

**WebSphere Portal Technical Conference
Hotel Maritim
Berlin, Germany
October 6 – 8, 2008**



Conference Tracks

Conference Keynote

Deliver Exceptional User Experiences and Continuous Innovation with Enterprise Portals

Speaker: Gary Dolsen, IBM Director, WebSphere Portal Group

WebSphere Portal Administration - Technical deep dive into portal administration topics including deployment topologies, performance, security, implementation and maintenance optimizations.

WebSphere Portal Basics – Entry level technical overview of IBM WebSphere Portal and Lotus technologies, including product architecture, components, capabilities, integration and deployment approaches.

What's New in WebSphere Portal – Technical view of new features and enhancements to IBM WebSphere Portal and Lotus products.

WebSphere Portal Development – Technical deep dive into portal development topics including tools, Web 2.0 and standards support, services integration, and best practices.

New! Business Impact Summit - In the opening session and the dedicated business impact track, you'll learn how to make your portal a better business success. This track is for the non-technical portal audience whose job is to maximize the business value of their portal implementation.

Customer Case Studies and Industry Solutions - Detailed presentations of customer solutions, including Project Goals and Analysis, Industry Specific Approaches, Implementation and Governance Techniques, and Best Practices.

Birds-of-a-Feather Sessions - Birds-of-a-Feather sessions are hosted, interactive sessions bringing together communities and individuals with similar interests. These sessions are intended to complement the conference technical breakout sessions and provide an informal and open forum setting for small groups to share ideas and experiences.

New! - Technical Roundtable Discussion Sessions:

For many attendees, one of the conference highlights is the opportunity to participate in topic-based discussions with fellow attendees and customers, IBM Business partners and product team experts. To facilitate this, the conference is organizing a set of new Technical Round Table discussion sessions to be held throughout the week.

New! - Portal Technical Zone:

A new program introduced this year will be held each afternoon, providing an open forum setting to discuss technical strategy questions with IBM Portal Product and Services Architects.

Meet the Developers - Architect Panel Discussion – Panel forum format specifically tailored for this conference. A question and answer panel discussion with IBM WebSphere Portal and Lotus technology Technical Leads and Product Architects.

Track Content sessions: As of September 19, 2008

This information is subject to change. See the abstracts for these sessions below.

WebSphere Portal Administration

Includes these session titles:

- A01 IBM WebSphere Portal 6 - Operational Architectures and Procedures**
- A02 IBM Accelerators for WebSphere Portal 6.1 - Operational Model**
- A03 Lotus Web Content Management Best Practices & Troubleshooting**
- A04 Hands-On Lab: Hands on Administrating WebSphere Portal 6.1**
- A05 Migration to WebSphere® Portal v6.1 from previous releases**
- A06 Building Multilingual websites with IBM Lotus Web Content Management**
- A07 Hands On Lab: Managing Virtual Portals and Multiple Directories with WebSphere Portal 6.1 and VMM**
- A08 IBM WebSphere Portal Operations: Managing Complex Environments with Releasebuilder**
- A09 Understanding and Applying Portal Analytics with WebSphere Portal 6.1**
- A11 WebSphere Portal 6.1 - Performance Fundamentals and Best Practices**
- A12 Hands On Lab: WebSphere Portal Performance Analysis & Troubleshooting**
- A13 Virtualizing Portal**
- A15 Administration and Customization Best Practices: Applying IBM Search Technologies in IBM WebSphere Portal and Lotus Solutions**
- A16 Exploit the Portlet Runtime in WebSphere Application Server 6.1 and higher releases**
- A17 WebSphere Portal in a Software as a Service environment:**

WebSphere Portal Basics

Includes these session titles:

- B01 WebSphere Portal: The Front End of SOA**
- B02 Lotus Quickr Overview and Architecture**
- B03 Electronic Forms 101**
- B04 Hands On Lab: Lotus Workplace Web Content Management Lab A La Carte**
- B05 IBM Self-Service Accelerator Overview, Architecture and Roadmap**
- B06 Successful Implementation Patterns: Delivering integrated WebSphere Portal, Web Content Management, Portlet Factory and Dashboard Services in your Portal Solutions**
- B07 WebSphere Portal 6.1 Security Overview**

B08 Leveraging IBM Lotus Forms with WebSphere Process Server and WebSphere Portal to Enable Business Process Automation
B09 Integrating WebSphere Portal 6.1 with Microsoft Technologies
B10 Taking Portal to the Client with Lotus Expeditor
B12 Extending and Customizing IBM Lotus Quickr Services for WebSphere Portal
B13 WebSphere Portal and SAP Integration Options
B15 IBM Learning Accelerator – Overview and Strategy
B16 Using integrated content management and collaboration tools to drive your company's portal acceptance and improve the user experience

WebSphere Portal Development

Includes these session titles:

D01 Development Tools Strategy for WebSphere Portal
D02 Rapidly Construct Rich, Web 2.0 style applications for IBM WebSphere Portal using IBM WebSphere Portlet Factory 6.1
D03 Web 2.0, AJAX and REST for WebSphere Portal Version 6.1
D04 Leveraging new Portal Standards WSRP 2.0 and JSR 286 with WebSphere Portal 6.1
D05 Best Practices for Creating WebSphere Portal Portlets with WebSphere Portlet Factory,
D06 Extending WebSphere Portal Personalization
D07 How to develop widgets in Lotus Mashups: Concepts, Guidelines and Best Practises
D08 To Be Announced
D09 Portal programming model update: Running portlet frameworks on WebSphere Portal and new APIs in WebSphere Portal 6.1
D10 Rapidly Create Widgets for Use in Business Mashups on IBM Mashup Center with Lotus Widget Factory
D11 IBM Rational Application Developer for Portlets and Portal Site Development
D12 Creating custom WebSphere Portal applications that leverage data and services from IBM products and applications with WebSphere Portlet Factory
D13 Integrate SharePoint and .NET into IBM WebSphere Portal
D14 Building an SOA Business Process Portal - Integrating WebSphere Process Server with WebSphere Portal
D15 Hands-On Lab: Process Portal integration with Lotus Forms
D16 Hands On Lab: Creating Portlets with WebSphere Portlet Factory!
D17 Leveraging the power of HTML pages support and the resource addressability framework in WebSphere Portal v6.1
D18 Implementing High Performing Custom Applications for WebSphere Portal: Best Practices
D20 Hands On Lab: Using RAD to develop and publish portlets on WebSphere Portal

What's New in WebSphere Portal

Includes these session titles:

N01 What's New in WebSphere Portal V6.1
N02 Integrating Documents within WebSphere Portal
N03 Supercharge your Portal Project - IBM Accelerators 6.1 for WebSphere Portal
N04 Web 2.0, Collaboration, Portals, Mashups and Social Networking
N05 Integration of Web Resources into Lotus Notes based Composite Applications using MyWidgets
N06 What's New with WebSphere Everyplace Mobile Portal
N07 IBM Lotus Web Content Management 6.1 - What's new?
N08 Architecture Overview of IBM Mashup Center: A technical deep-dive

N09 Dashboard Accelerator: The Super Hero of Portal Tools
N10 Lotus Quickr services for Enterprise Content Management
N11 Sametime 8 - Unified Communication and Collaboration for WebSphere Portal
N12 Enterprise Deployments for Lotus Forms and the IBM Business Process Accelerator
N13 To Be Announced
N14 WebSphere Portal Version 6.1 Enable for z/OS Technical Overview
N15 Site Management: Flexible and fast staging-to-production operations in WebSphere Portal 6.1
N16 “Theme Me Up” Scotty!
N18 Making Portals More Social with Lotus Connections Version 2

Business Impact

Includes these session titles:

V01: Experiences with Web 2.0 Social Software
V02: WebSphere Portal and Lotus Mashups - How do they relate?
V03: Portal based Vision-In Approach to SOA
V04: The WebSphere Portal Advantage in a Competitive Landscape

Customer Case Studies and Industry Solutions

Includes these session titles:

S01 Leveraging WebSphere Portal and the Self-Service Accelerator to access SAP ERP system data at Sigma-Aldrich
S04 Innovation with Integration: IBM's Next Generation Intranet Portal
S05 Building a worldwide learning community with WebSphere Portal and Lotus Connections at the University of London
S06 Defra's Transformational Government Portal
S07 Delivering Flexible Business Services – the Lufthansa Portal Solution
S08 Providing a client and platform independent ‘Single Point of Entry’ across a decentralized international company: The Sapa Building system portal solution
S09 Centrelink's Digitisation Agenda: Breaking Down the Geographic Barriers
S10 Building a High Volume News Portal with Lotus Web Content Management and WebSphere Portal at Egyptian Radio and Television Union (ERTU)

Birds-of-a-Feather Sessions

Includes these session titles:

G01 Discuss your WebSphere Portal 7 priority requirements
G02 Lotus Quickr
G03 Developing Applications with WebSphere Portlet Factory
G04 Web 2.0 security in Lotus Mashups
G05 Portal migration: Past, Present, and Future; A general discussion
G06 Deepening the integration of your Portal with Collaboration Software
G07 WebSphere Portal Support and Fixpack Strategy
G08 Electronic Forms and Business Process Product Feedback

G09 Is Your Enterprise Ready for Social Software?
G10 WebSphere Portal Staging-to-production Strategies
G11 Options for Portal site creation with Lotus Web Content Management

Special Session: [Wednesday October 8, 2008](#)
Meet the Developers – Architects Panel Discussion

Abstracts

Note: This information is subject to change.

K01 Conference Keynote:

Deliver Exceptional User Experiences and Continuous Innovation with Enterprise Portals



Gary Dolsen, IBM Director, WebSphere Portal Group

Portal technology continues to progress, accelerated by both industry-driven standards and the greater marketplace. IBM WebSphere® Portal software has stayed at the forefront of this continuing wave of innovation, combining the latest user-centric functionality with reliable security and manageability features to meet the needs of businesses. The software incorporates extensive Web 2.0 capabilities, allowing companies to fuel social interaction by delivering high-performing, intuitive applications through a rich Web interface and empowering business users to develop spur-of-the-moment mashup applications that meet specific challenges to enable quick innovation and insight. WebSphere Portal V6.1 provides an exceptional user experience, with intuitive and participatory composite business applications, and built in services that enable organizations to quickly implement new business designs that are engaging, flexible, and high performance. Understand how organizations are leveraging this powerful platform to bring cohesion to the IT infrastructure and drive business innovation, whatever the company's size.

Mr. Dolsen is responsible for the WebSphere Portal strategy, product management, and overall health of the business. With over 7,000 customers and total lifetime revenue eclipsing \$1B, WebSphere Portal is the most successful portal product in history.

Mr. Dolsen has spent the last 9 years building, marketing, and applying portals and other user interaction products. In his 22 year career he has held management positions in IT, product engineering, marketing, services, and sales.

Mr. Dolsen holds a Bachelors degree in Computer Science from Michigan State University. He and his family reside in the Rocky Mountain foothills outside Boulder, Colorado.

Content Track: WebSphere Portal Administration

Session Number A01 IBM WebSphere Portal 6.1 - Operational Architectures and Procedures

Lecture – Intermediate

Walter Haenel, Architect for Portal Operation and Deployment

There are always two sides to architectures. Functional and Operational aspects need to be considered together to build successful solutions. This session describes the operation side of this equation. This session will provide you with an insight on how WebSphere Portal 6.1 and upcoming platform updates improves operation productivity and efficiency. Platform features including workflow support, use of multiple LDAPs and Portal data domains, configuration management improvements and more will be presented. You will see how multiple portal operating architectures can be improved with WebSphere Portal 6.0.x platform operational considerations presented in this session. Understand how these options and services can be applied to define the most efficient and cost effective infrastructure to operate WebSphere Portal 6.0,x and later releases to best advantage. The session includes detail on new site management techniques, use of the WAS 6.1 console for component and security configuration and performance monitoring, and an overview of features and operational enhancements under consideration in future WebSphere Portal releases.

Session Number: A02

IBM Accelerators for WebSphere Portal 6.1 - Operational Model

Lecture - Intermediate

Walter Haenel, IBM WebSphere Portal Architect, Deployment and Operations

Stefan Liesche, IBM WebSphere Portal Accelerator and Platform Chief Architect, STSM

Adding IBM accelerator components and functionality to an existing WebSphere Portal infrastructure will require specific changes in the infrastructure to support the new functions. This session will discuss the needed functional units, their interconnections and the mapping to the available hardware when deploying such a system. Minimal setups required to use the power of the accelerator(s) are shown, as well as setups required for large scale deployments. Furthermore it will discuss the requirements on hardware and software supporting scenarios where multiple IBM accelerators are combined in a single Portal installation.

