (DK)

Audience: Application development Level: Advanced

This session demonstrates how you can implement SOA in a CICS/Cobol environment using web services. Starting with a WSDL, generate COBOL copybooks and use them in a service-provider and in a service-consumer. The applications are CICS/Cobol programs using various CICS-commands including containers.

Carsten Andersen has more than 25 years of experience working with mainframe environments in the Danish financial sector, and has participated in the development of the integrationplatform in Jyske Bank.

Hans Iversen has more than 30 years of experience working with software development and teaching software engineering, and has participated in the development of the integrationplatform in Jyske Bank.

S16. Developing a Batch COBOL/DB2 application using RDz and Debug Tool. Larry England, IBM Silicon Valley Lab (US)

Audience: Application Programmers, Level: Intermediate

This session introduces you to the steps necessary to create a Batch COBOL application that accesses a DB2 for z/OS database using Developer for z. It will touch upon Eclipse, Developer for z, JCL, COBOL, and DB2 for z/OS as well as a basic SQL.

Larry England is a Senior Technical Staff Member at IBM's Silicon Valley Lab in San Jose, California. He has architectural responsibilities for application development tools on System z. England has worked in a number of areas during his IBM career including, VM/370, MVS, Language Environment, Multi-Media, Text search and retrieval, Database Management systems, and PL/I Runtime and Test.

England has a BS in Mathematics and Computer Science from University of Illinois, MS in Computer Science from Oregon State University, and post-graduate work at University of California Santa Cruz. When not working at IBM, he can be found running a trail in the California hills.

S17. Writing Java applications for System z. Larry England, IBM Silicon Valley Lab (US)

Audience: Application Programmers, Level: Intermediate

This session describes how to use IBM Rational Developer for System z to create and debug Java applications that will run on z/OS. It will touch on using Jz/OS with RDz.

S18. Profiling mainframe applications. Jørgen Møller Larsen, Nykredit (DK)

Audience: Application Developers, Level: Basic

A user's experience on profiling mainframe applications with the tool PathPoint from ASG (Allen Software Group). Learn how PathPoint can beat bad or non-existing documentation, and discover what's inside your legacy mainframe applications. PathPoint will help you to understand how your applications work, locate performance hogs and disclose bad designs. PathPoint makes runtime analysis of online transactions or batch jobs and provides detailed information about program and data usage and the performance of programs and SQL statements. The speaker will tell how PathPoint was used to secure the quality of the CICS backend in a project for a complex webservice-based application.

Jørgen Møller Larsen has 20 years of experience working with mainframe-centric environments in the Danish financial sector, and is responsible for the use and implementation of development, testing and performance tools in Nykredit.

S19. DB2 Query Optimization - Part 1. Gene Fuh, IBM

Audience: DBA, Systems Programmer, Application Developer Level: Intermediate

The following topics will be covered in this presentation: 1) Overview of query optimization - plan enumeration and cost estimation 2) Predicate application - matching predicate, screen predicate, stage 1 predicate and stage 2 predicate 3) Statistics and access path selection

Gene Fuh is a Distinguished Engineer & Senior Development Manager, DB2 z/OS Query Technology

S20. DB2 Query Optimization - Part 2. Gene Fuh, IBM

Audience: DBA, Systems Programmer, Application Developer Level: Intermediate

The following topics will be covered in this presentation: Index design and access path selection: 1) Complex join 2) Joining large number of tables 3) Star join optimization 4) Query parallelism and zIIP off-load

S21. Eclipse for dummies. Scott Clee, IBM Hursley (UK)

Audience: CICS application developers, CICS systems programmers, Level: Beginner / intermediate

Eclipse is an open source software framework that is changing the way developers work and how new tools are being written. Break the mold that Eclipse is simply a development environment for Java and walk observe many features of Eclipse in an interactive demo showing my experiences of using the tool. See how this modern cross platform development environment is bringing a consistent "Look & Feel" to applications and application development.

Scott Clee is the CICS Test Architect based in the IBM UK Hursley laboratory. Over the last 7 years Scott has specialized in the areas of Web services and Java in CICS. As an evangelist for the sharing of knowledge, Scott has written various IBM developerWorks articles, and co-authored two CICS Red Books; "Java Application Development for CICS" and "CICS Transaction Server V3 R1 Channels and Containers Revealed".

S22. Developing and Debugging CICS Programs using Rational Developer for System z (RDz). Scott Clee, IBM Hursley (UK)

Audience: Development, Level: Basic/Intermediate

With the release of IBM Rational Developer for System z V7.1 (RDz) it is now easier than ever to integrate the development of CICS application programs with a single user interface. Whatever your language of choice (COBOL, PL/I, C, C++, Assembler or Java), RD/z allows you to code, compile and debug your programs directly from the mainframe.

This presentation focuses on the traditional CICS programming languages (COBOL, PL/I, C, C++, Assembler) and demonstrates the features integrated into RDz for software development on the mainframe. A CICS application is taking through the steps of coding, compilation and run-time debugging as part of a live rolling demo. A variety of productivity enhancement features in RDz are demonstrated along the way. The presentation material provides a documented reference for the configuration steps required (both in RDz and the mainframe) to set up each stage of the application development process.

S23. Rational Developer for z. CICS Service flow feature. Development tools on z. Scott Clee, IBM Hursley (UK)

Audience: CICS application developers, CICS systems programmers, Level: Beginner / intermediate

Built on Eclipse technology, Rational Developer for System z V7.1 (RDz) makes it easier than ever to integrate the development of CICS application programs with a single user interface. Whatever your language of choice (COBOL, PL/I, C, C++, Assembler or Java) RDz allows you to code, compile and debug your programs directly from the mainframe. Discover how the CICS Service Flow Feature builds on RDz to enable composition of CICS application interactions as reusable business services. Then tie all this together with the built in Web Services support in RDz that compliments and extends the Web services capabilities offered in CICS TS 3.2.

