

PROGRAM OF THE OW2 TechDay, Dec. 1, 2008

OW2 TechDay

Implementing the Agile Computing Infrastructure

OW2 TECHDAY AT A GLANCE

START	END	TOPIC	REMARK
09 :10	09 :35	Software development	Trustie
09 :35	10 :00	Application Server	JOnAS
10 :00	10 :25	Application Server	Springsource
10 :25	10 :50	Framework	Springsource
10 :50	11 :10	<i>Break</i>	
11 :10	11 :40	Identity management	FederID
11 :40	12 :10	Collaboration	XWiki
12 :10	12 :40	Portal	eXo Platform
12 :40	14 :00	<i>Lunch Break</i>	
14 :00	14 :30	Methodology	Open Wide
14 :30	15 :00	SOA	PEtALS
15 :00	15 :30	BPM	Bonita
15 :30	16 :00	Data Integration	Talend
16 :00	16 :20	Break	
16 :20	16 :50	SOA and BI	Spago
16 :50	17 :20	Integrated Solution	BI Initiative

09 :00 – 09 :10	Introduction, by Cédric Thomas, OW2 CEO
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Session 1 : Foundations

09 :10 – 09 :35	Trustie : the Software Factory for Trusworthy Software »,
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<i>Speaker</i>	Huaimin Wang, Professor, NUDT School of Computer
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<i>Abstract</i>	In recent Years, Open Source Software brought some new characteristics to software cooperative development, software resource sharing and trustworthiness assurance of software quality. Software cooperative development based on Internet and software reuse and a large-scale of resource repositories, now cooperative development became the critical approaches which will enhance the software development efficiencies and
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	<p>qualities, as well as reduce the development cost; the trustworthiness also became the focus of software qualities, which will emphasize the analyzing, measuring and application of the software development. This paper based on Trustworthy Software Production, Tools and Integration Environments, a 863 key project of China 11th Five-Year Plan, focused on ' cooperation, sharing and trustworthiness', illuminated the center ideas, critical technique approaches and the latest processes of constructing a trusted resource, sharing cooperative development production environment (Trustie) and supporting innovative software products developing towards the trustworthy software products.</p>
09 :35 – 10 :00	JOnAS 5: the flexible Java EE Server Platform
<i>Speaker</i>	François Exertier, Project Lead, Bull
<i>Abstract</i>	<p>This talk gives an overview of JOnAS, the Java EE 5 application server from OW2. JOnAS benefits from a large international users and developers community. The JOnAS 5 version and related OW2 projects, JASMINe and EasyBeans bring new answers regarding administration and development costs reduction, as well as new perspectives regarding non-stop self-healing application server for mission critical applications and ambient computing. Among the main innovative features, the OSGi kernel brings dynamism to services and server management, modularity, extensibility, and makes the application server administration easy. The EasyBeans EJB3 container provides breakthrough facilities for development and deployment. The JASMINe OW2 project provides tools for configuration, deployment and monitoring of complex distributed architectures like JOnAS clusters. JOnAS clustering solutions now address large scale deployment and dynamic reconfiguration. All three are open source projects hosted on OW2 and supported by a community of commercial companies and universities from Europe, Brazil and China. The capability to morph into a small footprint embedded server together with the bridge provided between Java EE applications and OSGi legacy services, will allow to support emerging application domains such as M2M, Home Automation and RFID.</p>
10 :00 – 10:25	dm Server Presentation
<i>Speaker</i>	Julien Dubois, Regional Director, SpringSource
<i>Abstract</i>	<p>Overview of SpringSource dm Server, a modular, OSGi-based Java server designed to run enterprise Java applications and Spring-powered applications with a new degree of flexibility and reliability. This session will feature a demo showing the core features of this new, Open Source (GPL v3) application server.</p>
10:25 – 10:50	The Spring Framework
<i>Speaker</i>	Julien Dubois, Regional, Director, Springsource
<i>Abstract</i>	<p>The Spring framework is the de facto standard for building modern Java and JEE applications. Widely used across the world, in all types of industries (finance, e-commerce, healthcare, gouvernement...), Spring has now become ubiquitous in today's enterprise applications. This talk will start with an overview of the Spring framework, showing its main benefits both from a developer and from an architect point of view. In a second part, it will focus on several other Open Source projects that are commonly used with Spring, like Apache Tomcat, Apache httpd, Spring Security and Spring MVC.</p>
10:50 – 11:10	Coffee break
Session 2 : User Essentials	
11:10 – 11:40	(Re)discovering authorization APIs and LDAP model binding
<i>Speaker</i>	Clément Oudot, Project Leader, Linagora
<i>Abstract</i>	<p>The management and the federation of identity covers new emerging needs related to the development and the dematerialization of services. FederID uses standards such LDAP and Liberty Alliance in order to provide a full solution for identity management and federation. More at http://www.federid.org.</p>
11:40 – 12:10	Wiki 2.0 : building applications right into your wiki