Stefan Liesche is the Chief Architect for WebSphere Portal Accelerators and the WebSphere Portal Platform. Stefan is holding a M. Sc. in computer science from University of Hildesheim, Germany. In 1998 he joined IBM and gathered experiences in multiple technical roles since then. He worked as Architect for IBM Services in enterprise customer projects, at locations in Germany, where he constructed mission critical server applications. Stefan has been working with Portal Technologies for years, within services projects, as well as within IBM's Software Group product development organization. In 2007, Stefan jointly provided a lecture course on Portal technologies at the University of Jena, Germany. Stefan is an appointed Senior Technical Staff Member (STSM) of IBM and The Open Group Master Certified IT Architect working in the IBM Deutschland Research and Development Laboratory, Böblingen, Germany. You can contact Stefan at liesche@de.ibm.com.

Session Number A03:

Lotus Web Content Management Best Practices & Troubleshooting

Lecture – Intermediate

Jason Hatch, IBM Lotus Solution Architect

Rob Enright, TechWorks, IBM

This session is a compilation of tips and guidelines from IBM Services, Development, and Support personnel who have gained experience in IBM® Lotus Web Content Management™ V6 through product development, support, and customer engagements. This information is targeted at the V6.0.x and higher levels of Lotus Web Content Management however many of the concepts are applicable

to previous version releases. In this session we'll cover in detail topics such as content creation, performance tuning, deployment, administration, caching and custom authoring interfaces, and more. A general understanding of Web Content Management fundamentals is useful background to the information delivered in this session.

Session Number A04

Hands-On Lab: Hands on Administrating WebSphere Portal 6.1

Lab - Intermediate

Thomas Hurek, WebSphere Portal Lab Services Consultant & Chief Programmer Fix Packs

Falk Posch, WebSphere Portal Software Engineer

In this session you will explore the newly added and already existing administration tools for managing WebSphere Portal 6.1. We will start with having a look at the changes in the file system and from there use the new Configuration Engine for executing configuration tasks and see what optimizations the Configuration Wizard allows. The command line tools XMLAccess, Release Builder and Portal Scripting will be leveraged to update the internal data structures of Portal as creating, updating, and deleting pages, and portlets. After having a look at all the command line tools we will explore the administration of Portal with the browser interface - using the WebSphere Application Server administration console, the Portal Administration portlets including the brand new Site Management and Theme Builder application. Additionally the new URL structure and the usage of feeds will be discussed to give you an overview of how to completely manage WebSphere Portal 6.1.

Entry Skills: Basic Knowledge of the WebSphere Portal Fundamental Concepts.

Exit Skills: Understand the different available tools for administrating WebSphere Portal 6.1 and know which tool is optimal for which use case.

Thomas Hurek is a software architect at the German IBM development lab. Thomas has been in the Portal development team for 6 years - working on various components, including Security, Virtual Portals, and more. In his current role he has the technical responsibility for Fix Packs and is working as a Consultant in the Portal Lab Based Services Team. You can contact Thomas at thomas_hurek@de.ibm.com.

Session Number: A05

Migration to WebSphere® Portal v6.1 from previous releases

Lecture – Intermediate

Rob Holt, Portal v6.1 Migration Team Lead

Migration from one release of WebSphere® Portal to a newer release of WebSphere® Portal may appear to be challenging. WebSphere® Portal v6.1 has simplified the process and has added new capability to minimize downtime during the migration process. This session examines the migration procedure for migrating data from an existing WebSphere® Portal v5.x or v6.0 version to WebSphere® Portal v6.1. This session covers the improvements included in v6.1 and as well as how the migration process works and what to plan for, as proper planning is the key to a successful migration. This session is a must for administrators on an existing version of WebSphere® Portal who are considering moving to v6.1.

Session Number: A06

Building Multilingual Websites with IBM Lotus Web Content Management

Lecture – Intermediate

Richard Gorzela, IBM Software Engineer

In today's global economy, the need for websites to support multiple languages can be a key factor for success. But how can you effectively create, translate, manage, and deploy websites in multiple languages - while also coordinating the efforts? Come learn how IBM Lotus Web Content Management and the multilingual framework can help you meet this challenge head on and succeed!

Session Number: A07

Hands On Lab: Managing Virtual Portals and Multiple Directories with WebSphere Portal 6.1 and VMM

Lab – Intermediate

Thomas Hurek, IBM WebSphere Portal Chief Programmer Fixpacks and Architectural Lead
Stefan Schmitt, Security Architect for WebSphere Portal and Lotus Quickr

The purpose of this session is to discuss and demonstrate the process for creating, customizing, and deleting Virtual Portals and see what changed with Virtual Portals in WebSphere Portal 6.1. We will demonstrate configuration steps, specific options including multiple realm configuration and new options supporting use of Multiple LDAPs. After creating and provisioning Virtual Portals, we will show the management of the scoped and unscoped resources and how to provide an individual look and feel for Virtual Portals. We will also explain specifics for hosting Virtual Portals including staging to production and deleting Virtual Portal instances when no longer required. In WebSphere Portal 6.1 the security configuration changed significantly with the introduction of VMM (Virtual Member Manager). Therefore a special emphasis is laid on the configuration of the Virtual Member Manager (VMM). We will explore the new configuration tasks for adding, removing, altering user repositories.

Entry Skills: Basic Knowledge of the WebSphere Portal Fundamental Concepts and Administration.

Exit Skills: Understand the administration of Virtual Portals via the Administration portlets as well as via the Configuration Tasks and XMLAccess. Know how to use the new configuration tasks to manage security via VMM.

Thomas Hurek is a software architect at the German IBM development lab. Thomas has been in the Portal development team for 6 years - working on various components, including Security, Virtual Portals, ... In his current role he has the technical responsibility for Fix Packs and is working as a Consultant in the Portal Lab Based Services Team. You can contact Thomas at thomas_hurek@de.ibm.com.

Stefan Schmitt WebSphere Portal Security Architect, joined IBM in 2000 and has worked in the WebSphere Portal development team since the Prior to his work at IBM, Stefan studied Information Technology at the University of Cooperative Education Stuttgart.

Session Number: A08

IBM WebSphere Portal Operations: Managing Complex Environments with Releasebuilder

Lecture – Intermediate

Matthias Kubik, IBM WebSphere Portal Software Support Technical Lead

Today's organizations require the ability to adapt changes to their production Portal environments in different ways. Often, there are organizational, geographical, legal and other challenges to be met when considering Portal change management procedures. These may include development of various Portal fragments and applications, and approval of their promotion to production could span multiple time zones and geographical regions. Equally important is the application of consistent processes to ensure appropriate testing and quality assurance before new content is actually deployed to one or more production systems for use by portal end users.

This session provides an overview and best practice approaches to guide Portal administrators as to how Portal staging scenarios can be applied to these complex environments. We'll include a detailed discussion of the Portal's Releasebuilder as a tool providing the level of automation to help drive management of these scenarios. We'll also include a discussion of the role of other Portal deployment tools supporting this activity, and enhancements in plan to continue to improve the ease of change management processes in future versions of WebSphere Portal.

Session Number: A09

Understanding and Applying Portal Analytics with WebSphere Portal 6.1

Lecture – Beginner

Steffen Uhlig, IBM WebSphere Portal Architect, z/OS

Stephen Kruger, IBM Bluehouse Architect

Organizations tend to spend a great amount of time on planning and developing their Portal for the first release, but this covers just a fraction of the lifetime of a Portal installation. The larger part of its life a Portal needs to be maintained, monitored and adapted to new usage patterns that surface only after "Go-live". When planning a Portal project, sizing is usually done based on assumptions, experience and expectations. But other, long-time oriented questions also arise, like "Will our Portal be able to deal with evolving user needs?" and "What do our users really do with the Portal?"

Portal Analytics can help to answer those questions. WebSphere Portal can write usage records to a dedicated log file. This log file can then be exploited by reporting and analytics tools. The format of the log follows industry standards ("NCSA Combined") so that customers can integrate Portal Analytics with their preferred tools and IBM Business Partner ISV solutions.

In this session we will show how reports and analytics information can be derived based on the data provided by the instrumentation. The session also provides an example on how to use the logs for Portal Analytics using open source reporting tools, including typical end-to-end reporting for typical statistics reports. We will also include details on ability to leverage Google Analytics with WebSphere Portal 6.1. Google Analytics provides a rich reporting capability for understanding site traffic, usage patterns and traffic sources. New features in Portal 6.1, such as friendly URL naming allow us to support a deep integration of Google Analytics with Websphere Portal, by providing an administration interface for managing the data generation across your virtual portals. We will illustrate sceanrios with defined goals and how completion statistics kind help tailor your site traffic.

Understand your options to leverage WebSphere Portal platform capabilities to assess and evolve the value of your portal solutions. The example provides complete end-to-end reporting for typical statistics reports.

Steve Kruger is an IBM SOA Architect and has 18 years experience in research labs (Sun Microsystems, Xerox Research, and now IBM Dublin Software Lab), and has a long history of integrating and adapting software to take advantage of new technology trends. A strong background in technical advisory roles has provided a strong grounding for identifying and anticipating technical trends and how to evolve existing offerings to leverage disruptive technologies.

Session Number: A11

WebSphere Portal 6.1 - Performance Fundamentals and Best Practices

Lecture – Beginner/Intermediate

Denny Pichardo, Technical Lead - IBM WebSphere Portal Performance

To ensure the maximum benefit from your portal investments it is crucial to understand the need for performance engineering and the performance impact of certain practices and their effect on

deployed solutions. Furthermore, getting this right can be a challenging task, as performance is often a trade-off between functionality, maintainability, program execution time, and memory consumption. This presentation covers fundamental performance topics including how to determine capacity of your configuration and how to tune WebSphere Portal 6.1 and measure the effectiveness of your changes. In addition, this presentation provides best practices geared to maximize the performance of your portal solution. Also included in this presentation are best practices on performance testing Web 2.0 enabled portals.

Session Number: A12

Hands On Lab: Hands On Lab: WebSphere Portal Performance Analysis & Troubleshooting Lab - Intermediate

Denny Pichardo, Technical Lead - IBM WebSphere Portal Performance

This session will provide information on how to troubleshoot performance related problems in WebSphere Portal 6 and 6.1 releases. We'll go over different ways to go about pinpointing a performance problem in your custom portal applications. We'll also include how to read and analyze thread dumps and heap dumps, and other key techniques. Attendees will obtain hands on ability to understand the techniques available and manage key configuration tasks and monitor results to better manage performance of their portal solutions.

Session Number A13

Virtualizing Portal

Lecture – Advanced

Walter Haenel, IBM WebSphere Portal Architect, Deployment and Operations

With power and cooling costs increasing, IT staff sizes decreasing, and infrastructure costs in general beginning to overcome software costs, the ability to consolidate and virtualize deployments is becoming more and more critical. This session explores the various ways to virtualize a WebSphere Portal deployment, with updates based on WebSphere Portal V6.1, including:

- How to leverage WebSphere Extended Deployment to control and balance loads over large portal deployments
- How to leverage VMWare to build an on-demand Portal environment
- How to mass-replicate preconfigured portal installations using cloning techniques

Session Number A15

Administration and Customization Best Practices: Applying IBM Search Technologies in IBM WebSphere Portal and Lotus Solutions

Lecture – Intermediate

Andreas Prokoph, IBM WebSphere Portal Search Lead Architect

Attend this session to receive a detailed 'behind the scenes' look at the WebSphere Portal Search Engine components and guidelines for tuning and optimizing Portal search services. Topics covered will include Portal Site search, managing access controls, index and search modules and dynamic content options, configuration of the Search Center, integration of third party search services, working with Web Content Management search options, new Search and Index API capabilities and more. We'll show how to apply the new WebSphere Portal 6.1 capabilities to control external search of portal public content, and include search scenarios and recommendations for use of of IBM OmniFind supporting IBM WebSphere Portal and Lotus Quickr and other solutions. Learn recommended approaches to tune IBM search services and improve search quality and performance in your WebSphere portal-based infrastructures.