S24. Document handling: Programming MO:DCA to create an AFP document database. Morten Bøgh, CSC (DK)

Audience: Developers, Level: Intermediate/advanced

The problem: Redesigning a very large and very legacy COBOL /AFP printing system to create new combined documents using dynamic page breaks etc. Putting 15 million documents on DB2. Getting out of IBM 'Printing OnDemand' concept. Showing new documents as PDF on web within 0,5 seconds from data capture.

The solution was build around IBM's MO:DCA language as the common denominator.

The presentation will be: Introduction to MO:DCA and AFP, introduction of the utilities needed to handle MO:DCA, a few words on the conversion of MO:DCA to PDF using mainframe UNIX, plus a few critical remarks about IBM OnDemand. DB2 will be covered quickly: no problems. IBM AFP-XML is mentioned, it was considered as the core technique, but was only used for a small part of the solution.

The level of the presentation will be intermediate. Implementing the presented technique is hard-core.

Morten Bøgh is mainframe architect at CSC for the danish 'IRS', the personal taxing system.

CICS

S25. CICS TS V3.2 Architectural enhancements. Phil Wakelin, IBM Hursley (UK)

Audience: CICS systems programmers, IT architects, Level: Intermediate

In this session we will take a look at the rich set of enhancements provided by CICS TS V3.2 and then review the additional function being provided as post GA items in 2008. This talk will encompass a wide variety of technical subjects including CICS Web services, capacity constraint relief (such as larger ESDS data sets, MRO/XCF group management), CICS threadsafety, CICS file control, CICS Java support and the Service Flow Feature.

Phil Wakelin is a member of the CICS Strategy and Planning team in IBM Hursley, and is responsible for the future development plans of CICS connector technology and the architecture

of the CICS Transaction Gateway. He joined IBM in 1990 and originally worked in the System Test department of IBM Hursley, where he worked on most platforms and versions of CICS before joining the Installation Support Centre, as a pre-sales support specialist for CICS client-server. He then worked at the IBM International Technical Support Centre, in IBM San Jose, where he was responsible for the development and publishing of 11 CICS related IBM Redbooks. He is an IBM Certified Solutions Expert, CICS Web Enablement, and a Senior IT Specialist.

S26. CICS IP Interconnectivity. Phil Wakelin, IBM Hursley (UK)

Audience: CICS systems programmers, Network system administrators, Level: Intermediate/Advanced

As part of a multi-release initiative, CICS TS V3.2 has introduced a new TCP/IP-based intercommunication protocol as an alternative to that provided via ISC or MRO. This allows Distributed Program Link (DPL) requests to be routed between CICS TS V3.2 regions over a TCP/IP network, and also provides for Java requests via the CICS Transaction Gateway to invoke CICS programs using the Channels and Containers programming model and the ECI interface. This session will provide in-depth guidance on how to configure both your CICS and CICS Transaction Gateway systems to fully exploit the new IP interconnectivity (IPIC) support, and provides details on how the qualities of security, transactionality and connection management are best managed in both CICS TS V3.2 and the CICS Transaction Gateway.

S27. CICS Web Services for Performance and Security. Darren Beard, IBM Hursley (UK)

Audience: CICS Systems Programmers, Level: Intermediate

This session looks at support for various sorts of security with web services. In particular, the requirement for and support of WS-Security in CICS TS V3.1 and CICS TS V3.2 is explained. The session also looks at the support for WS-Trust which was added in CICS TS V3.2. When higher levels of security are required for a web service, there is an inevitable performance cost. This session looks at some performance figures and compares CICS TS V3.1 and CICS TS V3.2 for various security options.

Darren Beard is a member of the CICS Development team, based at the IBM Hursley Laboratory in the UK. He has 18 years experience in development and has worked on many parts of the product from terminal control to web services. Darren has written several technical articles on CICS. He has presented at the US and European Technical Conferences and at GUIDE.

S28. CICS Pipeline XML Definitions and Internals. Darren Beard, IBM Hursley (UK)

Audience: CICS Systems Programmers, Level: Advanced

This presentation discusses the configuration of pipelines in CICS TS as used for web services. The basic configuration supplied with CICS is explained and then the possibilities for end user configuration are considered. The differences between message handlers and SOAP header handlers is explained with the potential benefits of using one as opposed to the other considered.

S29. CICS performance benchmarking and threadsafety considerations. Andy Wright, IBM Hursley (UK)

Audience: CICS application developers, CICS systems programmers, system administrators, Level: Intermediate

This session discusses performance considerations for various flavours of VSAM within CICS. Comparion of Non Shared Resources (NSR) and Local Shared Resources (LSR) and which method is best for your workload will be reviewed. Benchmark figures for workload comparisons are discussed, as are performance comparisons of Record Level Sharing (RLS) and function shipped requests to local VSAM in FORs. The recent threadsafe enhancements to CICS Transaction Server for z/OS V3.2 are also reviewed from the perspective of CICS File Control and WebSphere MQ workloads.

Andy Wright is a Senior Software Engineer in the CICS Change Team, based at the IBM Hursley Lab in the UK. He has 20 years experience working with and supporting CICS, its associated tools and utilities, from CICS/OS 1.6 through to CICS TS 3.2. Andy works closely with the various IBM locations such as Raleigh and Poughkeepsie in the US. He has participated in a number of ITSO residencies to help develop IBM Redbooks and education classes. Andy has written something like 70 articles sharing his knowledge and information about IBM's software, and presented at the US and European Technical Conferences, and at Nordic GUIDE and SHARE.

S30. CICS trace analysis / CICS System Management update. Andy Wright, IBM Hursley (UK)

Audience: CICS application developers, CICS systems programmers, system administrators, Level: Beginner / intermediate

The CICS trace facility is one of the most useful debugging tools for CICS application and system programmers. This session takes a variety of problem situations and shows how to apply trace analysis techniques to resolve them. It covers traditional areas of interest such as abends, loops and storage problems, together with reviewing newer OTE, Web and Web Service activity from the trace perspective. In addition, this session also discusses the facilities and benefits of CICSPlex Systems Manager, such as its API, Web Interface and various capabilities.