<i>Speaker</i>	Ludovic Dubost, CEO, XWiki
<i>Abstract</i>	<p>Wikis and CMS have proven themselves as the collaboration tool of choice for developers in a wide range of enterprises. But tools, currently used, often miss flexibility and their functional covering is insufficient for companies searching for powerful tools.</p> <p>XWiki proposes a powerful alternative to both of them by offering</p> <ol style="list-style-type: none"> 1) mechanisms of management of the access rights and of the contents of which are deprived the traditional wikis and 2) by providing a flexibility larger than that of the current CMS, which generally manage only structured data. <p>In this talk, Ludovic Dubost will show how XWiki can be used to build small applications (such as a FAQ or a product catalog) in no time. He will make a live demo of how such an application can be created in minutes, taking advantage of Java scripting languages such as Velocity & Groovy used on top of the java-based XWiki Open-Source wiki platform.</p>
<i>12:10 – 12:40</i>	Enterprise 2.0 Portals : What's New for Developers ?
<i>Speaker</i>	Tugdual Grall, VP Business and Product Strategy, eXo Platform
<i>Abstract</i>	<p>In this session, developers and architects will see how new generation portal can be used to create "Enterprise 2.0 Portal", based on latest Java APIS such as REST Services (JSR-311), Portlets (JSR-286/168, WSRP1/2) , JSR-170.</p> <p>But also, you will learn how with the Open Social API, or even simple HTML/Javascript to transform your Enterprise Portal in social platform to interact with your friends, colleagues, and business partners...</p>
<i>12:40 – 14:00</i>	Lunch break
Session 3 : SOA and Business Intelligence	
<i>14 :00 – 14 :30</i>	SOA in Action
<i>Speaker</i>	Marc Dutoo, Consultant, Open Wide
<i>Abstract</i>	<p>While SOA is at its roots built on decoupling and good practices, it is the opposite of a one-dimensional approach. In this presentation, we'll see how SOA actually puts face to face the diversity of information systems and the multiplicity of technologies, and how methodology asks for a unified SOA vision at solution market, business and technical levels.</p> <ul style="list-style-type: none"> * The many faces of SOA: a few use cases "from the trenches" * Back to SOA basics : SOA methodology 101 * Runtime platforms for SOA: a unified overview, choosing the right one * BPM and SOA: a match in heaven, the missing link * A concrete example, using Eclipse and OW2 components
<i>14 :30 – 15 :00</i>	SOA standards in Java : the best of both world Java™ Business Integration and Service Component Architecture
<i>Speaker</i>	Gael, Blondelle, CTO, EBM WebSourcing
<i>Abstract</i>	<p>The battle rages for a while between JBI and SCA supporters. But the fact is that the two standards don't deal with the same issues. JBI Specifies a container model for the deployment of integration components, and the description of interactions between them. It is all about connecting new protocols, routing, transforming, and orchestrating services in a loosely coupled manner. SCA, on the other hand, wants to make SOA development easier by providing a simple way to create composite applications.</p> <p>This talk presents the most important concepts of these technologies and then focuses on how JBI and SCA can work together and supplement each other. The session discusses how the intrinsic loosely coupled approach of JBI architectures can benefits to SCA composite applications.</p> <p>To show how JBI and SCA can be integrated, the session includes demos, using PEtALS (the OW2 community JBI compliant implementation) and Frascati a brand new SCA implementation.</p> <p>The presentation will refresh your knowledge about JBI and SCA and give you in depth knowledge of how you can leverage both open standards.</p>