Session Number A16

Exploit the Portlet Runtime in WebSphere Application Server 6.1 and higher releases

Lecture - Intermediate

Andreas Brunnert, IBM Software Engineer, WebSphere Portal Development

The WebSphere Application Server (WAS) portlet runtime is one of the core components used by WebSphere Portal 6.1 and builds the foundation for portlet isolation via WSRP. This session will introduce the concepts and benefits of this portlet runtime. We'll provide detailed explanations on how to use the features of WebSphere Application Server and how to run and manage portlets, portlet applications as well as how to implement a portlet isolation scenario across multiple JVMs using the WebSphere WSRP producer to integrate WAS portlets in enterprise Portal environments. In addition, this session will also provide an overview of the new WebSphere Portal architecture regarding the split of the portletcontainer into WAS to understand WebSphere Portal's future directions from this point of view.

Entry Skills: Basic understanding of WebSphere Application Server

Exit Skills: Understand the portlet runtime provided by WebSphere Application Server and how it is related to WebSphere Portal

Andreas works as Software Engineer in the WebSphere Portal Development team which is based in the IBM Boeblingen R&D Laboratory (located next to Stuttgart, Germany). He is responsible for the portlet support in WebSphere Application Server and also working on the Standards support in WebSphere Portal. He holds a diploma in computer science from the University of Applied Sciences Brandenburg (Germany) and joined IBM in 2006.

Session Number A17

WebSphere Portal in a Software as a Service environment:

Lecture - Intermediate

Klaus-Peter Schlotter, IT Specialist IBM Innovation Center for Business Partners

A growing number of customers are looking to use software services available over the network instead of deploying them on their own premises. WebSphere Portal as the front end to IBM's SOA architecture provides virtual portals that allow to organizations to setup a single Portal instance to serve multiple clients. Together with IBM Lotus collaborative products such as Domino, Sametime, Quickr and Connections, System Integrators (SIs) can create compelling environments as a service to their customers and incorporate customized business processes that run in this collaborative environment. This session will present the concepts associated with delivering software as a service followed by a demonstration.

Content Track

WebSphere Portal Basics

Session Number: B01

WebSphere Portal: The Front End of SOA

Lecture – Beginner

Rob Will, IBM Distinguished Engineer, Chief Architect, WebSphere Portal

Portals provide a framework enabling customers to create Web sites that integrate their applications and information, and as a result can help greatly improve the productivity and efficiency of the users of the site. The WebSphere Portal platform leverages components from across the IBM Software Group to provide a framework that provides efficient creation and deployment of composite applications built on a service-oriented architecture (SOA), enabling integration of the user experience, providing role-based access to integrated business processes, enterprise applications, content and search services, security and user profiles, along with a complete set of application development tooling. This presentation provides an overview of the key features of WebSphere Portal and how they combine to help businesses be more flexible and responsive to business opportunity and needs. It is intended for people that are new to WebSphere Portal or that want to step back and see the overall story again.

Rob Will (willrc@us.ibm.com), a Distinguished Engineer in IBM's Software Group, is the Chief Architect of WebSphere Portal. Rob has been a member of the WebSphere product development team since the beginning working on both the WebSphere Application Server and WebSphere Studio focusing on web applications. Rob's current responsibilities include architecture for WebSphere Portal, Web Content Management and Document Management. Rob joined IBM in 1981 and worked in VM/ESA development, System/390 Client/Server development, DCE development and Software Group strategy before joining WebSphere.

Session Number: B02
Lotus Quickr Functional and Technical Overview

Lecture - Intermediate

Thomas Schaeck, IBM Distinguished Engineer, Lead Architect Lotus Quickr and Web 2.0 Portal Development

Attend this session and get a complete functional, technical, and architectural overview of Lotus Quickr. We will begin with a tour of the content sharing and team collaboration capabilities of Lotus Quickr, including document libraries, wikis, blogs, forums, team calendars, feeds, etc. We will demonstrate different methods of accessing Quickr content, both from a Web 2.0 browser UI and from inside client applications (including Lotus Notes, Microsoft Outlook, Microsoft Office, and others) using the innovative connector architecture. We'll take a behind-the-scenes look at Lotus Quickr architecture and the different deployment options that are available, so you are best equipped to proceed with implementation. We will also discuss the multiple integration points with Lotus Connections and WebSphere Portal and introduce you to techniques for extending and customizing Lotus Quickr. Our presentation will conclude with a sneak peek at our future plans for Lotus Quickr.

Session Number: B03
Electronic Forms 101

Lecture - Beginner

Bob Levy, IBM Sr. Product Manager, Lotus Forms

Learn how Lotus Forms quickly transforms your line of business agility and readies employees of all skill levels to solve situational needs including surveying, registrations, purchasing, HR, inspections and more. For more rigorous IT projects, see how your line of business will prototype and design their own forms to help reduce lengthy requirements management cycles and burden on IT. Lotus Forms now offers something for everyone in your business and accelerates value of your overall Portal deployment.

Bob Levy is Senior Product Manager of IBM Lotus Forms. He has held an array of portfolio & product management roles with firms including IBM and Rational Software. A co-founder and past-president

of the Boston Product Management Association, Bob is also passionate about best practices in high technology management.

Session Number: B04

Hands On Lab: Lotus Web Content Management and Portal Personalization Services Lab A La Carte

Lab – Beginner/Intermediate

Theresa Smit, IBM Senior Certified IT Specialist, Americas TechWorks, WebSphere Portal and Web Content Management

Herbert Hilhorst, IBM Certified IT Specialist

Attend this session to obtain the hands-on experience with Lotus Web Content Management and Portal Personalization services you require to match your business goals. In this lab, exercises will be approximately 30-45 min in length so participants can choose the exercises of interest to them from the following menu of labs:

- Site Creation - Use the Site Wizard to create your new site
- Multilingual site management - Take an existing site and step through the translation process.
- Personalize your site content - Create personalization rules that will drive the delivery of your content
- Documents in Portal - Use WCM file resources to add documents to your site
- Creating a FeedReader for Portal - Using Personalization resources to integrate an ATOM Feed in Portal

Theresa has a wide breadth of application development knowledge in her more than 30 years in computing technologies including 27 years in IBM. Currently she is a Senior Certified IT Specialist and part of the IBM TechWorks Team. As part of this team she creates and delivers enablement for external and internal customers in the usage of portal technologies to manage and deliver web content. In addition to the Web Content Management product she also covers support for the usage of WebSphere Portal and Personalization products. She has authored other internal and external articles and presented at developerWorks, Portal, Lotus, and IBM Content Manager technical conferences.

Session Number: B05

IBM Self-Service Accelerator Overview, Architecture and Roadmap

Lecture - Beginner

Chris Kau, Lead Architect Lotus Workforce Management

Christian Richter, Lotus Workforce Management Software Engineer

Human Capital Management (HCM) software is one of the fastest growing software application categories. This growth is fueled by an interest in automating processes and supporting organizations strategic goals, such as employee lifecycle management and performance management. Attend this session to understand the benefits customers are realizing as they effectively integrate human resources (HR) processes to their portal solutions to provide employee and manager with self service operations. IBM Lotus Workforce Management, integral part of the IBM Self Service Accelerator, is an HR Portal Self Service solution created on the standards-based open architecture of IBM WebSphere Portal 6.1 leveraging the rapid development capabilities of WebSphere Portlet Factory. The session will illustrate the architecture and functionality available in IBM Lotus Workforce Management as well as demonstrate how developers can leverage the enhanced Portlet Factory-based framework to rapidly extend the functionality of IBM Lotus Workforce Management.

Session Number: B06

Best Practices: Delivering integrated WebSphere Portal, Web Content Management, Portlet Factory and Dashboard Services in your Portal Solutions

Lecture – Intermediate

Dennis Rot, Portal Architect, Portico Consultancy, B.V

Maarten Pol, Portico Consultancy, B.V.

Using experience from various successful customer engagements, learn how to best use and apply WebSphere Portal technology. Understand how to best setup your portal project, your portal environment and what pitfalls to avoid in designing a portal. Learn how to speed up deployment with WebSphere Portlet Factory and also boost your backend integration with the Dashboard Framework. See how customers have effectively leveraged Lotus Web Content Management features to enable self-service content authoring to support business objectives. WebSphere Portal and IBM accelerator solution features will be explained and combined with lessons learned and best practices/pitfalls in each of the stages of requirements gathering, designing and implementation.

Dennis Rot is an experienced portal architect for Portico Consultancy in the Netherlands. For more than seven years now his efforts focus on designing and implementing a variety of WebSphere Portal environments at customers throughout Europe. Dennis is also a frequent speaker at IBM portal events.

Maarten Pol is a WebSphere Portal Specialist at Portico Consultancy in the Netherlands. Maarten has been involved in various WebSphere Portal implementations and has been designing and developing portal applications for several years now.

Session Number: B07

WebSphere Portal 6.1 Security Overview

Lecture – Intermediate

Stefan Schmitt, IBM WebSphere Portal Security Architect

WebSphere Portal provides various options in terms of how your System can be secured. This session will bring you an overview about all new Security Features which are available in 6.1, like StepUp authentication and WAS Group assertion, SPNEGO support, and all major security concepts available with WebSphere Portal Version 6.1, including authentication, single-sign-on, WSRP security, Java 2 platform security and support for multiple LDAP integration within Virtual Portal environments. Furthermore, the session will detail on the present capabilities for management of portal access control, including the new membership model controls possible through the WebSphere Portal Version 6.x Composite Applications features.

Stefan Schmitt WebSphere Portal Security Architect, joined IBM in 2000 and has worked in the WebSphere Portal development team since the Prior to his work at IBM, Stefan studied Information Technology at the University of Cooperative Education Stuttgart.

Session Number: B08

Leveraging IBM Lotus Forms with WebSphere Process Server and WebSphere Portal to Enable Business Process Automation

Lecture – Intermediate

Anthony Fiorot, IBM Product Manager Rational Application Developer and Business Process Accelerator

Bernd Beilke, IBM Lotus Europe SW Technical Sales

Looking for a quick, repeatable, auditable way to handle human tasks within automated processes? IBM WebSphere Portal provides flexible access for your users to business tasks, processes and forms. Learn how WebSphere Portal Version 6.1 makes it even easier to use the flexibility and power

of IBM Lotus Forms to front end processes provided by WebSphere Process Server. Get the technical details how you can leverage these technologies to easily build custom, form based, human centered workflows that enable your employees to collaborate on the business processes they are involved in every day.

Attend this session to learn how Lotus Forms capabilities can be used to deliver secure, intuitive, wizard-driven human task interaction with automated processes via a WebSphere Portal user interface. Learn how WebSphere Process Server and Lotus Forms can interact and how to integrate form data into the business process. Also learn how Process Server business rules can drive forms and how IBM ECM platforms such as Filenet can be used to audit the user interaction.

We will introduce some real world examples where use of Lotus Forms, WebSphere Process Server and WebSphere Portal have improved efficiencies and reduced costs for medium and large customer organizations in government, insurance and banking industries. Also, we will demonstrate sample integrated Forms / Process Server/ Portal applications and discuss future directions.

Session Number: B09
Integrating WebSphere Portal 6.1 with Microsoft Technologies

Lecture – Beginner

Joel Demay, IBM SW IOT Technical Sales

In today's heterogeneous world, customers have to integrate software products from many vendors. The issue of integrating Microsoft products into WebSphere Portal is something most customers are faced with. In this session, we will cover the many integration options, ranging from client-side integration of Microsoft Office using the MS Office WebComponents, to server-side integration using .NET WebServices. We will also cover, among other things, integration of Exchange, Outlook and LCS with WebSphere Portal, and include the latest updates enabling improved File Explorer, Exchange and Office integration with WebSphere Portal 6 and 6.1 and Lotus Quickr 8. We'll use customer cases and live demos that you can easily adapt to your current issues.

Session Number: B10
Taking Portal to the Client with Lotus Expeditor

Lecture – Intermediate

Michael Zink, IBM Lotus Europe NE Technical Sales Leader

This session will explore strategies for delivering portal content on Client machines running Lotus Expeditor. How does Expeditor complement WebSphere Portal server based applications, and where does Expeditor enhance Portal capabilities. What type of Portal content can be run locally on Expeditor and when are changes necessary. What customer requirements may be better met by running Portal content locally on Expeditor?

