JAZOON 2011
INTERNATIONAL CONFERENCE ON THE MODERN ART OF SOFTWARE

Keynotes & Special Events:
David Chappelle
Linda Rising
Jazoon Rookie Award
Simon Ritter
Pouline Middleton
Gianugo Rabellino

JUNE 21 - 23 · SIHLCITY · ZURICH · SWITZERLAND
**Conference schedule overview**

<table>
<thead>
<tr>
<th>Tuesday, 21-06-2011</th>
<th>Wednesday, 22-06-2011</th>
<th>Thursday, 23-06-2011</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Opening Session</strong></td>
<td><strong>Keynote</strong></td>
<td><strong>Keynote</strong></td>
</tr>
<tr>
<td>9:30 - 10:30</td>
<td>9:00 - 10:00</td>
<td>9:00 - 10:00</td>
</tr>
<tr>
<td><strong>Sessions &amp; Breaks</strong></td>
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</tr>
<tr>
<td>11:00 - 12:50</td>
<td>10:30 - 12:20</td>
<td>10:30 - 12:20</td>
</tr>
<tr>
<td>14:00 - 15:50</td>
<td>13:30 - 15:20</td>
<td>13:30 - 15:20</td>
</tr>
<tr>
<td>16:30 - 17:20</td>
<td>16:00 - 16:50</td>
<td>13:30 - 15:20</td>
</tr>
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<td><strong>Java [15]</strong></td>
<td><strong>Java [15]</strong></td>
<td><strong>Java [12]</strong></td>
</tr>
<tr>
<td><strong>MS [10]</strong></td>
<td><strong>MS [15]</strong></td>
<td><strong>MS [8]</strong></td>
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<tr>
<td><strong>SET [10]</strong></td>
<td><strong>SET [15]</strong></td>
<td><strong>SET [8]</strong></td>
</tr>
<tr>
<td><strong>Exhibition</strong></td>
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<td><strong>Exhibition</strong></td>
</tr>
<tr>
<td>12:50 - 17:30</td>
<td>12:20 - 17:10</td>
<td>12:20 - 16:00</td>
</tr>
<tr>
<td><strong>Keynote</strong></td>
<td><strong>Rookie Award</strong></td>
<td><strong>Closing Session</strong></td>
</tr>
<tr>
<td>17:30 - 18:30</td>
<td>17:10 - 18:40</td>
<td>16:00 - 16:50</td>
</tr>
<tr>
<td><strong>Jazoon Networking Party</strong></td>
<td><strong>Jazoon Attraction</strong></td>
<td><strong>Farewell !</strong></td>
</tr>
</tbody>
</table>