S31.* The Evolution of CICS - Leading the path to SOA. Nick Garrod, IBM Hursley (UK)

Audience: Application Development, Operations, Architects, Level: Basic

This session follows the birth of CICS and its path to becoming the most successful Transaction Server in computing. It details the history of CICS and how it's continually pushed the fold of technology, leading to it supporting SOA and Web Services technology. CICS has been a market leader for nearly 40 years and is 4 letters Top Businesses swear by.

Nick Garrod works in the CICS Marketing group in the CICS Development Lab. located in Hursley. He is responsible for marketing materials associated with CICS as well as speaking and arranging speakers at events all over the world. He has contributed to Redbooks, White Papers and articles about CICS Transaction Server as well as having a Business background in CICS.

S32. CICS Transaction Gateway monitoring. Phil Wakelin, IBM Hursley (UK)

Audience: CICS systems programmers, IT architects, Level: Intermediate

How can you manage your CICS Transaction Gateway systems so as to meet the growing availability and performance requirements of your business? - The latest release of the CICS TG - V7.1 provides a wealth of new systems monitoring functionality and together with the new IBM Tivoli® OMEGAMON® XE for CICS TG product provides you with a comprehensive set of capacity planning and problem determination capabilities including throughput and performance analysis, historical data analysis, and a request monitoring infrastructure for advanced problem determination.

S33. CICS monitoring and statistics - what's new in CICS TS V3? Andy Wright, IBM Hursley (UK)

Audience: CICS application developers, CICS systems programmers, Level: Beginner / intermediate

Attend this session to hear about the latest enhancements to CICS Monitoring and Statistics in support of the new functions in CICS Transaction Server for z/OS V3.2. Topics such as the monitoring and statistics data for the CICS Web Services support, IP Connectivity, WebSphere MQ, and the Open Transaction Environment (OTE) will be covered as well as the latest updates to the utility and sample programs including the ever popular statistics sample program DFH0STAT.

S34. Debugging Java programs in CICS. CICS and z - a robust platform for Java. Scott Clee, IBM Hursley (UK)

Audience: CICS application developers, CICS systems programmers, system administrators, Level: Beginner / intermediate

With the growing uptake of Java in CICS there's never been a better time to take advantage of the technology. Learn about the latest and greatest Java features incorporated in CICS TS 3.2, including usability enhancements to help provide a smoother Java experience in CICS. Discover how to configure CICS Java support and debug your live Java programs running in CICS TS, using the latest Eclipse based tooling.

DB2

S36. What's new in DB2 - V9 issues. John Campbell, IBM Silicon Valley Lab (US)

Audience: DB2, DBA, Developer, Architect Level:Intermediate.

This presentation will cover deprecated/removed function. new post GA function to be delivered, planned stability, planning for rebind and access path change, VSCR, CPU improvement/regression, LRSN spin, improvements to COPY and RECOVER, object level recovery from system level backup, reordered row format

John Campbell is an IBM Distinguished Engineer reporting to the Director for z/OS Development at the IBM Silicon Valley Lab and he is one of the senior technical leaders within DB2 for z/OS Development. He has extensive experience of DB2 in terms of systems, database and applications design. He specialises in design for high performance and data sharing. He is one of IBM's foremost authorities for implementing high end database / transaction processing applications.

S37. DB2 Utility Considerations. Peter Plevka, BMC Software

Audience: DB2 DBA, DB2 Systems Programmers, Level: Intermediate

With the number and size of database objects constantly growing, and requirements on availability getting tougher every month, reorgs of tables and indexes need to be planned well. In this presentation I will focus mainly on automation considerations and different availability options. I will also cover online reorganization and reorg avoidance. And yes, you still need to reorg in DB2 V8 and 9. This session will cover generic, vendor independent topics, valid and useful for every DB2 administrator.

Peter Plevka, Business Solutions Manager, BMC Software Austria started his IT career in 1987 at a large Austrian insurance company as an MVS Operator and later as a DB2 systems programmer and Database Administrator. In 1994 he joined Platinum technology as a technical consultant for their DB2 solutions. Later with CA his role expanded being the european technology leader for CA's database management solutions for DB2, IMS and ORACLE. With BMC since 2003 he assumed a very similar position in the EMEA Mainframe market as a business solutions manager for Data Management (DB2/IMS) and he I am involved in customer support, product training and sales enablement, as well as presenting at local and international user groups.

S38. DB2 Real Time Statistics. Peter Steen Nielsen, Danske Bank (DK)

Audience: DB2, DBA, Level: Intermediate

After migration into DB2 v8 was completed in june 2006, Danske Bank has in cooperation with IBM exploited the information given in the RTS tables. This presentation will give you an overview of the conversion made by the technical DBA and operations group by converting an old reorg system into a new system based on RTS. The presentation will also give you information on how the RTS tables, have been used to predict which tablespaces needed alteration DB2 production environment, in order to be able to scale data from a huge conversion project. Method of how prediciton of batch operationial areas where tuning or alterations were needed will also be given.

Introduced to DB2 in 1988 Peter Steen Nielsen has since been working in various areas of development, and for the past more than 10 years as DBA. At present he is the Department Manager of the Danske Bank DBA development team in Copenhagen and Aarhus.

S39. DB2 for z/OS Utilities Update. Haakon Roberts, IBM

Audience: DB2, Level: Intermediate

This talk will focus largely upon the significant enhancements provided by DB2 utilities in DB2 9 for z/OS. In addition, we will cover some recent changes that are provided in the maintenance stream on both V8 and V9, and that are therefore of immediate importance to anyone running either version. Finally, we will take a quick look at where we may be heading in future. This talk is for anyone wishing to fully exploit utilities' capabilities today and who wishes to plan for what's coming next.