Which Portal development tools can be used with Expeditor and what are some limitations of certain tools? When can you use Portlet Factory to develop content for both Portals and Expeditor? These questions will be explored. A demonstration of Portal content running on Expeditor will be given as well as a brief demonstration of the development tools that may be used to support the solutions.

Session Number B12
Extending IBM Lotus Quickr Services for WebSphere Portal

Lecture - Intermediate

Sven Stueven, IT Consultant for WebSphere Portal/Quickr Services for WebSphere Portal

In this session we will describe the architecture of Lotus Quickr to show different possibilities to use and extend its features. One part is Lotus Quickr Collaboration Services, which provide access to content such as documents, blogs, wikis, and web content of Quickr J2EE and/or Quickr Domino. The

application bindings to these services, including Web Services and REST services will be explained. Quickr is designed to be customized with the majority of client engagements requiring some level of development. This session will focus on breaking down the complexities of designing, developing and implementing a corporate look and feel. It will also cover the use of templates and by the end the session attendees will be equipped to implement customer requirements using themes and templates. Furthermore we will explain how to extend Quickr J2EE by developing custom WCM components.

Sven Stueven is working in Lab Services for WebSphere Portal, located in Germany. He is supporting European Portal and Quickr customers in creating solutions. While working in this position he has been engaged in Lotus Quickr development as well.

Session Number B13

WebSphere Portal and SAP Integration Options

Lecture - Beginner

Kay Baumgartel, IBM Senior Sales Specialist - Portal Techsales Team

Lecture - Beginner

SAP integration is important for many WebSphere Portal customers, as SAP is a major ERP-System in the current IT landscape. With it's flexible SOA support, WebSphere Portal allows a range of integration options with SAP, from wizard-guided SAP integration support with WebSphere Portlet Factory, also ready to use application integration (pre-configured applications provided with the WebSphere Portal Self-Service Accelerator. Other options include business process integration leveraging WebSphere Process Server and the WebSphere Business Process Accelerator. Dual portal architectures, also web based integration are other option. The session provides an overview and implementation examples covering the many options to assist you with your business requirements and integration project plans.

Kay is leading the Lotus' Competitive Team in Germany and he is a senior sales specialist focused on all portal integration aspects. He worked as SAP business consultant before, specialized in plant maintenance & material management as well as the SAP NetWeaver platform.

Session Number B15

IBM Learning Accelerator Overview and Strategy

Lecture - Beginner

Sibylle Schäfer, Lotus TechSales, Germany, IBM Deutschland GmbH

Frank Putzky, Lotus TechSales, Germany, IBM Deutschland GmbH

IBM has significant experience and success in providing customers with Learning Management Software. Now Learning Management Software moved to Portal Platform as Learning Accelerator. This presentation will give you an overview of the functionalities the Learning Management Software provides and its architecture. We will show you that with the integration of Lotus Sametime and Lotus Quickr this is a complete solution for providing and managing classroom courses with the necessary resources, virtual classroom courses, elearning course and a mixture of all - blended learning.

Sibylle Schäfer is a graduated engineer for telecommunication. During 21 years with IBM she had various different roles (plant engineer, IT Specialist for networking and cabling, IT trainer, Learning Consultant, Java Programmer in customer projects, IT Specialist for Lotus Products at Techline). As a teacher she gains experience with organizing different types of courses with a Learning Management System. That time she also changed from networking education to software related topics like WebSphere Portal Server. Today she is a technical sales specialist in Germany for WebSphere Portal, leveraging her skills from Learning Management and Portal to support the new IBM Learning Accelerator.

Frank Putzky is a graduated engineer for information technology, and is a member of the Lotus Technical Sales Organization in Germany. Frank is working as specialist for IBM WebSphere Portal since 2001. Within this role Frank supports key account customers as well as customers of the IBM public, communication, industrial and distribution and the IBM Small and Medium Business sector. He has experiences in consulting and leading Portal projects including collaboration and learning topics. Frank is an IBM Certified IT Specialist. Before joining IBM Software Group Frank was a System Engineer in the IBM Global Services organization. Frank supported customer projects regarding IBM AS/400 and IBM iSeries environments. As a System Engineer Frank worked as a consultant for the customer IT infrastructure.

Session Number B16

Using integrated content management and collaboration tools to drive your company's portal acceptance and improve the user experience

Lecture – Intermediate

Adrian Sutton, CTO, Ephox

IBM's suite of portal and collaboration tools - WebSphere Portal, Lotus Web Content Management, and Lotus Quickr - provide a rich set of tools for creating, managing, and delivering content and documents to the web. While each tool has its strength, a key factor to the success of these tools is the ability for nontechnical knowledge owners to contribute content and documents easily and intuitively.

A pretty user interface is no longer sufficient to draw and maintain an audience. In today's environment content is king - sites need to have visually compelling and dynamic content. For the knowledge owner, a limiting factor in this goal is the current state of rich text editing (RTE) tools. EditLive! for Java (from Ephox) provides an intuitive MS Word-like interface and rich feature set to make content contribution easier and more effective. It's APIs even provide opportunities to extend the editor to meet specific organizational needs.

The result of using EditLive! with your portal and collaboration tools is improved user adoption and better ROI as well as reduced training and support. This session will show how EditLive! helps make your investments in portal and collaboration tools provide greater value to your organization.

Session Number B17

Getting started with WebSphere Portal Web Content Internet and Intranet site templates

Lecture – Beginner

Rob Enright, TechWorks, IBM

Hauke Juhls, IBM WebSphere Portal Lab based Services, IBM Deutschland Research & Development GmbH

To support your business requirements and processes, IBM® WebSphere® Portal provides both an internet site for your business-to-customer (B2C) requirements and an intranet site for your business-to-employees (B2E) requirements. Attend this session to learn about the out of box web content functionality provided by these applications and how easily they can be tailored to match the specific requirements of your business. New features introduced to the templates in WebSphere Portal and Lotus Web Content Management 6.1 will be included.

Content Track
WebSphere Portal Development

Session Number: D01

Development Tools Strategy for WebSphere Portal

Lecture – Beginner

Anthony Fiorot, IBM Product Manager, RAD Portal Tools and BPC Workflow

Stefan Hepper, IBM Portal Architect

This session is an overview of the strategy and capabilities for development tools and frameworks supporting Portal based application development. You'll understand the goals of the development strategy; to enable a broad class of developers and power users to leverage their skills and easily integrate their applications to powerful portal composite applications. Attend this session to see how the strength of IBM's tools portfolio including WebSphere Portlet Factory, Rational Development tools, Lotus Expeditor, Composite Application Infrastructure support, Lotus Forms, WebSphere Integration Developer, Site Aggregation capabilities, and more can be productively used and combined in support of development of composite applications to meet your business objectives. Understand the role and application of complimentary tools, standards and frameworks such as Struts, JSF, Hibernate, Spring, and Dojo, to support portal and portlet development. Learn how the tools fit together to provide a comprehensive tool box for enterprise and SMB developers. Scenarios and examples will be included to support the application of tools presented in the session.

Session Number: D02

Rapidly Construct Rich, Web 2.0 style applications for IBM WebSphere Portal using IBM WebSphere Portlet Factory 6.1

Lecture – Intermediate

Jason Cornell, Product Manager, IBM WebSphere Portlet Factory

Leverage Web 2.0 features to increase the effectiveness of WebSphere Portal applications by improving user satisfaction and collaboration. Learn how WebSphere Portlet Factory supercharges the construction of richer, more responsive WebSphere Portal applications that exceed user expectations without writing code. In this session we will also introduce the new features of the latest release, WebSphere Portlet Factory v6.1, including:

- Improvements to the developer user experience enabling developers to create WebSphere Portal applications faster than ever
- New Adobe Flash and collapsible section builders
- Expanded platform support for development and deployment support including JSR 286 support for deployment to WebSphere Portal v6.1
- Improved performance for creating faster and more scalable WebSphere Portal applications
- New samples and documentation to jumpstart WebSphere Portal application development
- New builder catalog offerings including IBM WebSphere Process Server for embedding workflow in WebSphere Portal applications

Additionally, this session will explore the future WebSphere Portlet Factory product roadmap, directions and areas of investment and provide an opportunity for WebSphere Portal and Portlet Factory customers to provide feedback on new WebSphere Portlet Factory features and enhancements.

Session Number: D03

Web 2.0, AJAX and REST for WebSphere Portal Version 6.1

Lecture – Intermediate

Stefan Behl, IBM WebSphere Portal Software Engineer

This session will show you how WebSphere Portal 6.1 improves user experience, performance, responsiveness and scalability by adopting Web 2.0 paradigms and technologies such as AJAX, REST, RSS, Atom, and live text semantic tagging. The first part of the session will discuss and

demonstrate the new capabilities provided by WebSphere Portal 6.1 exploiting these technologies, e.g. client-side aggregation, integration of feeds and Google Gadgets, tagging-based click-2-action etc.

The second part will explain how to fully leverage AJAX technology in WebSphere Portal for portlet development. Attend this session to learn and see how JSR 168 and JSR 286 portlets can adopt AJAX techniques to deliver increased user interaction and improved performance. This part will discuss development guidelines, design patterns, frameworks, recommendations and also strategies to avoid for AJAX portlet development to demonstrate the range of possibilities and optimal uses of this new technology. Learn how to leverage AJAX support in Portlet Factory, also the AJAX Toolkit Framework, Debugging Tools, DOJO artifacts and more as you build your portlets.

The session concludes with an outlook to Web 2.0 and additional AJAX features and support planned for WebSphere Portal in the future.

Stefan Behl is a Software Engineer in the IBM Development Laboratory in Böblingen, Germany. He joined the Workplace and Portal Foundation Development in 2004 and works in the Portal Web 2.0 and Engine team. His main areas of focus are Web 2.0 integration, navigational state handling, and page aggregation. Stefan studied Software Engineering at the University of Stuttgart, Germany, and holds a diploma in Computer Science.

Session Number: D04

Leveraging new Portal Standards WSRP 2.0 and JSR 286 with WebSphere Portal 6.1

Lecture - Intermediate

Richard Jacob, WebSphere Portal Standards Team Lead

The Java Portlet specification describes a standardized interface to allow easy integration of application components into portals. The OASIS standard Web Services for Remote Portlets (WSRP) enables composing user interfaces using not only locally deployed portlets, but also ones running on remote servers, including other non-J2EE platforms. This capability enables portals to be integrated across the company, cross portal vendor and cross platform. In addition, mission critical enterprise level portals can be protected from failure by isolating servers providing portlets in a distributed environment via WSRP.

Both standards - Java Portlet Specification 2.0 (JSR 286) and WSRP 2.0 - have recently been finalized and bring new features like portlet coordination, in context resource serving, support for Ajax use cases and many more. This session will focus on the new features and capabilities both standards provide and will also demonstrate the new portlet coordination mechanisms supported by WebSphere Portal 6.1, and outline new WebSphere Portal 6.1 support for both new Portal based standards.

Session Number: D05

Best Practices for Creating WebSphere Portal Portlets with WebSphere Portlet Factory,

Lecture - Intermediate

Mike Bourgeois, IBM Software Engineer

WebSphere Portlet Factory is a powerful and rich environment for developing custom portlets and components. It uses a model-based development paradigm. In this presentation, we will help developers maximize their productivity and effectiveness with WebSphere Portlet Factory by describing some proven best practices for development with WebSphere Portlet Factory. Learn how to design for performance with WebSphere Portlet Factory. Apply application construction best practices to minimize memory utilization and efficiently access and process large data sets from

backend systems. Leverage built-in performance diagnostic and analysis tools for targeted application tuning prior to deployment to a production WebSphere Portal environment.

Session Number: D06

Extending WebSphere Portal Personalization

Lecture – Intermediate

Brian Cheng, IBM WebSphere Portal Technical Marketing Manager

WebSphere Portal Personalization offers a rules and recommendation engine to target web content to users. The rules engine integrates out of the box with the Portal's content repository and the Portal's user repository. While all users may have been created equal, not all user data was. What happens when your content is in another repository? How do you integrate Personalization with external user repositories? This session will investigate techniques for integrating Personalization with external content and user repositories to provide even richer personalization capabilities in your portal solution.