**Arena Floor Plan**

![Arena Floor Plan](image)
### Jazoon topics

<table>
<thead>
<tr>
<th>Track</th>
<th>DAY 1: Tuesday, 21-06-2011</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Java@Jazoon</strong></td>
<td></td>
</tr>
<tr>
<td>Java in The Cloud</td>
<td>This track covers the current and the road ahead for the essential Java technology -- the SE, Glassfish and more. Desktop Javaists should check out the topics in this track.</td>
</tr>
<tr>
<td><a href="#">Arena 5: Java x.1 Sessions</a></td>
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<tr>
<td>Java in The Enterprise</td>
<td>Are business-process engines worth the trouble? Find out in this track, along few other tricks of the trade useful in the enterprise environment.</td>
</tr>
<tr>
<td><a href="#">Arena 3: Java x.2 Sessions</a></td>
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<tr>
<td>Developer Toolbox</td>
<td>How can you streamline your development process? Does your currently configured IDE really help you achieve the most out of your work? This track looks at some of the tools that may help in an ever-changing collaboration environment.</td>
</tr>
<tr>
<td><a href="#">Arena 4: Java x.3 Sessions</a></td>
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<tr>
<td><strong>Microsoft@Jazoon</strong></td>
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<tr>
<td>Client &amp; Web</td>
<td>This track gives you an introduction and some good in-depth into Microsoft mainstream development technologies that help you create great client and web applications. Keywords: Silverlight 5, Multi-Touch, ASP.NET.</td>
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<tr>
<td><a href="#">Arena 6: MS x.1 Sessions</a></td>
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<tr>
<td>Cloud Computing</td>
<td>After David Chappell's introduction to cloud technologies, this track will dig into Microsoft Platform as a Service offer, the Windows Azure Platform. You will learn about the Azure services and how to make great use of them to rapidly develop and deploy elastic cloud applications that suit your business and financial requirements. Keywords: Windows Azure, SQL Azure, AppFabric.</td>
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<tr>
<td><a href="#">Arena 7: MS x.2 Sessions</a></td>
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<tr>
<td><strong>SET@Jazoon</strong></td>
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<tr>
<td>DSL and Usability</td>
<td>Bridging the gap between business and technology is still challenging. This track explores how domain specific languages and the focus on user centered design can help bridging this gap.</td>
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<tr>
<td><a href="#">Arena 8: SET x.1 Sessions</a></td>
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<tr>
<td>Testing and Quality</td>
<td>Creating high quality products is the goal of most companies. But how can this be achieved? There are diverse possibilities that allow to create, approve, and verify the quality of a system. This track elaborates how tests, metrics, and the focus on simplicity can help to increase the quality.</td>
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<td><a href="#">Arena 9: SET x.2 Sessions</a></td>
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</tbody>
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<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>Java@Jazoon</strong></td>
<td>The Java Ecosystem, Arena 5: Java x.1 Sessions</td>
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<td>This track covers the current and the road ahead for the essential Java technology -- the SE, Glassfish and more. Desktop Javaists should check out the topics in this track.</td>
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<td>This Mobile World, Arena 3: Java x.2 Sessions</td>
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<tr>
<td>Mobile computing is exploding. How long will it be before all phones are smartphones to some degree? Will smartphone-based applications overtake server or desktop market share? What is a developer to do in a world with multiple strong platforms with completely different technology stacks?</td>
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<tr>
<td>Data, Arena 4: Java x.3 Sessions</td>
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<td>Some people say that it is always &quot;all about the data&quot;. But if so, how should you access it, organize it, manage it, or query it? Is the relational model always best? Are consistency and durability always ensured with spanning platters? Find out more in this track.</td>
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<tr>
<td><strong>Microsoft@Jazoon</strong></td>
<td>Mobile, Core, and Languages, Arena 6 &amp; 7: MS x.1 &amp; MS x.2 Sessions</td>
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<tr>
<td>This day is dedicated to Microsoft's core technologies and languages, a must-have for every .NET developer. It covers the latest versions of Microsoft communication and ORM technologies, as well as not-to-be-missed speeches on parallel computing, F#, and the future of C# Sessions on Windows Phone 7 and HTML5 complete this day of key Microsoft development technologies.</td>
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<td><strong>SET@Jazoon</strong></td>
<td>Project management, Arena 8: SET x.1 Sessions</td>
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<td>As long as project management is based on command and control is only partially successful. Yet global and as well agile development requires participative leadership. In this track we explore how this changes project management.</td>
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<td>Agile Development, Arena 9: SET x.2 Sessions</td>
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<td>This year marks the tenth anniversary of the agile manifesto. Since the beginnings, where agile development concentrated mainly on small collocated teams a lot has changed. We want to take this track as an opportunity to discuss the state-of-the-art of agile development.</td>
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<td><strong>Java@Jazoon</strong></td>
<td>Java On The Web, Arena 5: Java x.1 Sessions</td>
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<tr>
<td>Can we improve the way we do web-apps with Java? This track looks at few major technologies and their roadmaps. If you feel are looking for how to be a more productive Java Web Developer, this track is for you.</td>
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<td>Spring-time, Arena 3: Java x.2 Sessions</td>
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<td>This track will look into the latest developments in the Spring technology stack. Find out how to integrate social networking services into your application and more.</td>
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<td>Security / Toolbox continued, Arena 4: Java x.3 Sessions</td>
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<td>What are the latest security threats targeting web apps and what measures can be used to guard against them? Also, a look at continuous integration: challenges on the larger scale.</td>
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<tr>
<td><strong>Microsoft@Jazoon</strong></td>
<td>Application Lifecycle Management ALM, Arena 6: MS x.1 Sessions</td>
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<td>This track is a great step into the world of Application Lifecycle Management (ALM) by Microsoft; for both .NET and Java developers. Agility, Testing, heterogeneous projects and continuous deployment are just a few highlights you will hear about. And – you will learn what a Java developer is doing at Microsoft. Keywords: VSTS, Team Foundation, SCRUM.</td>
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<td>In your Datacenter, Arena 7: MS x.2 Sessions</td>
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<td>If you intend to run your datacenter as a cloud infrastructure, or if you want to learn what's coming next with SQL Server, or if you want to exploit the capabilities of SharePoint within your intranet and maybe in the &quot;as a Service&quot; form, don't miss this track. Keywords: Private Cloud, SQL, SharePoint, Office365.</td>
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<tr>
<td><strong>SET@Jazoon</strong></td>
<td>Enterprise Architectures, Arena 8: SET x.1 Sessions</td>
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<tr>
<td>Nowadays there are not many standalone applications left. Most companies have therefore the need to integrate several diverse systems. In this track we elaborate how service oriented architecture and other means can help to create an enterprise architecture.</td>
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<td>Continuous Learning, Arena 9: SET x.2 Sessions</td>
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<td>The only constant thing is change. Yet change requires that we as individuals, as a team, as an organization learn continuously. In this track we focus among other things on techniques that enable continuous learning.</td>
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<td><a href="#">Arena 8: SET x.1 Sessions</a></td>
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<tr>
<td>9:30-10:30</td>
<td>Opening Keynote Jazoon’11</td>
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<tr>
<td>10:30-11:10</td>
<td>Platforms in the Cloud: Where Will Your Next Application Run?</td>
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<tr>
<td>11:00-11:50</td>
<td>Java 1.1 The Java EE 7 Platform: Developing for the Cloud</td>
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<td>11:00-11:50</td>
<td>Java 1.2 Integrating Activity into a larger application - a reality check</td>
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<td>Java 1.3 OSLC in action :: agile meets enterprise reality</td>
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<td>11:00-11:50</td>
<td>MS 1.1 Introducing Microsoft Silverlight 5</td>
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<td>11:00-11:50</td>
<td>MS 1.2 Introduction to the Windows Azure Platform</td>
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<td>11:00-11:50</td>
<td>SET 1.1 DSLs - State of the Art</td>
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<tr>
<td>12:00-12:50</td>
<td>Java 2.1 Economics of Cloud Computing</td>
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<tr>
<td>12:00-12:50</td>
<td>Java 2.2 (Business) Rules for the Internet of Things</td>
</tr>
<tr>
<td>12:00-12:50</td>
<td>Java 2.3 Flexible software analysis with Moose</td>
</tr>
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<td>MS 2.1 Building Line of Business solutions with Microsoft Silverlight 5</td>
</tr>
<tr>
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<td>MS 2.2 Java Applications on the Windows Azure Platform</td>
</tr>
<tr>
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<td>SET 2.1 From User Story to Automated Integration Test via DSL</td>
</tr>
<tr>
<td>14:00-14:50</td>
<td>Java 3.1 Know your cirrus from your cumulus: how clouds differ beyond cost and speed and how that affects you</td>
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<tr>
<td>14:00-14:50</td>
<td>Java 3.2 When To Use SOAP And When REST</td>
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<tr>
<td>14:00-14:50</td>
<td>Java 3.3 Eclipse Mylyn: Redefining the &quot;I&quot; of the IDE</td>
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<tr>
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<td>MS 3.1 Developing Multi-Touch Applications in .NET</td>
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<td>MS 3.2 Connecting Companies in the Cloud: The Windows Azure Service Bus and Access Control Services</td>
</tr>
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<td>SET 3.1 Efficient UML: from Anti-Patterns to Best Practices</td>
</tr>
<tr>
<td>15:00-15:50</td>
<td>Java 4.1 Java Security Trends: How to Leverage Growing Security Trends in Building Trust into Your Java Applications</td>
</tr>
<tr>
<td>15:00-15:50</td>
<td>Java 4.2 Smart Enterprise Application Integration with Apache Camel (Live-Demo)</td>
</tr>
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<td>15:00-15:50</td>
<td>Java 4.3 Xtext 2.0 - DSLs unleashed</td>
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<td>MS 4.1 From 0 to 100 in .NET (1)</td>
</tr>
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<td>15:00-15:50</td>
<td>MS 4.2 By by relational database and ACID-transactions: An introduction into BASE and NoSQL by the example Windows Azure Storage Services</td>
</tr>
<tr>
<td>15:00-15:50</td>
<td>SET 4.1 Making Complex Matters Easy to Grasp: Project Management with User-Centered Design</td>
</tr>
<tr>
<td>16:30-17:20</td>
<td>Java 5.1 Are You a Service Provider?</td>
</tr>
<tr>
<td>16:30-17:20</td>
<td>Java 5.2 jBPM5 and Drools in Real Life</td>
</tr>
<tr>
<td>16:30-17:20</td>
<td>Java 5.3 Mobile Application Development at Credit Suisse Toby Weston</td>
</tr>
<tr>
<td>16:30-17:20</td>
<td>MS 5.1 From 0 to 100 in .NET (2)</td>
</tr>
<tr>
<td>16:30-17:20</td>
<td>MS 5.2 Inside the Windows Azure Datacenters - A Day in the Microsoft Cloud</td>
</tr>
<tr>
<td>16:30-17:20</td>
<td>SET 5.1 Cross-Platform Mobile Development with Eclipse</td>
</tr>
<tr>
<td>17:30</td>
<td>Evening Keynote Day 1</td>
</tr>
<tr>
<td>18:30</td>
<td>Simon Ritter, Oracle Corporation - USA</td>
</tr>
<tr>
<td>18:30-21:00</td>
<td>Jazoon Networking Event</td>
</tr>
</tbody>
</table>
**Wednesday, 22 June 2011**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00</td>
<td>Keynote Day 2 Jazzoon’11</td>
</tr>
<tr>
<td>10:30-11:20</td>
<td>Java 6.1, Java SE: The Road Ahead, Danny Coward</td>
</tr>
<tr>
<td>10:30-11:20</td>
<td>Java 6.2, Cross-platform mobile application development, Christof Dornbierer, Jelen Ong</td>
</tr>
<tr>
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<td>Java 6.3, NoSQL - Schemless Data-stores Not Only for the Cloud, Thomas Schank</td>
</tr>
<tr>
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<td>MS 6.1, Developing for WP7 - Overview, Laurent Bugnion</td>
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<td>MS 6.2, Tower Of Babel: Programming Soap Interoperable Services, REST and oData Services, Peter Laudati</td>
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<td>Java 7, GlassFish 3.1 and Visage, Rene Mas</td>
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<td>MS 7.2, Entity Framework in the Real World, Rowan Rowan</td>
</tr>
<tr>
<td>12:20-13:30</td>
<td>Lunch Break</td>
</tr>
<tr>
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<td>Java 8.1, JavaFX 2.0 - With Alternative Languages, Jerome Dochez</td>
</tr>
<tr>
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<td>Java 8.2, Cross Device Development with Appcelerator Titanium, Kejo Starosta, Thilo Tanner</td>
</tr>
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<td>Java 9.1, Glassfish community update - Jerome Dochez</td>
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<td>Java 9.2, Visage Android - Cleaner UIs, Stephen Chin</td>
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<td>Java 9.2, Phono - A modular extensible tool for testing location-based services, Benoît Garbinato, Philippe Merilees</td>
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<td>Java 10.1, Compositional CRUD: A novel approach for doing CRUD in Enterprise/SOA Environments, Rene Mas, Thipor Kong</td>
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<td>Java 10.2, Near Field Communication with Android, Dominik Gruntz</td>
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<td>Java 10.3, Mapping, GIS and geolocating data in Java, Joachim Van der Auwera</td>
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<td>MS 10.2, An overview of Internet Explorer 9, Microsoft’s first HTML5 browser, Sascha Corti</td>
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<td>MS 10.2, The Alpine Style - Andreas Fuhrer, Andreas Gutwening</td>
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<td>18:40</td>
<td>Tired of SVN? Pimp your productivity with Git, Gerrit, Hudson and Mylyn, Benjamin Muskalla, Tasktop Technologies, Germany</td>
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<td>18:40</td>
<td>REST in peace: a handbook of software waste, Alessandro Nadalin - DNSEE, Italy</td>
</tr>
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<td>18:40</td>
<td>Project FoX: A Tool That Offers Automated Testing Using a Formal Approach,ivo Neskovic - CITY College Thessaloniki, an International Faculty of the University of Sheffield</td>
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<td><strong>Thursday, 22 June 2011</strong></td>
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<td>9:00</td>
<td><strong>Keynote Day 3 Jazoon’11</strong></td>
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<td>10:00</td>
<td><strong>Behind the scenes: Microsoft and Open Source</strong></td>
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<td><strong>The Life and Times of a Java Developer Should Know About Application Security</strong></td>
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<td><strong>Tricks of the Trade - What Every Developer Should Know About Application Security</strong></td>
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<td>10:30-11:20</td>
<td><strong>Building solutions on the SharePoint 2010 Platform</strong></td>
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<td>11:30-12:20</td>
<td><strong>The Life and Times of a Java Developer at Microsoft Corporation</strong></td>
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<td>12:20-13:30</td>
<td><strong>Lunch Break</strong></td>
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<td>13:30-14:20</td>
<td><strong>Using GWT to build cross-domain embeddable web applications</strong></td>
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<td>13:30-14:20</td>
<td><strong>OSGi Best Practices</strong></td>
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<td><strong>Running continuous integration for 400 projects: Lessons learned and challenges</strong></td>
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<td><strong>Testing - Bridging the gap between developers and testers</strong></td>
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<td><strong>Overview of Microsoft Datacenter and Private Cloud management solutions</strong></td>
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<td><strong>Evolving Software Architecture</strong></td>
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<td><strong>From Backlog to Continuous Deployment with Visual Studio 2010</strong></td>
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<td><strong>How to become a famous author and publish a book: Using Freemium Content with a Profit</strong></td>
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<td>14:30-15:20</td>
<td><strong>Scaling Scrum in a software service company</strong></td>
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<td><strong>Web Security: Develop, Penetrate, Smile</strong></td>
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<td><strong>From Backlog to Continuous Deployment with Visual Studio 2010</strong></td>
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<td>14:30-15:20</td>
<td><strong>Migrating a legacy distributed database</strong></td>
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<td>15:20-16:00</td>
<td><strong>Afternoon Break</strong></td>
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<td><strong>Closing Keynote Jazoon’11</strong></td>
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<td>16:50</td>
<td><strong>How to become a famous author and publish a book: Using Freemium Content with a Profit</strong></td>
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Farewell and we will welcome you at Jazoon’12
Keynote Speakers

**Linda Rising**
Independent

Cognitive scientists tell us that we are more productive and happier when our behavior matches our brain’s hardwiring—when what we do and why we do it matches the way we have evolved to survive over tens of thousands of years. One problematic behavior humans have is that we are hardwired to instantly decide who we trust. And we generally aren’t aware of these decisions—it just happens. Linda Rising explains that this hardwired “trust evaluation” can get in the way of working well with others. Pairing, the daily stand-up, and close communication with the customer and others outside the team go a long way to overcome our instant evaluation of others. As Linda helps you gain a better understanding of this mechanism in your behavior and what agile processes can do to help, you are more likely to build better interpersonal relationships and create successful products.

**Gianugo Rabellino**
Microsoft, USA

The world has changed, and so has Microsoft: we are open, more open than you may think. It’s time to take a look behind the scenes and understand the many reasons why we are evolving towards openness. This keynote will walk you through our journey toward openness and share the thought process that lies behind these profound, and evolving, changes.

**Pouline Middleton**
FictionWorks, Denmark

A presentation of a three year project on how the writer Pouline Middleton uses the internet to increase the value of her erotic capital, writes a novel based on the experiences, and tests a new business model for online distribution of fiction.