Haakon Roberts has over 20 years' experience working with DB2 on the mainframe platform, spanning various aspects of systems programming, database administration and software support. Since 1999 he has worked directly for DB2 development and is a Senior Technical Staff Member at the Silicon Valley Laboratory in San Jose, California. He is currently the technical lead for DB2 Utilities and is also focused on availability, service and serviceability issues.

S40. Java Open Source Progress. Curt Cotner, IBM

Audience: DBA, Aplication Developers, Architect Level: Intermediate

This presentation will describe IBM's new pureQuery technology, which provides a much more manageable infrastructure of Java applications that access databases. pureQuery has new Java API capabilities that make accessing the database much more flexible and powerful. Applications that exploit pureQuery are automatically enabled for superior problem determination, performance monitoring, and problem determination assistance for the IT staff. The presentation will also reveiw recent contributions from IBM to the open source (iBatis, Spring, OpenJPA) that allows IBM's JDBC and pureQuery solutions to run in the popular open source frameworks.

IBM Fellow Vice President & Chief Technology Officer for Database Servers Curt Cotner is an IBM Fellow, and a member of the IBM Academy of Technology. Curt is the chief technology officer for the DB2 family and Informix IDS database servers, and has both management and technology oversight responsibility for all the client software offerings used with DB2 and IDS. This includes the client runtime APIs (JDBC, .NET, CLI, pureQuery, etc.) and the application development and administration tools offerings (IBM Data Studio). Prior to taking his current assignment, Curt was the chief architect for the DB2 for z/OS development team.

S41. SQL Tuning with DB2 Optimization Expert and Optimization Service Center. Gene Fuh, IBM

Audience: DBA, Systems Programmers, Application developers, Level: Intermediate

The following topics will be covered in this presentation: 1) OE and OSC offering 2) Application tuning with OE/OSC a) Obtaining application profile b) Statistics Advisor c) Index Advisor d) Query Advisor e) Exception monitoring 3) Single query tuning with OE/OSC a) Identifying Problem Queries b) Query Annotation c) Query Report d) Visual Explain e) Visual Plan Hint

Gene Fuh is a Distinguished Engineer & Senior Development Manager, DB2 z/OS Query Technology

S42. DB2 Memory usage. John Campbell, IBM

Audience: DB2 Systems programmers, DBA Level: Advanced.

This presentation will cover V8 DBM1 VSCR, V8 EDM storage, estimation of V8 VSCR, 64-bit bufferpool, bufferpool long term page fix, batch of GBP reads and writes, virtual storage tuning, DBM1 VSCR in V9, V9 EDM storage, automatic bufferpool management, prefetch and deferred write quantity, dynamic prefetch and preformat, workfile bufferpools

S43. XML in DB2. Kirsten Larsen, IBM (DK)

Audience: DB2, Application developer, Level: Intermediate

The widespread use of XML in web applications is extending into the database layer, not least because of legislation demanding the use of XML formats. While the technology is well-known in other areas, it is new to the mainframe and this poses a challenge to mainframe developers and DBA's. It is time to start exploring the possibilities already available. This session gives a brief introduction to what XML data is, and then demonstrates through an example application why it has a natural place inside the

database and how this is done with pureXML in DB2 9. The application has been made as simple as possible while realistically showing the framework and concepts of XML integration in DB2. It builds on Java Servlets accessing DB2 on z/OS through JDBC using SQL/XML and XPath, and data validation through XML Schema.

Kirsten Ann Larsen is a Senior IT Specialist with IBM Denmark. She has worked with DB2 for more than 10 years and participated in several studies exploring new features in DB2. She co-authored the redbook 'Securing DB2 and Implementing MLS on z/OS'.

S44. V8/V9 Challenges and solutions. Susan Lawson, YLA (US)

Audience: Developer Level: Intermediate

In this seminar we will look at some of the nice performance features of V8 SQL and how they have been useful in our applications. We will discuss some of the things we still desire in terms of application and SQL performance and take a look to V9 to see what new SQL features we can take advantage of.

Susan Lawson is an internationally recognized consultant and lecturer with a background in system and database administration. She currently works with several large clients to help development, implement and tune some of the world's largest and most complex DB2 databases and applications. She also performs Performance and Availability Audits for many clients to help reduce costs through proper performance tuning and to help ensure availability. Her other activities have included authoring articles, presenting at user group meetings, and authoring white papers. She is an IBM GOLD Consultant for DB2 and z/Series, and has authored the IBM 'DB2 for z/OS V8 DBA Certification Guide' and the IBM 'DB2 for z/OS V7 Application Programming Certification Guide'. She is also the co-author of several DB2 books including the IBM 'DB2 9 for z/OS DBA Certification Guide', 'DB2 High Performance Design and Tuning' and 'DB2 Answers'

S45. Desparate Table Design. Susan Lawson, YLA

Audience: DBA Level: Intermediate

This presentation covers new, bold, creative solutions to achieve high availability and high performance. New challenges mean thinking outside the old rules. We also look at how to synergize creative table designs with applications to achieve our goals. * Discuss some new innovative ways to create tables * Discuss new challenges and opportunities for index design * Discuss how to integrate designs with applications for best performance and availability ? Discuss how to use new features of DB2 to solve problems ? Discuss ways to think differently about designs and see examples from real implementations 1. Current challenges faced by our clients 2. Creating new innovative solutions 3. Solving todays performance and availability problems with new designs

S46. IBM Data Studio. Curt Cotner, IBM Fellow (US)

Audience: DB2, Application Developer, Architect Level: Intermediate

IBM Data Studio is a new integrated solution that helps IT organizations manage the life cycle of both the database and the applications that depend upon the database. This presentation will describe the capabilities of IBM Data Studio and the expected rollout of functionality over time. This will include database modelling/design, application development, database administration, performance monitoring, problem determination, and data governance.