Session Number: D07

How to develop widgets in Lotus Mashups: Concepts, Guidelines and Best Practices

Lecture – Intermediate

Stephan Hesmer, Lotus Mashups Chief Developer

This session explains how to develop a widget within Lotus Mashups by providing an overview of the capabilities and recommended development guidelines. Learn and see how easy widget development is with Lotus Mashups, how they can be wired together and how a coordinated and useful mashup page is created. Additionally we look at useful strategies in the widget space and how to apply them for optimal use. The session is accompanied by demonstrations of the various development steps and certain design patterns. Furthermore, the session covers the various ways on how server side components can complement widgets to the fullest. The session concludes with an outlook on how widget development will progress in the future.

In this session we will focus on JavaScript best practices and performance guidelines for JavaScript developers. We make use of the widget development framework within Lotus Mashups to illustrate the various aspects of JavaScript development even though those guidelines apply generally to any JavaScript development. Attendees will learn in-depth how to write better performing, more reliable and maintainable JavaScript code that leads to a higher productivity within a team and a product. Additionally we will cover advanced areas around product development such as JavaScript guidelines for API definitions, JavaScript testcases and server side challenges.

Session Number: D09

WebSphere Portal Programming Model: New Portal 6.1 Services and Portal Frameworks Support

Lecture - Intermediate

Stefan Hepper, IBM WebSphere Portal Architect

The WebSphere Portal architecture is designed as a framework and a collection of portal services. Many of these services are implemented as portlets but others provide common functionality to portlets. Each portal service has its own interface for the functionality that it offers. This session gives an overview of new portlet frameworks that have come up, such as Struts 2.0, JSF 1.2 and others, and how you can run those on WebSphere Portal. We'll also cover in detail and with examples the major new APIs and SPIs introduced in WebSphere Portal 6.1.

Session Number: D10

Rapidly Create Widgets for Use in Business Mashups on IBM Mashup Center with Lotus Widget Factory

Lecture - Intermediate

Tom Beauvais, IBM Software Engineer

This session will explore using Lotus Widget Factory to rapidly create dynamic widgets that utilize existing applications and data sources without writing code. Learn how to create widgets that consume REST feeds, enable mashable widgets by adding support for widget events and extend dynamic widget customization to business users. Learn to deploy widgets built using Lotus Widget Factory to Lotus Mashups.

Session Number: D11

IBM Rational Application Developer for Portlets and Portal Site Development

Lecture – Beginner

Anthony Fiorot, IBM Product Manager, RAD Tools and BPC Workflow

This session will provide an introduction to IBM Rational Application Developer, and the enhancements available with the latest release, Rational Application Developer 7.5 . Through a live demo, we'll show you how to build a complete portal application and deploy onto an IBM WebSphere Portal 6.1. The demo application will demonstrate development support for key-WebSphere Portal features including JavaServer Faces (JSF) portlets, Click-to-Action, Web services, Service Data Objects (SDO) to enterprise systems such as Lotus Domino and more. You'll see first-hand how simple RAD 7.5 makes developing an Enterprise-ready portal application with lots of drag-and-drop interactions and function-rich wizards. Business executives, managers, system architects and developers can all benefit from this session, and see the value that Rational Application Developer 7.5 brings to your Portal based IT projects.

Session Number: D12

Creating custom WebSphere Portal applications that leverage data and services from IBM products and applications with WebSphere Portlet Factory

Lecture - Intermediate

Tom Beauvais, IBM Software Engineer

You have seen the value of Lotus Connections, Lotus Quickr, WebSphere Process Server, and other products in the IBM portfolio, and now you want to quickly expose the power of those products in a rich Portal or web user interface. In this session we will show you how easy it is to use WebSphere Portlet Factory to create your own custom portlets and web applications which leverage data from a wide variety of IBM products, including Lotus Domino, Lotus Quickr, Lotus Connections, Lotus Web Content Management, WebSphere Process Server, IBM Information Server and IBM InfoSphere MashupHub.

Session Number: D13

Integrate SharePoint and .NET into IBMWebSphere Portal

Lecture – Intermediate

Oved Yavine, Director of Client Services, Mainssoft

Companies with strategic investments in Microsoft® technologies and WebSphere® are looking for ways to integrate the two platforms. Workgroups frequently use SharePoint® for basic document management and for departmental collaboration sites, while enterprise IT relies on WebSphere for its portal infrastructure and as a front-end to its service-oriented architecture (SOA).

Attend this session and learn how to:

- Expand WebSphere Portal's ability to access and aggregate all enterprise assets — including SharePoint Services, Microsoft Office® document libraries, and .NET applications — in an open, scalable and SOA-ready environment.
- Integrate SharePoint and .NET with legacy and back-end systems – such as PeopleSoft, Oracle, SAP, Lotus Notes, etc., through integration with WebSphere Portal.
- Build composite and enterprise workflow applications that integrate SharePoint data with .NET and Java applications in a single sign-on, role-based portal environment.
- Deliver departmental SharePoint resources to distributed audiences, inside and outside the organization, without compromising corporate security standards or workgroup autonomy. Use cases and demonstrations will be included.

Oved is responsible for helping IBM customers integrate Microsoft assets, specifically SharePoint and .NET, with IBM platforms: WebSphere Portal, Lotus Notes, WebSphere Application Server and Lotus Expeditor.

Session Number: D14

Building an SOA Business Process Portal - Integrating WebSphere Process Server with WebSphere Portal

Lecture – Intermediate

Dieter Buehler, IBM WebSphere Portal Architect

WebSphere Portal is the front end to IBM's SOA infrastructure. It provides the framework for enabling customers to leverage the efficiency of each employee by integrating business processes and advanced, role based portlet interfaces to work with them, expanding the portal to an integration point for all services and information required to process a task at hand.

This session starts with an overview of the business process integration capabilities of the WebSphere Portal platform with a focus on the new features added in version 6.1, including new Task List portlets that can be used to manage processes and work on individual tasks that can be enabled without the need for any custom coding and the new and advanced configuration options.

In the second part of the session we will provide a detailed examination of the APIs, technologies, developer roles, and steps involved in designing and enabling Portal based process integration as well as best practices for operating WebSphere Portal with WebSphere Process Server in your SOA infrastructure.

The information and demonstrations will enable you to evaluate how business process integration in WebSphere Portal, and new updates in WebSphere Portal 6.1 can help you to better support your business needs and streamline every day tasks. This session will provide comprehensive guidance in setting up an SOA Business Process Portal and implementing portlets to customize the solution to your specific needs.

Dr. Dieter Buehler works as an architect within the WebSphere Portal development team in the IBM Laboratory in Boeblingen, Germany. He successfully drove the IBM WebSphere Portal Security Architecture for several years until in 2007 Dr. Buehler took over the Process Integration architecture of IBM WebSphere Portal. Prior to IBM, he worked three years in research at the University of Tuebingen in Germany exploring concepts and technologies for integrating industrial automation systems into web-based portal solutions.

Session Number: D15**Hands On lab: WebSphere Portal Process integration using WebSphere Portal, Lotus Forms and WebSphere Process Server**

Lab – Intermediate

Josephine Justin, IT Specialist, IBM Software Group

Vijayabhaskar Siddared, IT Specialist, IBM Software Group

With the momentum on IBM's SOA story and the adoption of SOA in the industry, it becomes imperative to understand about the technology behind SOA. When addressing requirements for end user managed process entry points, WebSphere Portal Server provides the front-end of SOA and in tandem, WebSphere Process Server offers the key process integration capabilities. Lotus Forms hosted on the WebSphere Portal platform offers unmatched benefits of encompassing presentation, logic and data in a single electronic form. This session provides a simple hands-on lab to view and upload an eForm - pre-developed using Lotus Forms 3.0 - to a central Forms Repository, deploy a pre-built BPEL Workflow onto Process Server and verify the usage of a simple scenario around the life-cycle of eForm through processing portlets. Lotus Forms Designer and WeSphere Portlet Factory are introduced from tooling perspective to support this integrated solution. Through this usage scenario, the capabilities and strength of these technical solutions around IBM's WebSphere Portal, Process Server and Lotus Forms are demonstrated. The Lotus Forms 3.0 and Web 2.0 Technologies would be highlighted, and users will gain valuable hands on experience to enable these solutions to their portal infrastructures.

Josephine E Justin is a IT Specialist with 8 years of design, development and consulting experience in J2EE and portal applications. She specializes in product consulting and implementation of WebSphere Portal, Web Content Management, Workplace Forms, WebSphere Portlet Factory, and Dashboard Framework.

Vijayabhaskar is an IT Architect with 10+ years of experience in the Industry. He provides enterprise IT solutions for business problems in multiple industry sectors, based on cross-brand IBM Middleware. He has extensive experience in providing secure, highly-available and transaction portals to IBM's enterprise customers.

Session Number: D16**Hands-On Lab: Creating Portlets with WebSphere Portlet Factory!**

Lab – Intermediate

Jason Cornell, IBM WebSphere Portlet Factory Product Manager

Mike Bourgeois, IBM Software Engineer

Have you heard of WebSphere Portlet Factory but never used it before? Think it sounds too good to be true? Come see how quick and easy it is to create and deploy good looking Ajax-enabled portlets. This session will provide a hands-on introduction to IBM WebSphere Portlet Factory and walk through all the steps to create and deploy portlets that access data from a relational database using a service oriented architecture.

Session Number: D17**Leveraging the power of HTML pages support and the resource addressability framework in WebSphere Portal v6.1**

Lecture – Advanced

Dr. Carsten Leue, IBM WebSphere Portal Architect

WebSphere Portal v6.1 offers new possibilities to boost the productivity in creating portal pages and to expose data as RESTful services. In this session we will explain the concepts of the new “HTML page support” that lets UI designers easily deploy portal pages right out of their favorite HTML design tool and show, how these pages can leverage portal artifacts such as portlets or REST services. In a second part we drill down into the portal REST services architecture and see how it can be used and extended with custom services. The session is completed with a short demo that combines both aspects.

Session Number: D18

Implementing High Performing Custom Applications for WebSphere Portal: Best Practices

Lecture - Intermediate

Denny Pichardo, Technical Lead - IBM WebSphere Portal Performance

Performance is often a trade-off between functionality, maintainability, program execution time, and memory consumption. Administrators and developers can benefit from lessons learned from multiple Portal project implementations that have demonstrated that the performance of custom code can play a major role in the performance of the overall portal environment. It is crucial to understand the performance impact of certain programming practices and their effect on deployed solutions. This presentation provides development programming advice geared to maximize the performance of portal application components, such as portlets, themes, and skins, and use of object caching in custom code within solutions developed for IBM WebSphere Portal. We'll cover fundamental Java performance concepts, key J2EE specific support services and many additional performance related concepts specific to WebSphere Portal deployments. Attend this session to understand the options available and when to apply the appropriate configurations and services to ensure maximum performance for custom developed applications deployed to your WebSphere Portal based solutions.

Session Number D20

Hands On Lab Creating Portal and Portlet Applications Rapidly Using RAD

Lab - Intermediate

Anthony Fiorot, Product Manager

Saurabh Agarwal, Project Lead, RAD Portal Toolkit

Built on top of Eclipse, IBM(R) Rational(R) Application Developer is one of the most widely used integrated development environments (IDEs). It shortens the learning curve and increases productivity by offering visual editors drag-and-drop features and a variety of wizards. This workshop walks through how to use IBM Rational Application Developer's relational service data objects (SDO) tooling to develop an SDO that connects to an IBM(R) DB2(R) database and Web services. Participants then see how to use IBM Rational Application Developer Portlet Tooling to create Java(TM) Specification Request (JSR) 168/286 portlets that use the SDOs. Next, participants learn how to get these portlets to interact with each other by using the Rational Application Developer Cooperatives wizards and see Ajax features like typeahead and data fetching without refresh. Finally, participants learn how to create a portal, placing the portlets in pages and wiring them. When all of that is finished, the complete application is deployed onto IBM(R) WebSphere(R) Portal Server V6/V6.1 from IBM Rational Application Developer. Thus, with almost no coding, participants will see an end-to-end portal that has Ajax-enabled portlets talking to each other and a relational database and Web service at the back end.

Content Track:

What's New in WebSphere Portal

Session Number: N01

What's New in WebSphere Portal Version 6.1

Lecture – Intermediate

Rob Will, IBM WebSphere Portal Architect and Distinguished Engineer
Thomas Stober, Lead Architect, WebSphere Portal Foundation
Brian Cheng, WebSphere Portal Technical Marketing Manager

Portal technology continues to progress, accelerated forward by both industry-driven standards and the greater marketplace. IBM WebSphere® Portal software has stayed at the forefront of this continuing wave of innovation, combining the latest user-centric functionality with reliable security and manageability features to meet the needs of the business. The software incorporates extensive Web 2.0 capabilities, allowing companies to fuel social interaction by delivering high-performing, intuitive applications through a rich Web interface.