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**Platforms in the Cloud: Where Will Your Next Application Run?**

**David Chappell**
Chappell & Associates, USA

Opening Keynote
Tue, 21 June 2011 / 9:30-10:30 / Arena 5

Cloud computing is the biggest change to hit our industry in many years. An important part of that change is cloud platforms, which provide a new foundation for building and running applications. In this keynote presentation, David Chappell will describe what cloud platforms are and why they’re so important. He’ll also compare today’s leading cloud platforms, including Amazon Web Services, Microsoft Windows Azure, and Google App Engine. The goal is to help you understand and make better decisions in this important new area.

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**From Oracle Corporation, United States of America**

**Simon Ritter**
Oracle, USA

Evening Keynote Day 1
Tue, 21 June 2011 / 17:30-18:30 / Arena 5

The world has changed, and so has Microsoft: we are open, more open than Simon Ritter is a Java Technology Evangelist at Oracle Corporation. Simon has been in the IT business since 1984 and holds a Bachelor of Science degree in Physics from Brunel University in the U.K. Originally working in the area of UNIX development for AT&T UNIX System Labs and then Novell, Simon moved to Sun in 1996. At this time he started working with Java technology and has spent time working both in Java technology development and consultancy. Having moved to Oracle as part of the Sun acquisition he now specialises in looking at emerging technologies including cloud computing, wireless sensor networks, and gestural interfaces.

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**Who do You Trust? Beware of Your Brain**

**Linda Rising**
Independent

Opening Keynote Day 2
Wed, 22 June 2011 / 9:00-10:00 / Arena 5

Cognitive scientists tell us that we are more productive and happier when our behavior matches our brain’s hardwiring—when what we do and why we do it matches the way we have evolved to survive over tens of thousands of years. One problematic behavior humans have is that we are hardwired to instantly decide who we trust. And we generally aren’t aware of these decisions—it just happens. Linda Rising explains that this hardwired “trust evaluation” can get in the way of working well with others. Pairing, the daily stand-up, and close communication with the customer and others outside the team go a long way to overcome our instant evaluation of others. As Linda helps you gain a better understanding of this mechanism in your behavior and what agile processes can do to help, you are more likely to build better interpersonal relationships and create successful products.

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**Behind the scenes: Microsoft and Open Source**

**Gianugo Rabellino**
Microsoft, USA

Opening Keynote Day 3
Thu, 23 June 2011 / 9:00-10:00 / Arena 5

The world has changed, and so has Microsoft: we are open, more open than you may think. It’s time to take a look behind the scenes and understand the many reasons why we are evolving towards openness. This keynote will walk you through our journey toward openness and share the thought process that lies behind these profound, and evolving, changes.

---

**How to become a famous author and publish a book: Using Freemium Content with a Profit**

**Pouline Middleton**
FictionWorks, Denmark

Closing Keynote
Thu, 23 June 2011 / 16:00-16:50 / Arena 5

A presentation of a three year project on how the writer Pouline Middleton uses the internet to increase the value of her erotic capital, writes a novel based on the experiences, and tests a new business model for online distribution of fiction.
Abstract.
"User-centered design (UCD) focusses on identifying the core goals and issues of complex projects. Taking the users’ perspective into account at a very early stage is crucial: the entire specifications are driven by the future interactions of the real users, not by lists of prioritized functionalities. At the beginning of a project, the essential use cases and functionalities.

prototypes are rich in detail and implementation partners verify the concept regarding completeness, ...".

Scaling Scrum in a software service company

Baumann, Marcel
bbv Software Services AG

"Quite a few companies have successfully used Scrum approach to successfully develop new applications. The news spread out through the company and everybody wants to use Scrum in projects. What must change in a development department and in the company to provide an optimal ground for Scrum projects? Can we really maintain applications with Scrum? How is controlling and tracking done at departmental and at company level? We present the mechanisms we introduced in a 125 persons software service company which uses Scrum for all new projects. We show what we changed in the company processes to empower the Scrum teams. The approach for controlling and tracking project...".

Migrating a legacy distributed database

Benoist, Emmanuel
Berner Fachhochschule

"Data are the major asset of a company or an institution. Even if after years of usage on a legacy system they are not in the best shape, they have to be handled with utmost care. We would like to share our experience of a switchover of an Web application using a distributed database. We run a platform supporting medical registries for various partner institutions from many countries of the world. Because of special privacy requirements, identity related information is physically separated from the anonymized medical case data. Identifiable data are stored on the servers of our partners, and medical...".

Efficient UML: from Anti-Patterns to Best Practices

Bartkevicius, Rokas
No Magic Europe

"Although UML is recognized as de facto standard in software modeling, it also receives a lot of criticism for being too complicated and difficult to apply. Modeling is still immature discipline and misuse of UML is very common in practice. Mainly due to inefficient use of UML, model-driven development is far from becoming a mainstream. Therefore it is necessary to share and adopt best practices that enable efficient UML. However, best practices are not convincing if you are not aware what happens if you don’t follow them. People learn best from mistakes. Therefore, in this session we will discuss modeling best practices starting from modeling anti-patterns that are collected from 7 year...".

Cross-Platform Mobile Development with Eclipse

Behrens, Heiko
items AG

"Developing great apps for mobile platforms like Android, iOS or mobile web is a challenging task. Not only do you have to take into consideration the limited resources your app has at its disposal, you also have to follow the established UI idioms - which may differ on the respective platforms. In this session, we will demonstrate how you can build mobile apps with tools from the Eclipse ecosystem. Based on real-world examples we will present a domain-specific language we used to mobilize enterprise systems or to create the official Eclipse Summit Europe conference app (http://bit.ly/ese_app_de). What’s more, we will show you how to overcome the...".

Economics of Cloud Computing

Brazile, Jason
Netcetera

"One of the primary principles behind why the cloud computing model is disruptive in its economic potential is due to the economies of scale involved. The combination of massive, densely packed data centers running automatically managed, self-service provisioned, virtualized and standardized environments together with statistically smoothed out demand, aggregated over potentially millions of users, drops per user per annum costs low enough to even be potentially covered entirely by advertising revenue i.e. free to the end-user. In this talk, you will learn about the important concepts on the supplier side: pay-as-you-go, multi-tenancy, ...".

Spring 1.1 in a Nutshell

Brannen, Sam
Swiftmind GmbH

"Spring 3.1 introduces several eagerly awaited features including bean definition profiles (a.k.a., environment-specific beans), enhanced Java-based application and infrastructure configuration (a la XML namespaces), a new cache abstraction, MVC improvements, and conversation management. This session will provide attendees an in-depth look at these major new features as well as an overview of additional enhancements to the framework such as the new c: namespace for constructor arguments, updates regarding Servlet 3.0 and JSF 2.0 APIs, improved Groovy scripting...".

SQL Server – scaling from the small device up to the mission critical datacenter

Breu, Roger
Microsoft Switzerland

“Today’s organizations need easily accessible and readily available business data so that they can compete in the global marketplace. In response to this need, relational and analytical databases continue to grow in size, embedded databases ship with many products, and many companies consolidate servers to ease management concerns. Companies must maintain optimal performance while the data environment continues to grow in size and complexity. This session provides an overview of the performance and scalability capabilities of SQL Server 2008 R2 and beyond to address these challenges...".
“For some time, application development for a large crowd typically meant writing a web application running in one of the desktop browsers. With the emergence of mobile devices, native applications became more popular. Unfortunately there is no ONE development model that works on all of them. It’s particularly a pity that Java, by design device-independent, cannot be run on all of these devices. We believe that the situation is nevertheless not so bad for the Java developer and present an approach to target these devices that allows sharing most of the code among the platforms.”.

The release of the Windows Phone 7 operating system in 2010 opened up exciting perspectives for all .NET developers. In this session, Laurent will introduce the WP7 development tools and practices to help you create your first apps.

“Evolving Software Architecture Software Architecture using and MDSD (Model Driven Software Development) has become mainstream, so have agile methods. But despite the many advances in the field, evolving software is still a big challenge: many software projects fail the promise to deliver true software that can be extended and modified according to the ever-changing business needs. This talk addresses the challenge of evolving software, looks at current approaches and their shortcomings, and lays out an approach to design and implement "Evolving Software Architecture". The shown approach makes...”.

Building on the foundations of the "Windows Phone 7 Overview" session, Laurent will take you for a ride in advanced topics related to Windows Phone 7 development. With many samples, we will see how to preserve an app’s state, how to connect to web services (WCF and REST) and many other exciting topics!

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“The two year gestation period for JSF 2.0 was filled with lots of navel gazing about what makes a web developer productive. This presentation will leave attendees with several concrete ideas to take home to their JSF projects. Audience: Advanced Java Web Developers. * It’s easy to be productive with JSF, for green-field and brown-field applications. * The oft-touted advantages of so-called “light weight” frameworks can also be realized with JSF. It is possible to: - completely eliminate the redeployment step - get the best of both worlds from the dynamic language and the statically-typed language camps...”.

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This talk will show use cases for when and how to use either SOAP protocols or the REST architecture to build Java applications. It will also discuss interoperability with non-Java frameworks. For each use case, it will show Java programming models from the JAX-WS and JAX-RS specifications. Where those specifications do not cover a feature (e.g., WS-Security) we will show examples from popular Java WS implementations (e.g., Metro, Jersey). By the end of this talk the developer will know when to use SOAP or REST, will know which features within each model to use and the Java programming models for...”.

“From 0 to 100 in .NET (1)”

This 2 part TechTalk is an introduction and overview of technologies and platform frameworks in the .NET world for non-.NET developers. This intro will lift you from zero .NET knowledge and give you a good overview of the entire platform which can be very beneficial in this "new" era, where one cannot choose to utilize strictly one technology or the other, but have to understand both worlds to make the best decision. You will learn the powerful and productive way to build an end to end solution with the technologies that the .NET platform has to offer today. Using plenty of live demos, we will show how to build a UI with ASP.NET, WCF, ADO.NET &...
Chin, Stephen
GXS, Inc.

Java 2.0 is the next version of a revolutionary rich client platform for developing immersive desktop applications. One of the new features in JavaFX 2.0 is a set of pure Java APIs that can be used from any JVM language, opening up tremendous possibilities. This talk will demonstrate the future potential of using JavaFX 2.0 together with alternative languages including Groovy, Clojure, Scala, Fantom, and Visage.