S82 & S83. How To Tune DB2 System Performance Using DB2 Statistics Trace. John Campbell, IBM (UK)

Audience: DB2 System Programmers, DBA Level: Advanced

This presentation introduces and discusses DB2 for z/OS V8 system performance monitoring and tuning issues and recommendations. It will focus on key areas of bufferpool, group bufferpool, lock/latch contention, system address space CPU and EDM Pool Tuning. It will identify the key performance indicators to be monitored, provide rules-of-thumb to be applied and provide tuning advice for common problems.

IMS

S47. IMS Trends and directions. Alan Cooper, IBM (UK)

S48. IMS V10 Overview. Alison Coughtrie, IBM (UK)

Audience: IMS, Level: Basic

IMS 10 became generally available in October 2007. This session provides an overview of all of the major enhancements including the much awaited capability to dynamically define resources, XQuery support, Asynchronous Callout to external applications, numerous operational enhancements, MSC performance and capacity improvements and many more, based on the speaker's experience with IMS 10 during the Quality Partnership Program (QPP).

Alison Coughtrie, Certified IT Specialist, from IBM Software Group BetaWorks, Hursley, UK, is responsible for the IMS Quality Partnership Programs (QPPs) for Europe, the Middle East and Africa. During the QPP a small set of Customers implement future releases of IMS to validate the quality of the code prior to it being made generally available to the broader community. Alison has specialised in IMS over the past 20 years both as an IMS customer as well as within IBM.

S49. IMS V10 DRD. Andrew Wilkinson, IBM (UK)

Audience: IMS System Administrator / IMS System Programmer, Level: Intermediate

Dynamic Resource Definition (DRD) is a major feature of IMS 10 which will increase the productivity and responsiveness of IMS system administrators. This session covers the implementation and use of DRD. It is aimed at those already familiar with IMS.

Andrew has held a number of roles in IBM since joining fresh-faced from university in 1981. He began as a PL/1 programmer writing IMS DB/DC business applications. He then spent 9 years as an IMS Systems Programmer working with both the TM and DB sides of IMS. Since 2002 Andrew had been in the IBM Software Group, helping IBM's customers get the most out of IMS and IMS's IMS tools.

S50. Installing and managing IMS SOAP Gateway. Alison Coughtrie, IBM (UK)

Audience: IMS, Level: Basic

Learn how to use your existing investments as Web services to enhance your SOA strategy, integrate application use across the enterprise and with business partners, and reduce your total cost of ownership. We'll show you how using the Simple Object Access Protocol (SOAP) as part of the IMS SOAP Gateway, a lightweight, XML-based solution, enables you to leverage your IMS assets and integrate with other applications, independent of platform and programming language. You'll learn how to use IMS SOAP Gateway to expose your IMS applications as Web services and interoperate with any client in the network such as Microsoft® .NET applications.

S51. IMS V10 Transaction management and connectivity enhancements. Alan Cooper, IBM (UK)

S52. * IMS for New users. Andrew Wilkinson, IBM (UK)

Audience: Architect, Developer, System Administrator/System Programmer, Level: Basic

IMS is a transaction and database manager for z/OS. IMS was first released in 1968 and has continued to evolve ever since. This session is an overview of IMS for people who are familiar with computing, but not necessarily z/OS.

This session will provide an awareness of IMS and what it does.

S53. IMS Connectivity and Architectures with Demo Part 1. Denis Gäbler, IBM (DE)

This session gives a short overview about IMS Connectivity and architectural solutions like SOAP Gateway usage, creating Java Beans for accessing IMS transactions using Rational Developer for System z. It also covers brief information about todays application development possibilities in the IMS Java area and a short customer study on how to integrate a Java application into IMS that was bought originally for distributed processing.

Denis Gäbler is IT Specialist at IBM Germany. He joined IBM in 1994 and started working with IMS in 1997. His areas of expertise are IMS Connectivity, IMS Integration and Architectures around IMS. He has been working extensivly with customers for web enabling IMS applications, Java plus Java COBOL Interoperability and IMS Tools.

S54. IMS Connectivity and Architectures with Demo Part 2. Denis Gäbler, IBM (DE)

This session gives a short overview about IMS Connectivity and architectural solutions like SOAP Gateway usage, creating Java Beans for accessing IMS transactions using Rational Developer for System z. It also covers brief information about todays application development possibilities in the IMS Java area and a short customer study on how to integrate a Java application into IMS that was bought originally for distributed processing.

S55. IMS SMU to RACF. Alan Cooper, IBM (UK)

S56. IMS V10 System Operations Management Enhancements. Alison Coughtrie, IBM (UK).

Audience: IMS, Level: Basic

This session concentrates on the enhancements in IMS 10 which make system management even easier, building on the Common Service Layer architecture. The Batch SPOC capability, REXX XML Parser, Audit Trail capability for the Operations Manager and unsolicited message support will all be covered giving examples of their usage.

S57. CSL Automation and PDSE in Production. Anders Öhrnberg, Volvo IT (SE)

Audience: Application, IMS, Level: Intermediate

This session will show how to automate using CSL, things to think of when implementing PDSE in production and finally how to print PDFs from IMS at Volvo IT.

Anders Öhrnberg has 21 years of IMS experience as a systems programmer. For the last 17 years he has worked with IMS for Volvo.

Infrastructure

S58. Architecting solutions for performance on WMQ. Mark Taylor, IBM (UK)

Audience: Architects, developers, Level: Intermediate

Architecting Solutions for Performance on Distributed WebSphere MQ There are a number of issues that affect the way that a Queue Manager performs, both at the application programming level and the systems level.

This session looks at how to get the best out of WebSphere MQ for various different applications scenarios and how to get the best out of the distributed message/queuing component.