WebSphere Portal V6.1 contains a number of new features and capabilities extending its leadership in the Portal marketplace. We'll present the overall architecture and extension and customization points and how they can be used to create successful portal solutions that are ready for the future, with demonstrations emphasizing increased utility and flexibility of the new platform features. These features include support for additional Web 2.0 capabilities; operational improvements in the area of web site management; support for the latest portlet standards (JSR 286 and WSRP V2.0), step up authentication; and other enhancements. This presentation will focus on the new capabilities and assumes an understanding of WebSphere Portal V5.1 or V6.0.

Session Number: N02

Integrating Documents with WebSphere Portal

Lecture - Beginner

Theresa Smit, IBM Senior Certified IT Specialist, Americas TechWorks, WebSphere Portal

Web sites often incorporate all types of documents from various sources. Collaborative, automated, casual and personal documents can all have a place with in your portal site. Each may use a different repository to manage documents and various automation or collaboration to create the documents. This presentation will describe and demonstrate several scenarios from the simple to the more complex for managing and including these documents in your Portal site.

With the release of 6.1 IBM implemented a new strategy and approach for how documents are stored and managed within WebSphere Portal. This change was prompted by a switch from the embedded Portal Document Manager to an external Document Library based upon Quickr. In this session we will cover the new features and benefits of Portal's new document management capabilities as well as integration techniques and the PDM migration strategy.

Theresa has a wide breadth of application development knowledge in her more than 30 years in computing technologies including 27 years in IBM. Currently she is a Senior Certified IT Specialist and part of the IBM TechWorks Team. As part of this team she creates and delivers enablement for external and internal customers in the usage of portal technologies to manage and deliver web content. In addition to the Web Content Management product she also covers support for the usage of WebSphere Portal and Personalization products. She has authored other internal and external articles and presented at developerWorks, Portal, Lotus, and IBM Content Manager technical conferences.

Session Number: N03

Supercharge your Portal Project - IBM Accelerators 6.1 for WebSphere Portal

Lecture – Beginner

Rebecca Buisan, IBM Program Director, IBM Accelerators

Stefan Liesche, IBM WebSphere Portal Accelerator and Platform Chief Architect, STSM

Keeping up with the rapid pace of business and technology change can be daunting. It's critical to protect investments while still responding to innovative breakthroughs. What if you could use the same open platform to solve a range of business challenges beyond your initial project? Have you been asked to improve productivity, provide situational applications, encourage information sharing, self service and collaboration? Do you have industry specific requirements, for example to provide healthcare, customer service, or retail applications? This session will show how IBM Accelerators for WebSphere Portal provide snap-on modules to address the most common ways Portals are being used. See how Accelerators respond to business challenges with ready made, yet extendable solutions that cut deployment time and costs - while delivering on new innovations. In this session, you won't simply see a feature function list of all IBM Accelerators for WebSphere Portal. We'll focus instead on business objectives, customer deployments and demonstrations to offer a deeper understanding of how IBM Accelerators for WebSphere Portal help you quickly respond to application needs and changing requirements.

Stefan Liesche is the Chief Architect for WebSphere Portal Accelerators and the WebSphere Portal Platform. Stefan is holding a M. Sc. in computer science from University of Hildesheim, Germany. In 1998 he joined IBM and gathered experiences in multiple technical roles since then. He worked as Architect for IBM Services in enterprise customer projects, at locations in Germany, where he constructed mission critical server applications. Stefan has been working with Portal Technologies for years, within services projects, as well as within IBM's Software Group product development organization. In 2007, Stefan jointly provided a lecture course on Portal technologies at the University of Jena, Germany. Stefan is an appointed Senior Technical Staff Member (STSM) of IBM and The Open Group Master Certified IT Architect working in the IBM Deutschland Research and Development Laboratory, Böblingen, Germany. You can contact Stefan at liesche@de.ibm.com.

Session Number: N04

Web 2.0, Collaboration, Portals, Mashups and Social Networking

Lecture – Intermediate

Thomas Schaeck, IBM Distinguished Engineer, Lead Architect Lotus Quickr and Web 2.0 Portal Development

This session gives an overview of the combined Web 2.0 capabilities of Lotus Quickr, Lotus Connections, Lotus Mashups and WebSphere Portal and the architecture of these products. We cover the key function and important aspects of the architecture, including the Feeds and REST style services exposed across the products to enable rich possibilities of integration. We also explain how linked value is achieved by combining these products with each other and with Lotus Sametime to add presence awareness and in-context chat function, giving examples of many possible integration scenarios. The session concludes with an outlook on future Web 2.0 features that will be introduced across Lotus Quickr, Lotus Connections, Lotus Mashups and WebSphere Portal.

Session Number: N05

Integration of Web Resources into Lotus Notes based Composite Applications using MyWidgets

Lecture – Intermediate

Michael Zink, IBM Lotus Europe NE Technical Sales Leader

Composite applications support business flexibility and boost organizational productivity by bringing all necessary information together in a single context. More than a shared user interface, composite applications create a shared context and provide loose coupling for component-to-component interaction. Come to this session to learn how to re-use your existing Web resources, RSS feeds, Google gadgets and other components unchanged in Lotus Notes. Learn how to build composite applications on the rich client and how Portal adds real value. This session focuses the integration of

different components can be added to composite applications in Lotus Notes. Come see sample code, and watch as existing Web resources will find its way into a standard Lotus Notes client before your very eyes! This session will demonstrate the shared concept/application of live text in both Lotus Domino and WebSphere Portal 6.1.

Michael Zink is the technical sales leader for IBM Lotus in North East Europe. He is responsible for Lotus Expeditor and Composite Application, and is involved in many customer projects. He is also one of the authors of a newly published redbook 'Building Composite Applications' published on IBM.com earlier this year: <http://www.redbooks.ibm.com/abstracts/sg247367.html>

Session Number: N06

What's New in WebSphere Everyplace Mobile Portal

Lecture – Beginner

Lauren Wendel, IBM Product Manager, WebSphere and Mobile Portal

Krishnakumar Balachandar, WebSphere Everyplace Mobile Portal Software Engineer

Mobile solutions are a key strategy for customers who want to do business faster and more efficiently, enabling seamless access and responsiveness to colleagues, customers and partners. Equally important, they provide an easy, cost-effective way for content and application providers to deliver revenue-producing content and services. In this session we'll cover the latest enhancements and technical strategy on WebSphere Everyplace Mobile Portal Enable (WEMPE) Version 6.0 and higher releases. Learn how WEMPE 6.0 easily extends WebSphere Portal with platform framework, development and rendering services to efficiently deliver scalable and personalized mobile solutions. Understand the latest technical enhancements, including integration with Lotus Web Content Management and a sneak peak of upcoming release features, product roadmap, use cases and resources you can leverage to effectively promote the advantages and technical details of mobile Portal solutions to our customers, service providers and partners.

Lauren Wendel is the Product Manager for IBM WebSphere Portal and Mobile Portal products. Lauren and has worked within IBM and Lotus divisions since 1989 with focus areas in product development and test, Business Partner and enablement programs, Lotus Domino enterprise integration, enterprise search and knowledge discovery products and technologies. Lauren has previously held systems management and consulting positions at Wells Fargo Bank, Citigroup, Duke Fuqua School of Business and Grant Thornton International.

Session Number: N07

IBM Lotus Web Content Management 6.1 - What's new?

Lecture – Intermediate

Herbert Hilhorst, IBM IOT Southwest Europe Technical Sales

Hauke Juhls, IBM WebSphere Portal Lab based Services, IBM Deutschland Research & Development GmbH

The delivery of web content is a major use case for portals. With IBM Lotus Web Content Management IBM offers a product that covers the whole content life cycle in a web portal - from content creation, management via workflows to the delivery and archiving. With the new Version 6.1 there are new features available that help you to make the web content management process even better. This includes enhancements in performance, security with the inheritance model and the new contributor role, the authoring area, like active content filtering, as well as in the rendering area, with contextual links, and the public APIs, like custom workflows, library management, and versioning. In this session you will be quickly introduced to the basics of Lotus Web Content Management. It also covers these new features in detail and how they can help you in your use cases with code samples.

Further, it highlights the New Site Wizard portlet that allows you to create complete pre-configured Virtual Portals that may be pre-filled with content for a web content based site. We'll then cover what's coming next by looking at the roadmap of the product as well. With this session, you will learn why you wish to upgrade quickly, or may consider to migrate to, if not already using, Lotus Web Content Management !

Hauke Juhls works as an IT Specialist in the IBM development lab in Böblingen, Germany. Being part of the IBM Software Group and having worked in several projects he has deep knowledge of IBM WebSphere Portal and IBM Workplace Web Content Management (WCM) releases and development aspects. Hauke helps customers in Europe to successfully plan, design, implement and improve their Portal and WCM deployments.

Session Number: N08

Architecture Overview of IBM Mashup Center: A technical deep-dive

Lecture – Beginner

Nicole Carrier, IBM Program Director

Stephan Hesmer, IBM Chief Architect Lotus Mashups

IBM Mashup Center is a lightweight mashup environment for rapidly assembling enterprise, Web, and personal content into simple, flexible, and dynamic Web applications. This session begins with a quick overview of the key features and architecture of IBM Mashup Center. We will then dive into a comprehensive demonstration of a mashup build, including creating a new feed from an enterprise source, developing and discovering widgets, wiring widgets together, and sharing mashups. Next, we will explore the common problem of how to secure widgets and mashups today and into the future. Finally, we will review the IBM Mashup Center roadmap, including integration with WebSphere Portal.

Session Number N09

Power Boost your Dashboard Experience: Integrating Cognos BI with WebSphere Portal

Lecture - Beginner

Rebecca Buisan, IBM Program Manager, IBM Accelerators

Arjen Moermans, IBM Technical Sales Leader, Europe

Did you realize that a single tool can help cut the national cost of healthcare, reduce IT system downtime, improve customer satisfaction, and save days of debugging efforts? Learn how customers are expanding their Portal footprint by using the Dashboard Accelerator to solve other IT and business challenges across the organization. In addition, this session will describe new capabilities in the 6.1 release of Lotus ActiveInsight and WebSphere Dashboard Framework, including builders for BI systems such as Cognos. It will also highlight deployment tips and tricks from experts.

Session Number N10

Lotus Quickr services for Enterprise Content Management

Lecture – Beginner

Jon Brunn, IBM Software Engineer

Learn how Lotus Quickr can complement your existing WebSphere Portal environment, by delivering support for collaborative content, and also integrating with your Enterprise Content Management System. Lotus Quickr will enable you to more easily expose business processes, records management, and content from your corporate information architecture. In this session we will explore how the Lotus Quickr connectors can simply expose content from Enterprise Content Management systems, and how you can reuse and remix that content into your Lotus Quickr places and personal content. You will learn both about the architecture of the integration and see live demos

of integrated ECM systems. Enterprise Content Management systems discussed will include FileNet P8, IBM Content Manager, and Documentum.

Session Number N11

Sametime 8 - Unified Communication and Collaboration for WebSphere Portal

Lecture – Beginner

Speaker: Volker Juergensen

Sametime 8.0.1 is the latest update to the Lotus Real-Time Collaboration product. Significant updates now position Sametime as the integration platform for IBM's Unified Communication and Collaboration (UC²) Strategy. The session will provide a product overview and roadmap as well as the integration technologies and options for WebSphere Portal. Some real-world examples and scenarios will allow the audience to understand the value add of real-time collaboration integration to portal solutions.

Session Number N12

Business Process Management (BPM) Made Easier – Looking forward with Lotus Forms and the IBM Business Process Accelerator

Lecture – Intermediate

Dave Manning, Development Manager and Senior Product Architect, Lotus Forms

The Business Process Accelerator (BPA) is a new IBM offering which combines the power and flexibility of IBM Websphere Portal with the intuitive, secure interface of IBM Lotus Forms in order to accelerate the automation of end-to-end business processes. Used in conjunction with IBM's industry-leading Business Process Management (BPM) offerings, the Business Process Accelerator can improve process efficiency, increase corporate agility and reduce the time-to-value on BPM initiatives.

In this session we will be previewing a reusable framework to facilitate the development of process portals based on the Business Process Accelerator (BPA). We will discuss the unique value of the BPA today and the direction the BPA is heading in the future.