Visage Android - Cleaner APIs, Cleaner UIs

Chin, Stephen
GXS, Inc.

"Visage is the successor to the JavaFX Script Language, a domain-specific language for writing UIs. It excels at rapid application design and can be used on any platform that supports Java.

In this session you will learn how to supercharge your Android development by using Visage to create declarative UIs. Visage Android exposes the full set of Android APIs, allows you to mix Java and Visage code in the same application, and generates code that deploys to and runs on Android mobile devices."

Microsoft Client Technologies Overview - Today and Tomorrow

Corti, Sascha
Microsoft Switzerland

"Windows runs on a very broad range of devices today, from Windows CE on tiny applicances to Windows Phone 7, the new mobile platform for Windows devices to Windows 7 that operates not just laptops and desktops but also the new, multi-touch enabled mobile device. This talk will introduce you to Windows 7, the new platform for mobile phones to Windows 7 that helps debugging them using the new "F12" developer tools. On the other hand we will show you a few Internet Explorer 9 specialties such as the "Pinned Sites", allowing you to integrate your website with the Windows 7 taskbar and start menu, without breaking them for other platforms.

In this session, we will show you what the new Internet Explorer 9 has in store for web developers. On one hand, you will see how Internet Explorer 9 supports HTML5 and enhances its performance with the new Chakra JavaScript engine that compiles JavaScript into native code and the hardware accelerated graphics engine that will boost the performance of your SVG and Canvas elements and help debugging them using the new "Click" developer tools. On the other hand we will show you a few Internet Explorer 9 specialties such as the "Pinned Sites", allowing you to integrate your website with the Windows 7 taskbar and start menu, without breaking them for other platforms.

GlassFish community update

Dochez, Jerome
Oracle

"In this talk, GlassFish 3.1 will be presented. GlassFish 3.1 is the first full Java EE 6 clustered application server released. Notable features include clustering, session replication for high availability, application deployment versioning as well as a new administration backend for clustering that allows high number cluster size deployment. Demos of the main features will be provided if time permit. Other GlassFish community update will include the GlassFish site move to a new hosting site (Kermit) where new services like JIRA are used for participating to GlassFish."
### Cross-platform mobile application development

**Dornbierer, Christof**  
AdNovum Informatik AG  
*Wed, 22 June 2011 / 10:30-11:20 / Arena 3*

“Smartphones are one of the hottest growth sectors in consumer electronics today. Driven by Apple’s efforts to make smartphones available for a broader audience, the Android project “application development” for these devices becomes more and more important. Individual developers, startup companies and even big enterprises are calling for mobile applications to access their services. Mobile application stores are springing up like mushrooms, making deployment and distribution of applications easier than ever. But one problem persists: the diversity and fragmentation of the smartphone platform market make it nearly impossible to write applications that will run on every device.”

**Efftinge, Sven**  
Itemis AG  
*Tue, 21 June 2011 / 15:00-15:50 / Arena 4*

“Whenever important information is scattered across your code base and its hardly possible to define a sensible API for a central aspect of your system, you should really consider to use a domain-specific language (DSL). Development of DSLs is straightforward and fun - at least with Xtext!

Xtext is an award-winning Eclipse.org project for the development of DSLs and general purpose programming languages. It comes with rich abstractions to implement parsers, linkers and compilers and provides a fully-fledged Eclipse-based IDE for your language. Xtext is widely used in industry for all kinds…”

### Agile Software Development for Distributed Teams

**Eckstein, Jutta**  
Independent  
*Wed, 22 June 2011 / 16:00-16:50 / Arena 8*

“A lot of people still believe that agile software development is for small and co-located teams only. However, the agile value system and the principles as stated in the agile manifesto don’t argue about project size and distribution. In this course attendees will learn about the key success factors for distributed (and maybe even large-scale) software development.

The focus will be on how to apply agile processes in a distributed setting and how to establish and preserve a common development culture. Participants will learn how to adapt both simple agile practices like a Daily Scrum (also known as: daily stand-up meeting)…”

### Introduction to the Windows Azure Platform

**Epperecht, Michael**  
Microsoft Switzerland  
*Tue, 21 June 2011 / 11:00-11:50 / Arena 7*

“In this overview, Michael Epperecht will provide an architectural introduction to this technology family, including Windows Azure, SQL Azure, Windows Azure AppFabric and the Windows Azure Marketplace DataMarket. He’ll also walk through the Windows Azure Programming Model and the main customer scenarios for using this new cloud platform. The goal is to provide a big-picture overview of the topic.”

### Inside the Microsoft Datacenters - A Day in the Microsoft Cloud

**Epperecht, Michael**  
Microsoft Switzerland  
*Tue, 21 June 2011 / 16:30-17:20 / Arena 7*

Microsoft delivers a complete cloud offering—the infrastructure, the application platform, and productivity applications—all delivered on tap. But how does it go about managing the day-to-day operations, Efficiency & Sustainability, Reliability, ROI & TCO, Security, Privacy & Compliance? This session will give a behind-the-scenes look at how Microsoft builds, manages and secures it data centers and how you can future-proof your investments as cloud computing evolves.

### Overview of Microsoft Datacenter and Private Cloud management solutions

**Erlacher, Markus**  
Microsoft Switzerland  
*Thu, 23 June 2011 / 13:30-14:20 / Arena 7*

Join us for an overview of how Microsoft’s cloud and datacenter management solutions can help your IT organization embrace private and public cloud computing, thereby enabling you to deliver IT as a Service to your business. You will experience in-depth conversations and demonstrations – think about core IT operations scenarios like provisioning your applications/infrastructure, service management, datacenter & cloud automation, in-depth application monitoring. You will walk away with a mental map of your organization’s own unique journey to the cloud and IT operations management’s crucial role towards realizing your vision!

### Six Sigma for Software for Agile Teams

**Fehlmann, Thomas**  
Euro Project Office AG  
*Wed, 22 June 2011 / 11:30-12:20 / Arena 7*

“There is an ongoing and lively discussion on best practices in software development. Many agree that agile software development methodologies make good use of them – but how can the best practices in agile software development be measured quantitatively? Measurements for agile software development need not be invented from scratch but are readily here, available to everybody.

Six Sigma is known for its ability to eliminate defects using statistical methods. However, software processes are executed once, and the results are the final output. Software is therefore not suitable to the statistical methods used for predicting manufacturing…”

### Building solutions on the SharePoint 2010 Platform

**Feldkamp, Olaf**  
Microsoft Switzerland  
*Thu, 23 June 2011 / 10:30-11:20 / Arena 7*

“SharePoint 2010 is much more than a business collaboration solution. It’s a platform to build collaborative solutions in an efficient way. In this session you will learn how you can integrate external data sources into SharePoint, develop your own web parts and create great user experiences. You will also get an overview of some of the new SharePoint service applications like Word Automation Services and the available toolset including SharePoint Designer and Visual Studio.”
The Alpine Style

Fuhrer, Andreas
Swiss Federal Railways SBB

“Years ago, the Swiss Federal Railways SBB suffered some unpleasant experiences with large-scale IT innovation projects: business needs turned out to evolve continuously. The bulky waterfall model failed, projects struggled. Why? Functional innovations influenced business practices, resulting in lifting process paradigms and shifting requirements. But IT innovations were fundamental to deal with the dramatic traffic growth in public transport. How to cope with a fickle business? SBB made a virtue of necessity and applied a kind of "alpine style" for a number of larger innovation projects. In mountaineering, the "alpine style" refers to a lean and agile manner of...”

Join: Gutweniger, Andreas
Swiss Federal Railways SBB

Office 365: Developing for SharePoint Online

Feldkamp, Olaf
Microsoft Switzerland

“SharePoint Online is a cloud-based service, hosted by Microsoft, for business of all sizes. But it’s not just an online collaboration solution; it allows a lot of customization through the browser and SharePoint Designer. Additionally, you can now develop your custom solutions using Visual Studio on top of the platform. In this session you will learn about the developer features that are coming to SharePoint Online, which include sandboxed solutions like web parts, Silverlight web parts, and custom workflows.”

Join: Heiko Behrens
itemis AG

Hibernate OGM {Object Grid Mapper}

Ferentschik, Hardy
RedHat

“OGM is the latest experimental project within Hibernate. It is a crossover trying to combine relational persistence with key values stores. The idea is to keep existing JPA usage patterns, but replace the traditional relational data store with a NoSQL data grid (Infinispan). With such a solution users familiar with JPA would be able to horizontally scale their data while working with a familiar programming abstraction.

The talk gives an introduction into the architecture of OGM and shows what’s already possible and what’s still under construction.”

Real-time Collaborative Development

Fitzell, Julian
Cincom Systems

“Recent years have seen software development move ever closer towards doing key processes more and more frequently: continuous integration, continuous testing, continuous delivery. Processes are becoming more tightly integrated and automated. They are steps in the development process that happen so often that they appear to be happening continuously and so the project team appears to collaborate more frequently.

However, the actual task of writing software has remained a largely solitary task, or at best a task shared by a pair around a single computer. This talk looks at what it would take to make programming a truly...”

Cross-Platform Mobile Development with Eclipse

Friese, Peter
itemis AG

“Developing great apps for mobile platforms like Android, iOS or mobile web is a challenging task. Not only do you have to take into consideration the limited resources your app has at its disposal, you also have to follow the established UI idioms - which may differ on the respective platforms. In this session, we will demonstrate how you can build mobile apps with tools from the Eclipse ecosystem. Based on real-world examples we will present a domain-specific language we used to mobilize enterprise systems or to create the official Eclipse Summit Europe conference app http://bit.ly/ese_app.del...”

Join: Heiko Behrens
itemis AG

How to become an agile architect

Friedrichsen, Uwe
codecentric AG

“Any non-trivial system requires explicit architectural work. And for architectural work you need an architect, not developers. It’s a fundamentally different skillset. This simple truth holds true for agile contexts, too. It’s not important if you call someone an architect or if he or she is simply the architect by having the skill and doing the required work. But if you don’t have an architect in your team and you’re building a non-trivial system sooner or later you’re in deep trouble.