Mark has worked for IBM at the Hursley laboratory in England for over 20 years, and has worked in a variety of development and services roles. He wrote code for the early versions of MQSeries, porting it to numerous Unix operating systems. He now works in the Technical Strategy department where he is responsible for defining the functions included in new releases of WebSphere MQ.

S59. Hardening WMQ security. by Morag Hughson, IBM (UK)

Audience: Systems programmer, Architect, Level: Intermediate

Is your WebSphere MQ network secure? Are you sure? Most WebSphere MQ implementations are vulnerable in some way, including a surprisingly large percentage that unknowingly allows anonymous administrative access. This presentation goes beyond the basics to show how the various WebSphere MQ security components interact, as well as critical configurations that are commonly overlooked. Topics include hardening against anonymous administrative authority and user impersonation. You will leave with the skills to conduct a thorough security assessment and make any necessary remediation.

Morag has worked in IBM for over 10 years developing and servicing the MQSeries and WebSphere MQ products on OS/390 and z/OS. Her main areas of expertise are in the channels and communications area, with recently her work on Secure Sockets Layer in the MQ channels allowing her to branch out into a new area - Security. She regularly presents on these topics at a variety of technical conferences around the world. She is now the architect for the base MQ product with responsibility across both z/OS and distributed platforms.

S60. * Introduction to WMQ. Mark Taylor, IBM (UK)

Audience: Developers, systems programmers, students, Level: Basic

This session is designed to introduce WebSphere MQ to the attendees. It provides an introduction for the attendee who has no prior knowledge of WebSphere MQ. Businesses today are entering a new era where information exchange between workgroups, business partners and the global enterprise is critical to business success. This places new and exacting demands on the underlying communication systems: the technology infrastructure is a mission critical business service. Increasingly businesses are looking at messaging based technologies to support their communication requirements. WebSphere MQ is a reliable, industrial strength messaging infrastructure which is implemented across major IBM and non-IBM platforms. WebSphere MQ provides an open and customizable framework that supports a choice of messaging components based on industry standards, and a wide range of business solutions. This session will set a foundation for the other sessions on WebSphere MQ by discussing components and architectures at a high-level.

S61. WMQ publish_subscribe. Morag Hughson, IBM (UK)

Audience: Developers, systems programmer, Level: Intermediate

Publish/Subscribe is a term used to define an application model in which the provider of some information is decoupled from the consumers of that information. Come to this session to learn how to use this application model in WebSphere MQ.

S62. Tailoring WMQ with exits. Morag Hughson, IBM (UK)

Audience: Developers, systems programmers, Level: Advanced

This presentation describes the facilities of WebSphere MQ which can be tailored by the use of exits. These include security, data encryption, compression and data conversion. The interfaces are described and demonstrated, and some potential applications discussed. This presentation assumes a basic knowledge of the concepts of messaging and queuing and of IBM's WebSphere MQ products. It is aimed at designers and developers evaluating the use of the exits available within WebSphere MQ products. Of necessity this is a technical presentation and includes details of some programming interfaces.

S63. Introduction to WebSphere Message Broker. Jonathan Woodford, IBM (UK)

Level: Basic

For both new and experienced users of application messaging and IBM WebSphere® MQ (WMQ) transports, this session demonstrates how to connect all enterprise applications together in innovative ways that provide enhanced, dynamic functions. The session will

illustrate how the powerful WebSphere MQ Event Broker and Message Broker components provide a flexible, transport-independent messaging backbone. By extending message distribution capabilities, message brokers allow for more complex integration, including message transformation using ESQL, Java, graphical mapping and XSLT, and message enrichment using external data sources such as relational databases.

Jonathan Woodford works at IBM WebSphere Message Broker Development.

S64. IBM WebSphere Message Broker: Using Web services effectively. Jonathan Woodford, IBM (UK)

Level: Intermediate

This session demonstrates how to use WebSphere Message Broker 6.1 (WMB) effectively in Web service scenarios. It provides a very brief overview of Web services and related technologies, such as Simple Object Access Protocol (SOAP), Web Services Description Language (WSDL) and Web Services Addressing (WSA). The session then examines in detail the new WMB v6.1 WSDL-driven SOAP Nodes and SOAP parser that turn it into a powerful Web services consumer, provider and intermediary. It also examines how the new nodes support WS-Addressing and WS-Security.

S65. CICS SOA and WebSphere Service Registry and Repository. Darren Beard, IBM Hursley (UK)

Audience: CICS and WebSphere Systems Programmers, Level: Intermediate

This session introduces the concepts and value of WebSphere® Service Registry and Repository (WSRR) for managing CICS® Web service definitions. The session begins with a brief overview of the goals of SOA and why SOA governance is vital in a successful Service Oriented Architecture. We will then look at how WSRR enables SOA governance and how it can be used to manage the service descriptions of CICS Web services. We will also look at how the recent CICS SupportPac CA1N can be used to publish WSDL that represents CICS Web service providers, extract WSDL that can be used by CICS Web service requesters and how meta-data can be associated with the WSDL documents to aid in classifying and searching for services.

S66. What's New in WebSphere MQ. Mark Taylor, IBM (UK)

Level: Basic

Whether you are experienced in MQ or have just seen the Introduction to WebSphere MQ presentation, this session gives the most recent news about WebSphere MQ. Come here for an overview of all the latest features.