At the heart of this presentation is the demonstration of an automated financial services use-case - the approval of an unsecured loan by a retail lending institution - using the new BPA framework. Throughout this demonstration, care will be taken to show the benefit the Business Process Accelerator can bring to any enterprise or government BPM initiative.

David Manning is a Development Manager and Senior Architect in the IBM Victoria Lab. As such he is responsible for managing the development of several components in the Lotus Forms portfolio. His responsibilities include the Workplace Forms Webform Server and the core Workplace Forms API.

David is an IT professional with more than sixteen years of experience in systems architecture, software development and project management. Prior to joining IBM in November 2005, David held a variety of positions including Development Team Lead for a leading health information services provider and CTO of PureEdge Solutions Inc. (PureEdge Solutions Inc was acquired by IBM in July, 2005 and became the IBM Lotus Forms product team.)

David is a recognized expert on XML, E-Commerce and Internet security and has spoken to many industry groups including: The Security Industry Association, Internet World, XML One and the Conference Board of Canada.

Session Number N14

WebSphere Portal Version 6.1 Enable for z/OS

Lecture - Beginner

Steffen Uhlig, IBM WebSphere Portal Software Architect, z/OS

WebSphere Portal provides foundation architecture and role-based end user features comprising an onramp to Service Oriented Architecture. With the new capabilities announced for WebSphere Portal Version 6.1 and the strengths of IBM's flagship mainframe operating system z/OS, customers can build and maintain complete WebSphere architectures that include WebSphere Portal, Web Content Management services and much more. The ability of z/OS to deploy and manage all of these components in a single runtime environment along with the platform's legendary near zero downtime combine to provide the ultimate customer application hosting platform.

Learn the technical details, innovations of the latest release, out look for future innovations and recommended practices to best manage your WebSphere Portal investment on z/OS from the WebSphere Portal for z/OS technical leaders.

Based in the IBM Böblingen Lab in Germany, Steffen is the architect for WebSphere Portal for z/OS. Before joining the development team, he was helping customers with portal architecture and development as part of Lab Services. Steffen has a degree in Communications Engineering from the Mittweida University of Applied Sciences, Germany, and The Robert Gordon University, Aberdeen, Scotland.

Session Number N15

Site Management: Flexible and fast staging-to-production operations in WebSphere Portal 6.1

Lecture - Intermediate

Falk Posch, IBM WebSphere Portal Software Engineer

Fast and easy staging-to-production becomes more and more important to reduce an organization's operating costs. The new Site Management features included with WebSphere Portal 6.1 is designed to better address these requirements, and enables fast and flexible staging-to-production operations, with rollback options. After a short overview about the currently available staging-to-production tools for WebSphere Portal, this session provides detailed information about the new Site Management feature. Managing sites is based on configurable, controlled processes. During this presentation the implementation of this process and the technical background will be explained. Further the different interfaces to access this functionality and some sample use cases will be presented. A demonstration concludes the session. In the end of this session you will understand which of the available scenarios should be applied to your specific requirements, and also how to best leverage the new Site Management feature, and to set up and manage the environment.

Session Number N16:

“Theme Me Up” Scotty!

Lecture – Intermediate

Axel Sass, IBM Lotus Technical Sales, Certified IT Specialist

Theme development, (oftentimes overlooked by your “hard-core” technical developers), is really one of the most challenging aspects to any Portal implementation. This presentation will step one through the process of creating a complex, highly personalized theme that will include a summation of many the customer theme requests that this particular instructor has had to address. It will introduce to you the new features of the Web 2.0 Theme in Portal 6.1 and also to the newly enhanced Theme Builder Portlet. Yes, the “look and feel” of your Portal is quintessential to a winning over Portal users. Hopefully, with the knowledge gained from this presentation, your Portal will rank as one of the “Top 10 Best Looking Portals of 2008/9”!

N18 Making Portals More Social with Lotus Connections Version 2

Lecture - Beginner

Chris Lamb, IBM Marketing Manager, Lotus Connections

Early generation portals were primarily looked upon as a delivery engine for content but as users have become more sophisticated and the scope of portals have become more diverse, social networking software has become a common and highly useful application to surface in portal sites. In this session learn how Lotus Connections 2 can propel the usage and adoption of WebSphere Portal 6.1 to an entirely new level; allowing users to discover expertise, connect to the right people so you can deliver results. Using examples from IBM's own experience as well as customers from different industries and countries, attend this session to get a better understanding of the what's, how's and why's of integrating Social Software into Portals.

Content Track: Business Impact

Session Number V01

Experiences with Web 2.0 Social Software

Lecture – Beginner

Stuart McRae, IBM Lotus Collaboration Strategy, North East Europe

The session looks at the adoption of social computing solutions within the enterprise. Social networking is, by definition, a collaborative activity and a natural application for an intranet, extranet or consumer portal. We will look at IBM's internal experiences of social software, and its "BlueIQ" project which is taking adoption to the next level. We will demonstrate the integration of these technologies into the next generation of IBM's internal employee portal as well as some of the innovative new ideas being piloted in IBM's technology adoption program. Finally the session will look at how Web 2.0 applications like these might be extended beyond the PC browser to mobile devices in the future.

Bringing Web 2.0 to the Portal isn't just about creating dynamic new user interfaces. It is also about connecting people to the expertise they need and enabling user generated content for better information sharing, all delivered through a service oriented model. Come and hear how you can use Portal to build a complete Web 2.0 environment for your enterprise.

Stuart McRae is the technical sales leader in North East Europe for Lotus Collaboration, Social Networking and the overall Lotus Vision & Strategy. He supports the IBM teams in the region with deep technical & strategic expertise, product roadmaps and complex/critical customer situations as well as marketing events and analyst/press briefings.

Session Number V02

WebSphere Portal and Lotus Mashups - How do they relate?

Michael Zink, Lotus Technical Sales Leader, North East Europe

IBM Lotus Mashups will provide a lightweight mashup environment for assembling personal, enterprise and Web content into simple, flexible, and dynamic applications. With Lotus Mashups, Web-savvy business users will be able to more easily create and share new applications that address

their immediate business needs. At the same time Mashups deemed valuable for a larger audience could be pushed out to portal for additional management and IT control, such as role-based security or rich personalisation services. Learn more about this exciting new product called Lotus Mashups. See before your eyes code snippets and how to assemble Mashups on the glass. Find out how you as a Portal user could benefit from this and understand the positioning of these two products.

Session Number V03:

Portal based Vision-In Approach to SOA

Lecture - Intermediate

Michael Mitterer, IBM Worldwide Business Assessment Manager

SOA is now widely adopted in enterprises as the de facto methodology for building loosely coupled services that align with business value. Portal technology has always been a significant user interface and presentation technology within an enterprise. There are a number of presentations and articles around how IBM Portal Technology is the "User Interface for a SOA".

In the past years, there has been work focused on leveraging Portal Technology as the entry point for SOA, in identifying key business services and assessing the overall SOA+Portal program. In this presentation we look at a new approach that has been successfully used at few major Insurance companies in the past several years by the authors of this paper. The approach is termed "Vision-In" Process to SOA.

The overall process consists of four steps. It starts with acquiring business requirements from executive stakeholders through a comprehensive series of interviews. From these interviews, key business benefits are extracted at the Line Of Business or corporation levels, and benchmarks of quantifiable value differentiating current and future state are defined. This is then followed by visualizing these benefits as business scenarios realized within a Portal Framework, using the WebSphere Portal Experience Modeler (this WPEM has been used in the past as a sales tool to build out "Day In the Life" demos). The deliverable from this is a functional set of demos (with Portal look and feel) that illustrate the stated business objectives. An Interaction Process Model is developed to illustrate the interactions between personas and to use simulation techniques to validate the value benchmark assumptions. The demo is then decomposed into a set of portlets that showcase the business functionality. These are then used to derive candidate services using a standard Service Identification methodology. The candidate services are then carried through standard Litmus Testing and subsequently Service Specification. These services are then prioritized based on the business benefits they cater to, as referenced by the portlets and the costs to derive them. The final step is to tie all the cost and benefits together through an ROI which assists with prioritization of service delivery. The ROI analysis uses the results from the simulation analysis and service development costs enabled through the Service Specification models. The result is a logical phased approach for delivery of services and foundational components through a portal, based on key scenarios that contributes the most benefit. This approach yields the best of breed of what SOA and Portal has to offer and a realistic offering around deriving the most business benefit for the given IT investment.

The presentation will not only introduce this new approach, but also walk through a customer case study (and demonstrations) and highlight key successes achieved at these customer engagements. Understand how you can leverage this detailed approach to ensure the right level of business value justification and ongoing organizational endorsements leading to successful implementations.

Session Number V04:

The WebSphere Portal Advantage in a Competitive Landscape

Lecture – Beginner

Michael E Craney, IBM Worldwide Sales Leader – WebSphere Portal Solutions

This session will start with a short history of WebSphere Portal and address the question as to why WebSphere Portal consistently attains the top ratings and marketshare evaluations in the Portal

market. The session will cover a brief overview of alternate portal products and focus on why buy rather than build a portal. We'll also talk about how customers are using WebSphere Portal to deliver value to their organizations and customers.

Content Track:
Customer Case Studies and Industry Solutions

Session Number S01

Leveraging WebSphere Portal and the Self-Service Accelerator to access SAP ERP system data at Sigma-Aldrich

Lecture - Beginner

Eric Boson, Global IT Collaborative and HR Solutions Group Manager, SIAL
Marty Lechleider, Program Director, Self-Service Accelerator, IBM Software Group

Sigma-Aldrich, a leader in life sciences and biotechnology was struggling with how to manage the human resources (HR) processes of a growing and geographically disperse workforce. Add to that the recent spree of acquisitions, and the HR/IS department was now grappling with a host of disparate systems. Enter IBM Lotus® Workforce Management, an employee and manager self-service solution, which enabled Sigma Aldrich to roll out an IBM WebSphere® Portal-based self-service application, which is tightly integrated with their SAP HR enterprise resource planning (ERP) system. During this webcast you will learn how Sigma-Aldrich unified its HR processes using WebSphere Portal and the IBM Self-Service Accelerator. You'll hear how they were able to quickly and seamlessly deploy a WebSphere Portal-based self-service solution, which is tightly integrated with their SAP system.

Eric Boson, Global I/S Collaborative and Human Resources Solutions Group Manager, SIAL

Eric is the Global Manager of the I/S Collaborative and Human Resources Solutions Group for Sigma-Aldrich. With over 15 years of experience at SIAL, he has worked in areas such as warehouse management, sales and distribution, finance, groupware, intranet, document management, and business intelligence and reporting. He has focused the majority of his time in recent years in the management of the global SAP HR implementation project and the coordination of all the other HR-related projects. Eric received his Bachelor of Science degree in Computing Science at the Staffordshire University in the UK.

Marty Lechleider, Program Director, Self-Service Accelerator, IBM Software Group

Marty is a product manager in the WebSphere Portal team at IBM where he is responsible for the new Self-Service Accelerator – IBM Workforce Management. With over 15 years at IBM, Marty has been involved in product management and marketing efforts for many Lotus and WebSphere branded products.

Session Number S04

Innovation with Integration: IBM's Next Generation Intranet Portal

Michael Van Der Meulen, STSM and Chief Architect, IBM Intranet Portal
Brian Olore, IT Architect, Workplace Innovation

Continuous innovation of IBM's enterprise portal, in a rapid, non-disruptive, evolutionary manner is a major goal of the "ODW Next" project. The On Demand Workplace (ODW) is IBM's single point of entry for employee intranet access (w3.ibm.com). It serves as the "front door" to IBM's internal transformation activities, providing a personalized work environment for more than 350,000 employees, in over 100 countries. The approach of ODW Next is to couple a live innovation platform - a "perpetual beta" - alongside the production environment, to obtain the maximum benefits of live usage and continuous feedback from a statistically significant number of global employees, while

minimizing risk to the steady state production systems. Come hear how IBM is using Portal 6.1 internally to implement large scale web 2.0 pilots. The session will include demonstration of a new scripting portlet and self-deployment model to show how "long tail" applications can be made available on the Workplace by business units, or any employee, in this new participatory portal.