But how can you become an agile architect? Literature doesn’t help a lot. Most of the agile folks...”

Phomo - A modular extensible tool for testing location-based services

Garbinato, Benoît
University of Lausanne

In this paper, we introduce Phomo, a modular and multi-platform tool that helps developers in testing location-based services. With the advent of ubiquitous GPS-enabled devices, location-based services are indeed becoming a reality but they remain surprisingly difficult to test. An obvious but not realistic solution consists in sending real people out in the field, equipped with mobile devices, and have them execute the test scenario. At the other end of the spectrum, simulations have been traditionally used to validate distributed algorithms but alone they are not adequate when it comes to test full-fledged location-based services...
AdNovum is running an automated build and test environment building almost 400 projects every night. The team running this service collected over 10 years of experience with various internal and customer projects. The talk will present the environment at AdNovum and some of our current challenges. The topics include nightly builds, automated testing, dependency management, toolbox, and virtualized environments. Particularly dependency management around Java libraries, including open source libraries with fast changing and sometimes unstable interfaces, posed a number of interesting problems to solve. Amongst the challenges we see TDD (Test Driven Design) with...

Flexible software analysis with Moose

“Software systems are large and complex. Various studies report as much as 50% of the overall development effort being invested in understanding them. To deal with the vastness of data we need tools. And tools do exist that deal with various concerns from programming idioms checkers (e.g., PMD or Checkstyle) to visualization and reporting tools (e.g., Sonar). While these tools have a place, their use is limited because they tend to take the oracle way: they offer some predefined analyses that provide answers to standard questions. That is great when you have a standard question. However, it turns out that most of the time our software systems are special and our questions are not quite...”

Java Concurrent Animated

“This presentation consists of a series of animations that visualize the functionality of the components in the Java utilities concurrent library. Each animation features buttons that correspond to the method calls in that component. Each click of a button shows how the threads interact in real time. The animations are controlled by the actual Java concurrent component they are illustrating, so the animation is not only a visual demonstration, it’s also a code sample. Key points covered will be:
- An explanation of the use case for each of 14...”

Time to Push to the Mobile Web!

“Over the past few month the battle between Native Mobile Applications and Mobile Web Apps has intensified. The maturity of frameworks like Sencha Touch or Phone Gap combined with the increasing popularity of HTML5 make mobile Web apps a viable alternative to native apps for a number of use-cases.

In this technical talk, we will have a closer look at the galaxy of Mobile Web apps frameworks, looking at the differences and similarities between Sencha Touch, jQTouch, Phone Gap, Titanium, and UII. We will then do small hands-on with Sencha Touch, Phone Gap and UII looking at some of our prototypes...”

OSLC in action: agile meets enterprise reality

“Have you ever tried to develop applications in a heterogeneous environment of tools that are supposed to make your life easier? Have you ever found yourself copy/pasting from the requirements definition tool to the agile sprint planning tool to the test management tool? If the answer is yes, this session is for you. Last year the speaker conducted a project that captured requirements in one tool, managed the backlog in another tool and did the test management in a third tool. To make it even more challenging, the architecture and design work was done using UML in a forth tool. This is not an unusual situation but reality development team have to face in many companies...”

Java Security Trends: How to Leverage Growing Security Trends in Building Trust into Your Java Applications

“Security trends like the use of DNS Security (DNSSEC), Extended Validation (EV) certificates, and stronger encryption with Elliptical Curve Cryptography (ECC) extend the basics that Enterprise Java Engineers need to know to build trust into Java services. Java Developers need to know certificate management and SSL using JSSE along with how to leverage the emerging security trends to ensure that their application is talking to a trusted component and that the communication is done with a high level of confidentiality.

After attending the session Enterprise Java Engineers will understand the following:
- Basics of certificate management and SSL in Java...
- Join: Veeramaechaneni, Srikanth
- VeriSign

Near Field Communication with Android

“With the introduction of Near Field Communication (NFC) in Android 2.3.2 (Gingerbread) and the rumors, that Apple will add NFC to its iPhone 5, NFC became a universal topic. Probably 2011 will go down in the annals of history as the "year of NFC". NFC is a short-range interface technology that supports simple communication over a range of about 2cm between a RFID tag and a NFC-enabled mobile phone. The tags are discovered automatically when a user touches its device to a tag. The device can read the content of a tag or write a tag. It is also possible to exchange information peer-to-peer between devices...”

Effect of Non-Work Related Internet Usage on Stimulating Employee Creativity in the Software Industry

This study investigates the effect of non-work related internet usage on stimulating employee creativity in the software industry. Drawing from past literature this research proposes six dimensions for measuring creativity stimulation, which include: accessibility to information, intrinsic motivation to execute ideas, curiosity and exploration, independent thinking, collaboration and breaking down technical barriers. A survey was conducted through distribution of a research questionnaire among a stratified random sample of knowledge workers employed in the software industry. The findings of the research were partially consistent with the initial predictions which stated a positive effect of...
How to cope with a fickle business? SBB made a virtue of necessity and applied a kind of “alpine style” for a number of larger innovation projects...

The infamous software entropy often leads to the degradation of a chosen and implemented software architecture, so we usually try to refactor our software.

Internet usage on stimulating employee creativity in the software industry...

The number of applications which must be integrated increases, too. The interfaces use different technologies, protocols and data formats. Nevertheless, the integration of these applications shall be modeled in a standardized way, realized efficiently and supported by automatic tests. Apache Camel is an integration framework, which fulfills these requirements. It implements the well-known Enterprise Integration Patterns (EIP) and therefore offers a standardized, domain-specific language to integrate applications. Besides Java, also Spring, WCF, nHibernate, Spring.NET, CSLA, NUnit, Enterprise Library, MEP or ADF...

Come to this session and learn how to boost your productivity building web applications using ASP.NET MVC 3. With a combination of the powerful view engine Razor and NuGet, we’ll see how to fully use the third encarnation of the MVC framework to its full potential. We’ll examine a series of conventions and best-practices that will create sustainable, testable code without loss of productivity. 

Using metrics to detect refactorings in .Net

Using metrics to detect refactorings in .Net

The cloud computing era is coming enabling us to create more complex and powerful solutions integrating on-premises and cloud platforms in mixed environments. New challenges must be faced from a software development management perspective:

• How is possible to manage complex projects integrating different technologies (Azure, .Net, Enterprise Java)?

• How to manage the integration of so many different projects, meeting quality expectations and deploying applications to different environments?...

OSGi Best Practices

OSGi is a dynamic Java modularity technology that originally was exploited mostly by constrained Java runtime systems. With the release of OSGi Enterprise 4.2, the role of OSGi has been extended into the enterprise, alongside what has traditionally been developed using JEE. This session will cover the best practices for developing OSGi Enterprise applications and OSGi bundles in order to utilise the full power of OSGi technology followed by a demo of using these best practices to assemble an OSGi application.
Sessions

Agile and Quality – It is not an Oxymoron but a Necessity

Jocham, Ralph (1,2)  
1. Scrum.org, 2. Zühlke Engineering  
Tue, 21 June 2011 / 14:00-14:50 / Arena 9

“...if all the bugs are removed, this does not guarantee the extrinsic quality – the usability and enjoyment – of a product. In order to meet the end users’ expectations, an overall high quality product, both aspects of quality, intrinsic and extrinsic, must be met. This talk will show how a combination of Agile processes and techniques lend themselves to achieve exactly this goal: a high quality and highly usable software with happy customers. Best, by applying these techniques, the TCO of a project will be lowered...”.

Integrating Activiti into a larger application - a reality check

Kiener, Micha  
edorasware ag  
Tue, 21 June 2011 / 11:00-11:50 / Arena 5

“Activiti provides a light-weight workflow and Business Process Management (BPM) platform. Its core is a fast and very light-weight BPMN 2.0 process engine for Java. The light-weight nature of the Activiti process engine makes it an ideal candidate for integration into larger applications that need to interact with executable business processes. After a short introduction to the Activiti process engine, we will give a critical report of our experiences of integrating the Activiti process engine into a larger task management application. We will demonstrate the extensions and customizations of the Activiti process engine that were necessary to end up with an application that relies on executable business...”.

SOA & System Integration in Practice

Josuttis, Nicolai  
Independent  
Thu, 23 June 2011 / 10:30-11:20 / Arena 8

“We live in the century of globalization. This also applies to IT. For this reason, system integration becomes more and more important to realize business processes distributed over different systems, business units, or even companies. Started as EAI, the necessary concepts are part of SOA now. However, establishing a working system integration process is a strategic approach that need much time and work. No wonder that in practice several integration and SOA projects fail. Based on significant real-world experiences, Nicolai Josuttis demonstrates how to bring system integration into operation and covers some of the major problems and risks to consider. The focus of this talk is on concepts...”.

Predictable Software Project Outcomes in Heterogeneous Environments

Kolawa, Adam  
Parasoft  
Wed, 22 June 2011 / 11:30-12:20 / Arena 8

“Software development organizations have been traditionally soft on deadlines and deliverables. Subjective reporting during insanely boring status meetings has been the general method for updating project progress. Almost every other manufacturing process in the world has already figured out how to automate process measurement and control... yet we have been afraid to do the same within the SDLC. It is now time. Establishing management’s expectations about what defines a completed requirement is essential for...”.

Tricks of the Trade - What Every Developer Should Know About Application Security

Kim, Frank  
ThinkSec  
Thu, 23 June 2011 / 10:30-11:20 / Arena 4

“Learn how to exploit security vulnerabilities that are commonly found in the arsenal of malicious attackers. We won’t simply talk about issues like Cross Site Scripting (XSS) and Cross Site Request Forgery (CSRF), but will show how hackers abuse these potentially devastating defects by finding and exploiting vulnerabilities in real world open source web applications built in Java. We will proceed to walk through the source code and actually fix these issues using secure coding techniques. We will also discuss best practices that can be used to build security into your SDLC. Java developers and architects will learn how to find and fix security issues in their applications before...”.