WebSphere

S69. Enterprise Modernization: The Transformation of Application Development for All Platforms. Hayden Lindsey, Vice President, Enterprise Tools & Compilers, IBM

Audience: Developers, Level: Intermediate

The Transformation of Application Development for All Platforms This session discusses how the IBM Software Delivery Platform (SDP) extends modern application lifecycle management to the System z and System i. By using the SDP, customers can discover and extract value from existing business logic, service-enable existing applications for wider use, exploit new technologies (e.g. SOA, J2EE) without retraining staff, improve productivity and flexibility by using a single infrastructure for enterprise and distributed development, address IT governance and compliance concerns, and reduce time to value of applications without regard to underlying language (supports Java, COBOL, PL/I, EGL) or deployment platform (WAS, CICS, IMS). The presentation will illustrate SDP solutions that enable customers to address their tactical and strategic needs today

Hayden Lindsey is Vice President of Enterprise Tools & Compilers, and an IBM Distinguished Engineer in the Rational Division. He is based in Research Triangle Park, North Carolina, USA. In his current role, he is responsible for System z and i tools development, marketing, sales enablement and services within Rational, but working closely with other teams in SWG. Hayden has worked at IBM for 22 years and has held a variety of positions, including software developer, product architect, product manager of VisualAge Generator, manager of Web Content Management and Personalization, co-leader of the Eclipse tools platform and director of the WebSphere Studio / Rational modeling and construction tools. Technically, Hayden was an early adopter of object technology and Smalltalk, applying it in the areas of application generation, debugging, RAD IDEs, and performance. He has contributed 14 patents to IBM's portfolio. Hayden is a 1985 graduate of the University of North Carolina at Chapel Hill, where he earned a BS in Mathematical Sciences.

S70. * Project Zero: Building Modern Web Applications with Zero pain. Jason McGee, Distinguished Engineer and Chief Architect, IBM

Audience: Developers, architects, students, Level: Basic

S71. WebSphere Service Registry & Repository (WSRR): Intro & Update. Eric Herness, Distinguished Engineer and Chief Architect, IBM

Audience: Architects, Infrastructure, Level: Basic

S72. * Introduction and Update to the WebSphere Enterprise Service Bus (ESB). Joerg Wende, IBM (DE)

Audience: Architects, students, Level: Basic

This session provides a detailed technical description of WebSphere® Enterprise Service Bus (WESB) Version 6.0.2, focusing on the new features added in this latest release, particularly as they relate to performance.

Joerg Wende, IBM Germany, is a Certified Consulting IT Specialist in Germany working for the IBM Software Group. He has 13 years of experience in the IT field. Before joining the Software Group, Joerg worked as an IBM systems engineer and consultant for iSeries™ and AS/400®. He graduated with an engineering degree in Theoretical Electrical Engineering from the Technische Hochschule Ilmenau. His areas of expertise include messaging and business integration, designing and building applications based on WebSphere MQ, WebSphere Business Integration Message Broker, Websphere Interchange Server and WebSphere MQ Workflow. He is now part of the Pan-EMEA technical presales team for Websphere Business integration.

S73. WebSphere Process Server (WPS) and IBM Enterprise Service Bus (ESB) Technical Positioning. Eric Herness, Distinguished Engineer and Chief Architect, IBM

Audience: Architects, Level: Intermediate

S74. WebSphere XD: What Does It Do & Why Do You Need It? Jason McGee, Distinguished Engineer and Chief Architect, IBM

Audience: Architects, developers, Level: Intermediate

S75. WebSphere Application Server EJB 3.0 Feature Pack. Randy Schnier, IBM

Audience: Architects, Developers, Level: Intermediate

Randy Schnier, Architect, WAS - EJB and Java EE Runtimes (IBM)

S76. JMS Technologies in the WebSphere Application Server Environment. Joerg Wende, IBM (DE)

Audience: Architects, developers, Level: Intermediate

This session will help you get a deeper understanding of working with SIBus, including SIBus comparison with MQ, MQ Link High Availability, SIBus Link Considerations, Connecting to the bus, SIBus Topologies, and SIBus Features in WAS 6.1.

S77. Customer Case Study: Implementing a federated ESB with SAP XI and IBM WebSphere Message Broker. Joerg Wende, IBM (DE)

Audience: Architects, Infrastructure, Level: Intermediate

Many enterprises can't avoid having multiple ESB technologies within their infrastructure. This presentation summarizes project experiences of the integration of IBM's WebSphere Message Broker with SAP's XI infrastructure.

S78. Power up your Web Services, Introduction to the world of DataPower. Ulrik Andersen IBM (DK)

Audience: Architects, Infrastructure, Students, Level: Basic

S79. Connecting WebSphere Enterprise Service Bus (WESB) with WebSphere MQ. Joerg Wende, IBM (DE)

Audience: Architects, Infrastructure, Level: Intermediate

WebSphere ESB 6.1 provides support for its internal JMS implementation and for external JMS servers including WebSphere MQ. This presentation will provide details about the external JMS support and its configuration.

GSE Information

GSE, G.U.I.D.E. SHARE Europe, is a non-profit association of companies, organisations, and individuals being focused on IBM products and services. GSE is an independent, volunteer-led organisation.

GSE provides members with

- Guidance: the ability to share knowledge between members, and between vendors and members to assist in the implementation and operation of Information Technology (IT) solutions.

- Influence: the ability to influence the suppliers of products, solutions, and services being offered to our members and to ensure that vendors and other IT related bodies act in the best interests of our members.

- Vision: the ability to help our members understand and contribute to the way the IT industry develops.

- Education: the ability for our members to access high quality technical and management information from a variety of sources including IT vendors, other members, and educational bodies.

Policy

The use of GSE facilities for recruiting or solicitation of business is prohibited. This specifically applies to the use of the member list, GSE publications, presentations at sessions, handouts or the posting of notices.

Badges

Name badges will be issued to all delegates. It is mandatory to wear them to have access to any conference event.

Badges will be marked with main interest area, i.e. CICS, DB2, IMS, Infrastructure, WebSphere, or Development, but all delegates can participate in any session they wish.

Some badges will have symbols that indicate the following:

Red bullet: Steering Committee
Yellow bullet: Speaker
Green bullet: Daytime Only
Orange Bullet: Spouse
Gold star: First time Delegate

Elsinore

Elsinore is situated 45 km north of Copenhagen. It is separated from the Danish capital by a long stretch of coastline known as the Danish Riviera. The town is a busy tourist and commercial centre as well as a thriving port with a fleet of ferries linking it to Helsingborg in Sweden across a 4 km wide strait.