Session Number S05

Building a worldwide learning community with WebSphere Portal and Lotus Connections at the University of London

Lecture – Intermediate

David Strachan, Open Logic

The University of London has 42,000 distance learning students throughout the world. Attend this session to learn how the University is using WebSphere Portal and Lotus Connections to enhance the students' learning experience, foster a sense of community, deliver new services and reduce costs.

The portal, implemented by business partner Open Logic, allows students to manage their personal records, participate in online courses, find and interact with each other. The range of available services will continue to grow as the portal is extended to include **SITS** integration for services such as fees payment and online course admissions.

Lead architect, David Strachan, explains how WebSphere Portal is used to achieve this by weaving together custom portlets, Lotus Connections, Domino e-Mail, Lotus Sametime, and how Tivoli Security products provide a firm foundation for future developments. He explains some of the challenges faced, lessons learned and future directions for this learning portal.

Session Number S06

Defra's Transformational Government Portal

Andrew Whitehouse, Business Solution Architect, Department for Food Environment and Rural Affairs (Defra)

Simon Greig, Senior IT Architect, IBM Global Business Services

The Department for Food Environment and Rural Affairs (Defra) is a UK central government department with a diverse business portfolio. Defra and IBM are partners for delivering a service oriented architecture (SOA) initially across three of the major Defra agencies. The 'window' into the SOA is a Portal solution based on WebSphere Portal Server. The Defra portal provides a combination of line of business applications and user centric cross line of business 'role based' applications.

This case study presentation will discuss the following topics:

- 1) Business Goals - the business background of Defra and how the portal fits into the overall IT strategy.
- 2) Solution outline - a high level technical summary of how WebSphere Portal Server is used by Defra to achieve the business goals.
- 3) Integration with the UK cross government portal strategy - How Defra's portal is able to participate in the UK Government's transformational government policy to provide citizen centric computing platforms.

Session Number S07

Delivering Flexible Business Services – the Lufthansa Portal Solution

Lecture - Intermediate

Gerhard Poul, IT Specialist, IBM Software Services for WebSphere

Lufthansa is one of the world's leading carriers and in 2003 faced an interesting challenge. While business on its website was growing it became clear that the existing infrastructure could not keep up with growth and still be cost-effective. Lufthansa chose IBM to provide a full solution including IBM Global Business Services, e-business Hosting Services, Software, and Hardware. Learn how IBM used WebSphere Portal to build a solution and get a look behind the scenes.

Gerhard Poul is an IT Specialist in IBM Software Services for WebSphere. He is a specialist for WebSphere Application Server on distributed platforms with knowledge in advanced scalability and performance topics. As a technical lead he was responsible for WebSphere operations and physical architecture of the Lufthansa.com Portal from early 2003 to late 2007."

Session Number S08

Providing a client and platform independent 'Single Point of Entry' across a decentralized international company: The Sapa Building system portal solution

Lecture - Beginner

Roderick Boekdrukker, IT Manager, Sapa Building System
Tom Bosmans, IBM Services

Sapa Building System was in need of fundamental information sharing, collaboration tools and communication management to effectively utilize existing assets and realize new business growth opportunities. Additionally Sapa wanted to provide a client independent platform available on any web browser from any location. The solution was IBM WebSphere Portal. Sapa now serves over 500 users across the Europe, Middle East and Asia, both internal and external clients and partners. Sapa are now adding customized portlets which serve HR, travel needs, a central technical database and collaboration between customers, customer service and quality control. (Employees at Sapa are now able to find information easily, share it with others flexibly and find people they didn't even know existed. All of this without touching their Inbox, and providing a far more productive day to day work environment.

Roderick Boekdrukker is IT manager at Sapa Building System, a division of Sapa (Aluminium Solutions, recently merged with Alcoa Profiles). Previously he was running IT projects across Sapa Group and his experience with diverse and decentralised organisations within the group have led him to IBM's Portal Environment.

Session Number S09

Centrelink's Digitisation Agenda: Breaking Down the Geographic Barriers

Lecture - Intermediate

Phill Bower, IT Manager and Digitisation Architect, Applications Infrastructure and Middleware Branch, Corporate IT Systems Division

Centrelink, which serves as the Australian Federal Department of Social Security, is undertaking the automation and digitisation of existing business processing allowing the Government to provide a customer centric model of Human Service Delivery enabling speed and decision making regardless of geography.

Centrelink's digitisation agenda not only includes the augmentation of existing capability to include business process management and collaboration tools, but also the development of methodologies that will enable business areas to develop and simulate formal business models for implementation by development teams.

Centrelink has implemented five portals, including the externally facing citizen portal and internal staff portal, using WebSphere Portal technologies. The latest implementation of the Staff Portal will

include interaction with Websphere product sets including WebSphere Portal, WebSphere Application Server, WebSphere Process Server, WebSphere Message Broker, WebSphere DataPower, WebSphere Business Monitor and collaboration tools Lotus Connections and Lotus Quickr.

This session will cover how Centrelink will expand and build upon existing capability to achieve a National Virtual Processing Platform to progress Centrelink's digitisation agenda. It will include the architectural approach taken, technologies used, also methodologies including the successes, pitfalls and traps discovered along the way.

Phill Bower has been managing the architecture and development of Centrelink's Portal projects for the past 5 years at Centrelink. He is currently the Digitisation Architect and was the Senior Solutions Architect responsible for the delivery, and Virtual Portals transition, of Centrelink's five (at present) Enterprise Portals. Phill has 10 years experience in IT and holds an industry certification in IBM Websphere Portal Solution Developer.

Session Number S10

Building a High Volume News Portal with Lotus Web Content Management and WebSphere Portal at Egyptian Radio and Television Union (ERTU)

Tamer Mahfouz, IT Architect, IBM Egypt - CTDC

The main goal of the presentation is to share with the audience the best practices and lessons learned from building a News portal site using WebSphere Portal and Lotus Web Content Management (WCM). Sharing the case study of the eGov engagement for the Egyptian Radio and Television Union (ERTU) News Sector, will provide the attendees with proven techniques for implementing a highly available and scalable content based portal solution.

The scope of the presentation will cover the business objectives, high-level solution and application architecture with emphasis on the approaches used to develop new custom content authoring tool in WCM tailored to the client needs in a highly available environment. This application uses WCM APIs and has its own caching layer to boost WCM presentation performance. In addition, the authoring web tier uses AJAX technology for partial page refresh, also increasing performance and user responsiveness.

The session will also cover how to enhance rendering performance using servlet caching and on-demand cache invalidation policy. We will shed light on the solution architecture single points of failure and how these were addressed. In addition, integration techniques with IBM Omnifind Enterprise Edition for search capabilities in WCM will be demonstrated.

Content Track

Birds-of-a-Feather Sessions

Session Number: G01

Discuss your WebSphere Portal 7 priority requirements

Hosts: Uwe Hansmann, Lauren Wendel

Bring your WebSphere Portal solution experiences and top requirements for discussion with the product release management team leads.

Session Number G02:

Lotus Quickr

Host: Thomas Schaeck, IBM Distinguished Engineer and Lead Architect Lotus Quickr and Web 2.0 Portal Development

Discuss your questions capabilities and future of the new Lotus Web 2.0 team collaboration solution with the Lotus Quickr lead architect.

Session Number G03:

Developing Applications with WebSphere Portlet Factory

Hosts: Tom Beauvais, Mike Bourgeois, Jason Cornell

Learn about best practices for developing portal applications using WebSphere Portlet Factory. Discuss your experiences and requests for future tool innovations to your peers and the IBM Websphere Portlet Factory team leads during this session.

Session Number G04:

Web Security in Lotus Mashups

Host: Stephan Hesmer,

Discuss your Mashup implementation questions and plans with a focus on managing security.

Session Number G05

Portal migration: Past, Present, and Future; A general discussion

Host: Rob Holt, IBM WebSphere Portal 6.1 Migration Technical Lead

Peter Libal, Mgr. Websphere Portal Customer Relations and Lab Services

Join us for a candid discussion to gather customer feedback on past experiences with the WebSphere Portal v6.0 migration, the present migration process for v6.1, and future directions.

Session Number G06

Deepening the integration of your Portal with Collaboration Software

Host: Stefan Liesche, IBM Chief Architect Portal and Accelerators, STSM

We are continuously exploring new ways of combining and integrating software components and capabilities with WebSphere Portal. And interestingly enough there are many things we can technically do, but would it make your work easier, would we target your painpoint? - Let us know and talk about where you see we should deepen integrations and what are the business scenarios that we could unlock for you.

Session Number G07

WebSphere Portal Support and Fixpack Strategy

Hosts: Thomas Hurek, IBM IBM WebSphere Portal Chief Programmer Fixpacks and Architectural Lead

Matthias Kubik, IBM WebSphere Portal Lead Technical Support Engineer

Come discuss your experiences leveraging many of IBM's technical support options and learn the best approaches to obtaining technical support and IBM's methodologies for planning maintenance fixpack releases. Learn of the latest initiatives including new iFix Central support for WebSphere Portal, and how you can benefit from and contribute to the quality of future WebSphere Portal support and fixpack initiatives.

Session Number G08

Electronic Forms and Business Process Product Feedback

Hosts : Bob Levy, Anthony Fiorot

Come meet the product managers for Lotus Forms and the Business Process Accelerator to voice your desires for future product capabilities. We will conduct a group requirements gathering and priority setting exercise in this group setting.

Session Number G09

Is Your Enterprise Ready for Social Software?

Hosts: Stuart McRae, Lotus Collaboration Strategy, North East Europe
Chris Lamb, Senior Marketing Manager, Lotus Connections

With Lotus Connections IBM is making social software ready for business. But is your business ready for social software? Come and discuss the issues around the adoptions of social networking within the enterprise with fellow attendees and IBMers who use these solutions every day.

Session Number G10

WebSphere Portal Staging-to-Production Strategies

Hosts: Walter Hänel, Matthias Kubik, Falk Posch

Come to this session to share your staging-to-production approach with others and the IBM WebSphere Portal technical leads and discuss issues you are facing along with proven approaches.

Session Number G11

Options for Portal site creation with Lotus Web Content Management (LWCM)

Host: Stefan Hepper, IBM WebSphere Portal and Web Content Management Architect

Discuss your experiences and consider upcoming options to better leverage LWCM for Portal site creation. See a preview of future integration designs to manage web content in the Portal.

Special Session:

Meet the Developers - Architect's Panel: October 8, 2008

Question and answer panel discussion with IBM WebSphere Portal and Lotus Product Architects:

You've had the opportunity to see, learn and obtain hands-on experience with the latest WebSphere Portal based products, solutions and technical strategies. And enhance your knowledge and skills to plan and manage your Portal implementations to grow your business. Attend this session for a lively, interactive panel discussion and share your experiences, insights and strategy questions with your conference colleagues and the IBM WebSphere Portal and Lotus product lead Architects and Software managers. You won't want to miss this session to add to your technical knowledge and deliver optimized IT solutions enabling you to further grow and innovate your business.

Panel Members: Gary Dolsen, John Alessio, Doug Geiger, Bill Swatling, Robert Will, Thomas Schaeck, Stefan Liesche, Stefan Hepper, Rebecca Buisan, Nicole Carrier, Ralf Grohmann, and Peter Libal

Technical Round-table Lunch Discussions

For many attendees, one of the Conference highlights is the opportunity to participate in topic-based discussions with fellow attendees and customer, IBM partner and product team experts. To facilitate these discussions, the conference is setting aside certain tables for "Technical Round-table Lunch Sessions".

Each day, sets of lunch tables in the [Restaurant Maritim](#) will be reserved for groups of attendees with similar interests to engage in focused conversations. You can identify the reserved tables by the sign placed in the middle of the table. The sign will indicate a topic of interest.

We encourage attendees with an interest in that topic area to sit at the table and participate in the discussion. This is a great way to exchange ideas, learn from the experience of peers, and provide input and suggestions for future directions.

Topics of Interest signs that you will find will include:

- Portal Administration
- Portal Analytics
- Portal Development tools
- Portal Performance
- Portal Security
- Web Content Management
- Document Management
- Dashboards and KPI's
- Mashup applications
- Mobile Portals
- Portal Governance Approaches
- Self Service
- Social Software
- Portal Standards: JSR 286, WSRP 2.0
- Web Site Design
- Web 2.0 Development
- zSeries and z/OS

Please note that this information is subject to change.

Reference the [WebSphere Portal Technical Conference Europe 2008](#) web site for updates and additional conference details: www.ibm.com/training/conf/europe/wp