Compositional CRUD: A novel approach for doing CRUD in Enterprise/SOA environments

Kong, Thipor  
Credit Suisse AG  
Wed, 22 June 2011 / 16:00-16:50 / Arena 5

“CRUD is a well-known approach for systematically deriving data access services from data models. While this approach is widely applied and easy to understand, it leads to several well-known limitations, especially in the context of service oriented architectures. Since only primitive data manipulation operations are made available, more complex operations require the sequential execution of these primitive operations. In typical SOA environments this has severe negative impacts on performance and, potentially, even consistency...”.

Slacked DDD: A novel approach for doing Domain Driven Design in Enterprise/SOA environments

Kong, Thipor  
Credit Suisse AG  
Thu, 23 June 2011 / 14:00-14:50 / Arena 8

“CRUD is a well-known approach for systematically deriving data access services from data models. While this approach is widely applied and easy to understand, it leads to several well-known limitations, especially in the context of service oriented architectures. Since only primitive data manipulation operations are made available, more complex operations require the sequential execution of these primitive operations. In typical SOA environments this has severe negative impacts on performance and, potentially, even consistency...”.

An exercise in simplicity

König, Dierk  
Canoo Engineering AG  
Tue, 21 June 2011 / 11:00-11:50 / Arena 9

Despite the lip-service that has been paid to the virtue of simplicity, it is definitely the most underrated value among software developers. We will explore what simplicity means with an open-source product that I use since 8 years on a daily basis, comes with 100% test coverage, a cyclomatic complexity of zero, and is used since 8 years on a daily basis. We will also focus on the dynamics that typically compromise simplicity and share some stories from the trenches. Curious? Come in and find out!”
**Automated Performance Testing in Continuous Integration and beyond**

**Kopp, Michael**  
dynaTrace  

Automated builds, unit- and integration tests help to find functional problems and regressions. These tests can be used and extended to track performance changes. We can detect regressions and analyse the real impact that changes have on the overall performance. We will take a deep look at how to automate performance regression tests as part of Continuous Integration. We will show how we can automate not only Unit Tests, but Browser and load tests as well. In this talk we cover the major tasks of automated performance testing – regression analysis, performance tracking and architecture value.

**Tower Of Babel: Programming Soap Interoperable Web Services, REST and oData Services**

**Laudati, Peter**  
Microsoft Corporation  

Developing a web application that can be embedded in third-party websites offers a fast path to a “Software as a Service” business model. But, because of the browser security model, developing web applications which can be used cross-domain, has some tricky parts. Google Web Toolkit has demonstrated being one of the most robust web application frameworks and provides the necessary tools to develop such applications. On the other hand, these architecture and configuration aspects are not well documented. The speaker will show, in a structured presentation style, how to solve every of the usual concerns within ...

**From Backlog to Continuous Deployment with Visual Studio 2010**

**Loje, Neno**  
Independent Consultant  

Features effectively become useful when they arrive at a customer. Like in traditional manufacturing, reducing the time it takes for a given peace of functionality to cycle from the check-in through the developer, to production, where the customer is actually being able to take advantage of it, is a key factor to success of every software development project or web site. This session shows how to make continuous deployment a reality with simple steps like automated builds, continuous integration, and virtual test environments, using the Visual Studio 2010 product line. (…)

**The Great Divide - How to overcome the data-gap in migration projects**

**Maier, Stephan**  
Abraxas Informatik AG  

One of the most painful tasks is to migrate data between several old and new systems. Such a migration often involves complex transformations between data models which may be structured in very different ways. The rules of the transformation cannot usually be expressed in single SQL statements requiring a skillful breakdown of transformations into manageable steps. Preserving data consistency and correctness along a chain of rules then becomes an issue. Finally, migration-projects, unlike ETL, are run once only and thus often do not justify expensive infrastructure. (…)

**Java Applications on the Windows Azure Platform**

**Laudati, Peter**  
Microsoft Corporation  

The Windows Azure Platform is an open and interoperable platform which supports development using many programming languages and tools. In this session, you will see how to build large-scale applications in the cloud using Java, taking advantage of new Windows Azure Platform as a Service features. You will learn how to build Windows Azure applications using Java with Eclipse Tools, Apache Tomcat, and the Windows Azure SDK for Java.

**Grails in the Enterprise**

**Ledbrook, Peter**  
VMware  

With all the buzz around rapid web application development frameworks, are enterprise developers left to look on enviously? Not at all. Grails brings RAD to web application development in the Java enterprise and this talk discusses the integration options available to you and where difficulties may arise. Learn how to build Grails projects with Ant and Maven - still the build tools of the Java enterprise. Find out how to work with databases that don’t match the ideal schema for a Grails application. And see how easy it is to fit deployment of a Grails application into your existing process.

**Agile Software Engineering with Visual Studio 2010**

**Loje, Neno**  
Independent Consultant  

Technologies, software processes and practices change over time, but the fundamental engineering challenges remain the same. In a fast changing world, how can we as a company deliver faster (or at least in time), in budget, and with constant high quality. In this session you will hear about the current state of software engineering, some truths and myths, as well as ‘cures’ that exist today. You will hear and learn about the role of modern agile practices, in particular Scrum as a widely spread agile project management framework, as well as the need and use for application lifecycle management. As part of this session you will learn how you can support modern software engineering using the Microsoft ...

**Database or Datagrid?**

**Markus, Mircea**  
Red Hat  

RDBMS have been the data-tier solution of choice for decades. And for a good reason: they are proven, mature and their role is well understood. This talk presents the most common use cases in which a datagrid systems such as Infinispan are a better fit than a database, and the other way around. The audience will take home a better understanding of the problem space datagrids were proved to solve, and also the strengths and weaknesses they have compared with the traditional RDBMS.
Parallel Programming with .NET 4.0

Marquardt, Bernd
Independant Consultant

Parallel programming is one of the important features of the .NET Framework 4.0. There is an excellent library, named “Task Parallel Library”, which contains a lot of classes to simplify the development of code which runs in parallel. An important feature of the library is the Task class, which makes it very easy, to execute a part of code with the asynchronous pattern. But the Task class is very much simpler to use than the older BeginInvoke-EndInvoke scenarios. The new TPL library will simplify the parallel programming. To say it with Herb Sutter’s words: “It will give parallelism for everyone.” The session shows with much example code the usage of the TPL and discusses also the performance...

Phomo - A modular extensible tool for testing location-based services

Merrilees, Philippe C.
University of Lausanne, Switzerland

In this paper, we introduce Phomo, a modular and multi-platform tool that helps developers in testing location-based services. With the advent of ubiquitous GPS-enabled devices, location-based services are indeed becoming a reality but they remain surprisingly difficult to test. An obvious but not realistic solution consists in sending real people out in the field, equipped with mobile devices, and have them execute the test scenario. At the other end of the spectrum, simulations have been traditionally used to validate distributed algorithms but alone they are not adequate when it comes to test full-fledged location-based services. (...) 

Entity Framework in the Real World

Miller, Rowan
Microsoft Corporation

This demo centric session will focus on how Entity Framework can help you build robust, real-world applications. You will see the various development patterns that Entity Framework supports and how they can be used for early prototyping through to deployment of a production ready enterprise application. This session will cover topics such as testability, code first development, performance and building N-Tier applications.

What’s next in the Java Webtier

Mordani, Rajiv
Oracle Corporation

Servlet 3.0 laid the foundation for modern web applications with the asynchronous features, ease of development features and more. In addition, it was also the foundation for extensibility in the Java EE 6 platform. In continuing with the work done in Servlet 3.0 and other areas of the Webtier in Java EE 6, the Java Webtier is being enhanced for Java EE 7. One of the main areas of focus for Java EE 7 and the webtier is to optimize the platform for the cloud. This session will talk about the enhancements being made in Servlet 3.1 to optimize Java web applications in the cloud. In addition to the cloud enhancements...

Compositional CRUD: A novel approach for doing CRUD in Enterprise/SOA environments

Mas, Rene
Alsea GmbH

CRUD is a well-known approach for systematically deriving data access services from data models. While this approach is widely applied and easy to understand, it leads to several well-known limitations, especially in the context of service oriented architectures. Since only primitive data manipulation operations are made available, more complex operations require the sequential execution of these primitive operations. In typical SOA environments this has severe negative impacts on performance and, potentially, even consistency. To avoid these disadvantageous consequences, we’d like to introduce a refined approach, called...

Using GWT to build cross-domain embeddable web applications

Mijares, Alberto
Canoo Engineering AG

Developing a web application that can be embedded in third-party websites offers a fast path to a “Software as a Service” business model. But, because of to the browser security model, developing web applications which can be used cross-domain, has some tricky parts. Google Web Toolkit has demonstrated being one of the most robust web application frameworks and provides the necessary tools to develop such applications. On the other hand, these architecture and configuration aspects are not well documented. The speaker will show, in a structured presentation style, how to solve every of the usual concerns within...

Decision Guidance in Service-Oriented Architecture Design and Beyond

Miksovíc, Christoph
IBM Research

When constructing software-intensive systems, architects and developers make numerous design decisions. These decisions are often approached and made rather informally and documented implicitly i.e., in design models, architecture documents, and the code. Neither enterprise architecture frameworks nor software engineering methods provide comprehensive guidance and techniques to elaborate them. What is missing is tangible advice on when to make which decisions in a given design context, and how to reuse knowledge about good and bad decisions from previous projects. In this session, we present a reusable knowledge base...

From zero to full Java EE 6 clustering with GlassFish 3.1

Moussine-Pouchkine, Alexis
Oracle Corporation

Demo-driven session showing what it can take to install a Java EE application server and cluster mode and deploy a highly available application to experience load-balancing and fail-over. This will discuss the motivations and requirements for deploying highly available applications and illustrate all the steps with the open source GlassFish application server, also known as the Java EE 6 reference implementation.
Sessions

**Eclipse Mylyn: Redefining the “I” of the IDE**

**Muskalla, Benjamin**
Tasktop Technologies

Tuesday, 21 June 2011 / 10:30-11:20 / Arena 4

In less than four years, the Mylyn task-focused interface formed on a university whiteboard, was hardened by massive open source adoption, and most recently extended to support developers using IBM Rational Team Concert (RTC), ClearQuest, ClearCase, Microsoft Team Foundation Server and HP Quality Center. Not long ago, the notion of a tool that hides more of the program than it shows sounded crazy. To some, it probably still does. But as Mylyn continues its rapid adoption, developers are making the next big step in the evolution of the IDE clear. Tasks are more important than files, focus is more important than features, and task-focused collaboration yields biggest productivity boost ...