H. C. Andersen once lived in Elsinore and described it as 'one of the prettiest spots in Denmark, where the Sound (Øresund) only is one mile across and still seems like a swelling river between Denmark and Sweden'.

The City of Helsingor's history can be traced back to 70 AD. In about the 12th century, the first settlers arrived at the narrowest point of the Sound. Prior to the Middle Ages it was a marketplace where people sold goods.

It started blossoming when Erik of Pomerania, king of the Union between Norway, Sweden and Denmark, introduced the Sound Tax in 1427 and built a castle to make every passing vessel pay. This castle was later rebuilt as Kronborg. The town prospered rapidly, attracting many foreign merchants and threatening to supersede Copenhagen as Denmark's largest city. This prosperity lasted for over 400 years until the Sound Toll was abolished in 1857.

Some of the visitors of Elsinore were English theatre troupes that brought the name back to William Shakespeare, who set the stage for Hamlet there. (If there ever was a prince called Hamlet, he probably lived in Jutland in the early Viking age).

Elsinore is also connected to another mythological hero, Holger Danske, who was one of the Knights at the court of Charlemagne in the 8th century, known as Ogier le Danois. The legend has it that he never lost a battle in his life. When he returned to Denmark, he sat down in the catacombs of Kronborg and fell asleep. The legend says that as soon as the country needs him, he will wake up to defend it.

Hotel Marienlyst

Hotel Marienlyst is situated at the coast North of Elsinore, with its own beach park, the Swedish coast just opposite, and neighbouring to Kronborg Castle. It has 222 rooms, suites and apartments, two restaurants, two bars, a spa, a pool, and a casino (remember photo legitimation, even if you just wants have a look inside). Not to mention a large conference centre.

It was originally built as a hotel in 1859. At that time it was famous all over Europe and visited by kings and princes and other famous persons (like Sarah Bernhard). The central part of the current hotel was built as a renovation in 1902. After a period of hotel crisis in the 1980'es it is now flourishing again as a four-star, newly modernized hotel.

Street address: Hotel & Casino Marienlyst, Ndr. Strandvej 2, DK-3000 Helsingør

Phone: +45 4921 4000

Fax: +45 4921 4900

Web address: http://www.marienlyst.dk/

Conference Registration

The full Conference fee DKK 9.930,- includes roundtrip transfer airport-hotel (if you are booked on "Flight Schedules for the GSE Nordic Region Conference"), attendance at conference sessions, all breakfasts and coffee breaks, 3 lunches, 2 dinners, a special event, and 2 overnights in a singleroom.

The transportation fee includes airline tickets. For specification of the transportation from your location, please check the "Registration & Transportation Form for GSE Nordic Region Conference", which is available on-line at

http://www.gse-nordic.org/Working%20Groups/GNRC/Conferences/2008/

You only have to send one registration form, the "Registration & Transportation Form for GSE Nordic Region Conference", which includes both registration to the conference and travel reservation.

The registration form must be sent as soon as possible but no later than 28 April 2008 to Mangaard Travel Group A/S, who will send you an invoice.

Upon receipt of this registration form, Mangaard Travel Group shall issue an invoice for the TOTAL PRICE. The total payment must be done by BANK TRANSFER or by BANK CHEQUE in DANISH KRONER and FREE OF ALL BANKCHARGES before May 01, 2008 and payable to Mangaard Travel Group A/S, Valhal Vej 1, DK-8230 Åbyhøj, Denmark.

Cancellations fee until 28 April 2008 is 500 DKK. After 28 April 2008 no refund can be made.

GSE Nordic Region Conference Steering Committee

Anders Öhrnberg (IMS Chairman)
Volvo Information Technology
+46 31 322 43 02
anders.ohrnberg@volvo.com

Christian Skalberg (IBM DB2/IMS Rep.)
IBM Danmark
+45 45 23 41 86
xtian@dk.ibm.com

Eero-Pekka Kolehmainen (CICS, Req. Manager),
Tietoenator
+358 40 551 1063
eero-pekka.kolehmainen@tietoenator.com

Hans Poulsen (IMS, Treasurer)
Computer Sciences Corporation
+45 36 14 63 33
hpoulsen@csc.com

Jan Rypdal (WebSphere Infrastructure Chairman)
DnB NOR IT
+47 915 12345
Jan.Rypdal@dnbnor.no

Jens Elbæk (Mainframe Infrastructure)
IBM Danmark
+45 45 24 49 36
jee@dk.ibm.com

Jørgen Malmstrøm (Mainframe Infrastructure Chairman)
EDB Business Partner Norway
+47 995 56 420
jorgen.malmstrom@edb.com

Leif Pedersen (IBM DB2 Rep.)
IBM Danmark
+45 45 23 95 64
leif.pedersen@dk.ibm.com

Michael Erichsen (CICS Chairman)
Computer Sciences Corporation
+45 36 14 63 44
merichse@csc.com

Nick Garrod (IBM CICS Rep.)
IBM Hursley
+44 1962 816547
nick_garrod@uk.ibm.com

Paavo Tukia (DB2, Secretary)
Tietoenator
+358 40 588 4929
paavo.tukia@tietoenator.com

Rune Hellem (WebSphere Chairman)
Workplace Consulting
+47 40 62 17 35
rune@workplace.no

Svenn-Aage Sønderskov (DB2 Chairman)
JN Data
+45 63 63 66 65
sas@jndata.dk

Conference & Travel Organiser

Mangaard Travel Group A/S
Valhal Vej 1, DK-8230 Åbyhøj
Tel. +45 86 75 40 07
Fax: +45 86 75 29 88
kjeld@mangaard-travel.dk

Related World Wide Web addresses

GSE Nordic Region: http://www.gse-nordic.org
GSE: http://www.gse.org

Please be sure to circulate this invitation to others in your installation that may be interested, so they have time to make the necessary arrangements.