15 :00 – 15 :30	Nova Bonita, Open Source BPM Solution
<i>Speaker</i>	Miguel Valdes Faura, Bull, BPM Manager
<i>Abstract</i>	<p>There are multiple process languages for BPM and Workflow out there. Up to now, the main focus was to build 'the best' process language. There is no sign yet that process languages are converging to each other in some way or another. So the new thing about Process Virtual Machine is the idea that different environments are best served with dedicated process languages</p> <p>This talk will show how both business analysts and developers can benefit from workflow, Business Process Management (BPM), and orchestration. We'll explain the core essence of workflow engines in simple terms, and how this can be leveraged in a Java environment. We will also introduce a revolutionary open source technology called The Process Virtual Machine.</p> <p>The Process Virtual Machine defines a generic process engine enabling support for multiple process languages (such BPEL, XPDL, JPDL...). On top of that, it leads to a pluggable and embeddable design of process engines that gives more modeling freedom to the business analyst. Additionally, it enables the developer to leverage process technology embedded in a Java application.</p> <p>The Process Virtual Machine the result of a collaboration between the leading open source communities, Red Hat (with JBoss jBPM) and Bull (with Bonita and Orchestra).</p>
15:30 – 16:00	Open Source BI, Geospatial, Data Quality and Data Integration platforms
<i>Speaker</i>	Cédric Carbone, CTO, Talend
<i>Abstract</i>	<p>This presentation will position the different Java open source components and show the benefits that these components are bringing compared to in-house development of the same features in Java. A special focus will be applied to the aspects related to data quality, data integration and reporting.</p> <p>A demonstration of the following products: JasperReport (JasperSoft), Birt (Eclipse), Mondrian (Mondrian), SpagoBI (Engineering Ingegneria Informatica), Spatial Data Integrator (CampToCamp) and Talend Open Studio (Talend) will illustrate this session and help to understand the complementarities of these components. An explanation will also be provided of how to integrate these products directly with Java code and via Web Services (in a SOA architecture).</p> <p>This presentation will also detail the work performed by OW2 Consortium BI Initiative.</p>
16:00 – 16:20	BREAK
16 :20 – 16 :50	What's New in Open Source BI and SOA?
<i>Speaker</i>	Davide Dalle Carbonare, Engineering Ingegneria Informatica s.p.a.
<i>Abstract</i>	<p>New features of SpagoBI and Spagic, two OS projects supporting Business Intelligence and Service Oriented Architecture environments, are being illustrated.</p> <p>The SpagoBI architecture has been redesigned in loosely coupled components compliant with the SOA paradigm. The new user interface provides all the characteristics of a web 2.0 rich internet application by leveraging the Ajax technology. Unique and innovative functionalities have been added to the platform : GEO engine, collaboration, metadata, subscription, personal folders.</p> <p>The Spagic project is now able to provide new ways for user interaction, manual and automatic event handling and digital signature. To follow the market needs it's now possible to interact with commercial solutions and mobile devices. Furthermore, other standards have been adopted.</p>
16 :50 – 17:20	OW2 BI Initiative Solution Stack
<i>Speaker</i>	Emma McGrattan, CTO, Ingres, Stefano Scamuzzo, BI Initiative Lead, Engineering
<i>Abstract</i>	<p>The OW2 BI Initiative is a joint effort of OW2 and non-OW2 members set up to improve the coordination effort in the Open Source Business Intelligence domain. The presentation illustrates the first deliverables of the Initiative both in the technological and non-technological area.</p>