**Cross-platform mobile application development**

**Ong, Jelan**
AdNovum Informatik AG

Wednesday, 22 June 2011 / 10:30-11:20 / Arena 3

Smartphones are one of the hottest growth sectors in consumer electronics today. Driven by Apple’s efforts to make smartphones available for a broader audience, the Android project “application development” for these devices becomes more and more important! Individual developers, startup companies and even big enterprises are calling for mobile applications to access their services. Mobile application stores are springing up like mushrooms, making deployment and distribution of applications easier than ever. But one problem persists: the diversity and fragmentation of the smartphone platform market make it nearly impossible to write applications that will run on every device. […]

**Turning up the heat – techniques for self-organizing teams**

**Pelnite, Joseph**
MetaProg GmbH

Thursday, 23 June 2011 / 13:30-14:20 / Arena 9

Self-organisation is one of the most misunderstood concepts used in agile practice. If people really understood the dynamics of self-organising systems, they might probably would avoid trying to use it. Instead, they instantly apply some ideas, close their eyes, wish real hard, hope that magic happens, and then use the term “unintended consequences” to describe the result. In this talk, we’ll explore what self-organisation actually is and why teams don’t self-organise, we’ll discuss what we hope self-organisation will do with and for our teams, and you’ll learn practical ways to achieve the benefits of self-organisation without suffering the unintended consequences of it.

**Science Scrum: Manage Life Science Research the Agile Way**

**Podvinec, Michael**
Biozentrum, University of Basel, Switzerland

Wednesday, 22 June 2011 / 10:30-11:20 / Arena 9

Planning scientific research is notoriously difficult: You may have a general idea to investigate, but the way to that goal is not clear ahead of time. Research projects have complex processes, many of them with unpredictable outcomes. Finally, research happens in an ecosystem that constantly evolves as we and our competitors understand the field better. In the face of this complexity, many researchers have given up on applying any formal planning method. Over the last decade, Scrum has gained wide recognition, particularly in software engineering. But the central ideas in Scrum are not limited to …

**Are You a Service Provider?**

**Neudeck, Arthur**
Giniatly AG

Tuesday, 21 June 2011 / 16:30-17:20 / Arena 5

Java is mature - no doubt! But what about us? Are we really “mature” as well? Do we really provide IT services with every new application, service, bundle or module we deliver? No - we are definitely not! You can ask yourself: what is your development team’s maturity when really capable of measuring quality of raw, half and final products for both your own and 3rd party products? - knowing how artifacts are related to each other as good as car manufacturers! - living not only development processes but also measure and improve them - continually! - running and optimizing the complete development …

**HTML “5” with Java for the Mobile: a Surprisingly Attractive Approach**

**Oser, Philipp H.**
ELCA

Wednesday, 22 June 2011 / 11:30-12:20 / Arena 3

As a Java developer, you can now target the many different smartphone platforms using the following approach:

- Write the biggest part of your application in HTML5 (created with GWT) and deploy it via a small native wrapper to iPhone, Android, and other smartphones. Via the native wrapper you have access even to phone functionality still missing in HTML5. The open source framework PhoneGap provides such native wrappers for the common smartphones. The Google Web Toolkit (GWT) allows for convenient development in Java, and keeps you isolated from most of the JavaScript gotchas: […]

**Know your cirrus from your cumulus: how clouds differ beyond cost and speed and how that affects you**

**Phillips, Andrew**
jclouds

Tuesday, 21 June 2011 / 14:00-14:50 / Arena 5

As adoption of cloud platforms grows, both in dedicated and “mixed-use” configurations, the original Cloud 1.0 vision of “run anything, anywhere” has been extended and refined to cover a number of considerations that are turning out to be essential across various cloud usage models. If you’re already working with cloud applications, or are considering to do so, and have open questions regarding SLAs, performance, legal aspects and more, you’re in good company. During the last quarter of 2010, jclouds held a dozen discussions with cutting-edge cloud users, platform developers and infrastructure providers, identifying and structuring metamodels beyond pure hardware that …

**Running continuous integration for 400 projects: Lessons learned and challenges**

**Polasek, Bettina**
AdNovum Informatik AG

Thursday, 23 June 2011 / 13:30-14:20 / Arena 4

AdNovum is running an automated build and test environment building almost 400 projects every night. The team running this service collected over 10 years of experience with various internal and customer projects. The talk will present the environment at AdNovum and some of our current challenges. The topics include nightly builds, automated testing, dependency management, toolbox, and virtualized environments. Particularly interesting problems to solve will be discussed.

Raible, Matt
Raible Designs

Thu, 23 June 2011 / 14:30-15:20 / Arena 4

In this session, you’ll learn how to implement authentication in your Java web applications using Spring Security, Apache Shiro and good ol’ Java EE Container Manager Authentication. You’ll also learn how to secure your REST API with OAuth and do it all securely with SSL.

After learning how to develop authentication, I’ll introduce you to OWASP, the OWASP Top 10, its Testing Guide and its Code Review Guide. From there, I’ll discuss using WebGoat to verify your app is secure and commercial tools like webapp firewalls and accelerators.

Evolving Software Architecture

Riser, Micha
Actifsource GmbH

Thu, 23 June 2011 / 13:00-13:30 / Arena 8

Software Architecture using and MDSO (Model Driven Software Development) has become mainstream, so have agile methods. But despite the many advances in the field, evolving software is still a big challenge: many software projects fail the promise to deliver true software that can be extended and modified according to the ever changing business needs.

This talk addresses the challenge of evolving software, looks at current approaches and their shortcomings, and lays out an approach to design and implement Evolving Software Architecture*. The shown approach makes heavy use Domain-Driven Design and Code Generation. Requirements change – anytime. [..]

jBPM5 and Drools in Real Life

Salatino, Mauricio
Plug Tree

Thu, 23 June 2011 / 16:30-17:20 / Arena 3

Drools and jBPM5 provides a great platform to build applications on top of them. During this presentation the audience will learn about the key concepts around these frameworks and how these concepts are applied to create real life solutions.

After quickly reviewing the concepts of Business Process Management, Business Rules Engine and Complex Event Processing the Demo Application will take place.

The Emergency Service Demo Application shows how the company deal with emergencies that happens around the city. A Business Process instance is created for handling each of these emergencies. [..]

Building Line of Business solutions with Microsoft Silverlight 5

Saurenmann, Ronnie
Microsoft Switzerland

Tue, 21 June 2011 / 12:00-12:50 / Arena 6

Silverlight is a powerful UI framework for building rich internet/intranet applications. It runs on all the popular browsers on Windows and Mac platforms. In this session we will explain you the scenarios where Silverlight shines, from powerful video solutions through rich interactive web specials to complex Line of Business applications. We will take you through the basic on building Silverlight Apps including XAML, UI components and tools.

Firm-Internal Open Source

Riehle, Dirk
Friedrich-Alexander University Erlangen-Nürnberg, Germany

Thu, 23 June 2011 / 14:30-15:20 / Arena 9

Open source is not only a type of software, it is also an approach to software development that is different from traditional plan-driven and agile software development methods. Open source is frequently more effective, because it can focus on project success and community without the distractions that are so common in traditional software development organizations. This talk shows how traditional software development can benefit from adopting open source best practices. A key part of the presentation will focus on firm-internal software forges, which organizations like HP, IBM, SAP, and Microsoft have been using to their advantage.

The Power of Retrospection

Rising, Linda
Independent

Thu, 23 June 2011 / 10:30-11:20 / Arena 9

Project Retrospectives are an important part of any software development process. The Principles Behind the Agile Manifesto state that, “At regular intervals, the team reflects on how to become more effective, then tunes and adjusts its behavior accordingly." How can this be done? By taking the time to reflect and learn and proactively determine what should be done differently in the next iteration, release, or project. Linda’s presentation will introduce techniques for project retrospectives, whether they are agile or not. The techniques help teams discover what they’re doing well so that successful practices can continue and identify what should be done differently to improve performance. [..]

Introducing Microsoft Silverlight 5

Saurenmann, Ronnie
Microsoft Switzerland

Tue, 21 June 2011 / 11:00-11:50 / Arena 6

Silverlight is a powerful UI framework for building rich internet/intranet applications. It runs on all the popular browsers on Windows and Mac platforms. In this session we will explain you the scenarios where Silverlight shines, from powerful video solutions through rich interactive web specials to complex Line of Business applications. We will take you through the basic on building Silverlight Apps including XAML, UI components and tools.

NoSQL - Schemaless Data-stores Not Only for the Cloud

Schank, Thomas
Schweizerische Bundesbahnen SBB

Wed, 22 June 2011 / 10:30-11:20 / Arena 4

The availability of alternative data-stores has exploded in recent years. Though the basic concepts are at least as old as conventional relational data-stores. The heavy increase of usage due to a change how data-stores are used. The focus has shifted from one central authoritative location to cloud-computing and to distributed systems in general. Unless used in very particular manner relational stores do handle those newer requirements not very well or not at all.

The new database systems have taken a considerable market share among technology friendly companies and those that due to heavy competition must ...
(Business) Rules for the Internet of Things

Schärtel, Markus
Bosch Software Innovations

Each organization has to make a huge number of operational decisions every day to achieve the strategic goals. Many of these decisions are embedded in IT systems as (business) rules. Today, business rules management is a main stream discipline of software development. They help to align business and IT domains in terms of integrating and automating business decisions in IT systems. But also IT itself and other technical domains will benefit from using rules. How is that? The internet of things means, that in the future smart devices of all kinds will be connected via internet technologies. With the number of devices the number events in such ...

Mobile Cross Device Development with Appcelerator

Titanium

Starosta, Kejo
Astina AG

Titanium is a free and open source application development platform for creating native mobile and tablet applications, using existing web technologies like JavaScript, HTML, and CSS. The presentation is structured in three parts. The first part introduces the audience to the framework:

- Titanium's integration with the native SDKs iOS, Android, ...
- Native user interface creation
- API capabilities (push services, camera, multimedia, ...)
- Deployment process on the Android and iPhone emulators and devices (...)
Integrating Activiti into a larger application - a reality

Studer, Etienne
edorasware ag

Activiti provides a light-weight workflow and Business Process Management (BPM) platform. Its core is a fast and very light-weight BPMN 2.0 process engine for Java. The light-weight nature of the Activiti process engine makes it an ideal candidate for integration into larger applications that need to interact with executable business processes. After a short introduction to the Activiti process engine, we will give a critical report of our experiences of integrating the Activiti process engine into a larger task management application. We will demonstrate the extensions and customizations of the Activiti process engine that were necessary to end up with an application that relies on executable business ...

Gradle - A Better Way To Build

Studer, Etienne
edorasware ag

Today's enterprise software projects are divided into dependent modules, embrace multiple languages, interact with external systems, contain many integration tests, and are distributed in the form of various artifacts. Building such demanding software projects in an automated way requires a build system that can deal with complex requirements in a maintainable, extensible, and flexible way.

Gradle is the rising star amongst Java-based enterprise build systems. With good reason, more and more open-source projects and enterprises are switching to Gradle. For example, Hibernate, Spring Security, ...

Big Data with Spring Data and Spring Hadoop

Syer, Dave
SpringSource [a division of Vmware]

Today's architectures are quickly hitting the limits of the Relational Database management System (RDBM)S. If the size of today's application's don't move architects to the newer, more scalable NoSQL stores, then the opportunity for specialized and more expressive models will. The Spring Data project, from the creators of the Spring framework, offers developers a chance to embrace these many new technologies with the ease and familiarity they've come to expect from the Spring framework. In this talk, developers and architects alike will be introduced to the various NoSQL data Today's users carry their identities with them on the web, using social networks and collaboration tools to extend ...

Giving Your Application a Social Life with Spring Social and Spring Integration

Syer, Dave
SpringSource [a division of Vmware]

Today's architectures are quickly hitting the limits of the Relational Database management System (RDBM)S. If the size of today's application's don't move architects to the newer, more scalable NoSQL stores, then the opportunity for specialized and more expressive models will. The Spring Data project, from the creators of the Spring framework, offers developers a chance to embrace these many new technologies with the ease and familiarity they've come to expect from the Spring framework. In this talk, developers and architects alike will be introduced to the various NoSQL data Today's users carry their identities with them on the web, using social networks and collaboration tools to extend ...


Syme, Don
Microsoft Research

Programming today exhibits a voracious appetite for information, and one of the most important trends in languages today is to make access to data and services fluent and seamless. Come and see the latest from the F# team, and learn a bit about F# as it is today, and see how we are extending F# to instantly embed the analytical or cloud programmer instantly in a world of typed data and services, whether they are cloud, web, enterprise, client or local.

Rapid Web Development with Play!

Tanner, Thilo
Astina AG

Play! ([http://www.playframework.org](http://www.playframework.org)) is a rapid web development framework written in pure Java, independent from the Servlet API. Play! supports script-like live reloading, a simple stateless MVC architecture, RESTful URLs, an efficient templating language and much more.

After an introduction to the architecture of the framework, we will show the live reloading, routing and templating capabilities during a short live coding session. After highlighting some of the advanced features, like jobs and asynchronous request processing, we will refer to some real world projects we developed with Play!

Mobile Cross Device Development with Appcelerator Titanium

Tanner, Thilo
Astina AG

Titanium is a free and open source application development platform for creating native mobile and tablet applications, using existing web technologies like Javascript, HTML and CSS.

The presentation is structured in three parts. The first part introduces the audience to the framework:
- Titanium's integration with the native SDKs (iOS, Android, Native user interface creation)
- API capabilities (push services, camera, multimedia, …)
- Deployment process on the Android and iPhone emulators and devices

The second part is a demonstration of how to write ...

The Future of C# and Visual Basic: Async Made Simple

Toub, Stephen
Microsoft Corporation

Asynchronous programming has historically been quite difficult. Developers desiring scalable and responsive applications are forced to fight through a myriad of callbacks, turning their programs’ control flows inside-out and leaving spaghetti code in their wake. The next release of the .NET Framework and the C# and Visual Basic languages address this nightmare head on. In this demo-focused session, see how new async language features and new .NET Framework APIs come together to dramatically simplify asynchronous programming: no more callbacks!
Java Security Trends: How to Leverage Growing Security
Trends in Building Trust into Your Java Applications
Veeramachaneni, Srikanth
VeriSign

Security trends like the use of DNS Security (DNSSEC), Extended Validation (EV) certificates, and stronger encryption with Elliptical Curve Cryptography (ECC) extend the basics that Enterprise Java Engineers need to know to build trust into Java services. Java Developers need to know certificate management and SSL using JSS along with how to leverage the emerging security trends to ensure that their application is talking to a trusted component and that the communication is done with a high level of confidentiality.

After attending the session Enterprise Java Engineers will understand the following: [...]

Smart Enterprise Application Integration with Apache Camel (Live-Demo)
Wähner, Kai
MaibornWolff et al GmbH

Data exchanges between companies increase a lot. The number of applications which must be integrated increases, too. The interfaces use different technologies, protocols and data formats. Nevertheless, the integration of these applications shall be modeled in a standardized way, realized efficiently and supported by automatic tests.

Apache Camel is an integration framework which fulfills these requirements. It implements the well-known Enterprise Integration Patterns (EIP) and therefore offers a standardized, domain-specific language to integrate applications. Besides Java, also Spring XML, Scala ...

State of the art Business Intelligence, Reporting and CPM
Solution à la Microsoft
Weiss, Meinrad
Trivadis

State of the art BI solutions require a broad set of Tools and Services for Reporting, Score-carding, Analytics, Data Mining, Data Warehousing, Master Data Management and ETL. The BI offering of Microsoft covers all these aspects with just three main products. The session provides an overview of the involved Services and shows how all the pieces fit together. A complete BI Solution based on SQL Server 2008 R2, SharePoint 2010 and Office 2010 will be shown.

Testing - Bridging the gap between developers and testers
van Buuren, Jan Willem
Microsoft Corporation

Software Quality is not a “new” problem, but today Developer and Test teams take a slightly different approach. Delivery teams had to respond quickly to the ever changing business demands. They want to develop the tight balance between managing cost, time, quality and application development. Organizations are changing their focus to a more integrated approach in software development in order to reach their business goal. In this session you will see highlights on how Microsoft is bridging the gap between many different roles that are involved during the development lifecycle of a new business idea and application.

Mapping, GIS and geolocating data in Java
Van der Auwera, Joachim
Geosparc

Introduction to mapping, geographic information systems and geolocalization. The talk will introduce the basics like layers, projects and coordinate reference systems, data formats and standards. We will look at possible data source like OSGeo/GeoServer, GeoServer, Google Earth, OpenLayers, uDig, Geosparc etc.

Basics: maps, layers, coordinate reference space, ...

Making Complex Matters Easy to Grasp: Project Management with User-Centered Design
Urech, Gregor
Zeix AG [Agency for User-Centered Design]

User-centered design (UCD) focuses on identifying the core goals and issues of complex projects. Taking the users’ perspective into account at a very early stage is crucial: the entire specifications are driven by the future interactions of the real users, not by lists of prioritized functionalities.

At the beginning of a project, the essential use cases with their corresponding contents and processes are elaborated in detail by step-by-step visualizations. These visualizations in form of annotated screens or clickable prototypes are rich in detail and help future users, decision-makers and implementation partners ...

How to lead techies in highly technical projects
Tramm, Stephan
Netcetera

Every project faces the same challenges, tight schedules, restricted budgets and a never ending feature list -- that's normal business. Complex software development projects or non-trivial legacy migration endeavors bring another force into play: software engineers! Software engineers are the only people, who turn ideas into running solutions. You need them. But they have special needs too.

In this talk you will learn, what makes the work with software engineers different, how they think and work, and what they need to really shine. Project & daily work organisation, team building, establishing common sense, workplace setup, required technical...
Sessions

The Life and Times of a Java Developer at Microsoft Corporation

Woodward, Martin
Microsoft Corporation

Thu, 23 June 2011 / 10:30-11:20 / Arena 6

Martin is a Java developer working for the biggest of all Microsoft shops – Microsoft itself. His team builds the Eclipse plug-in for Microsoft Visual Studio 2010 Team Foundation Server. In this session he will give the developers perspective on what life is like coding for open source products inside the company and explain the challenges Martin's team had to overcome when integrating their Eclipse development efforts with the Application Lifecycle Management stack of a predominately Microsoft technology based organization.

Decision Guidance in Service-Oriented Architecture Design and Beyond

Zimmermann, Olaf
IBM Research

Thu, 23 June 2011 / 11:30-12:20 / Arena 8

When constructing software-intensive systems, architects and developers make numerous design decisions. These decisions are often approached and made rather informally and documented implicitly (i.e., in design models, architecture documents, and the code). Neither enterprise architecture frameworks nor software engineering methods provide comprehensive guidance and techniques to elaborate them. What is missing is tangible advice on when to make which decisions in a given design context, and how to reuse knowledge about good and bad decisions from previous projects. In this session, we present a reusable knowledge base.

Xtext 2.0 - DSLs unleashed

Zarnekow, Sebastian
itemis AG

Tue, 21 June 2011 / 15:00-15:50 / Arena 4

Whenever important information is scattered across your code base and it’s hardly possible to define a sensible API for a central aspect of your system, you should really consider to use a domain-specific language (DSL). Development of DSLs is straightforward and fun - at least with Xtext! Xtext is an award-winning Eclipse.org project for the development of DSLs and general purpose programming languages. It comes with rich abstractions to implement parsers, linkers and compilers and provides a fully-fledged Eclipse-based IDE for your language. (…)

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www.oracle.com

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www.abraxas.ch

SET 2011 is aimed at professionals involved in decisions regarding software development processes, methods, and technologies (e.g. IT managers, project leaders, software architects, etc.). The participants will gain an excellent overview of the state-of-the-art in modern software engineering.

SET 2011 will be an important part of Jazoon’11.

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