program guide

March 20th - 23rd, 2006
Santa Clara Convention Center

3rd annual gathering
of the Eclipse community

sponsors...

detailed information can be found at:
www.eclipsecon.org
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Use the Openmake Eclipse Plugin to free yourself from the low-value, time-consuming task of maintaining build scripts. Openmake is the leader in enterprise build management solutions providing high-speed builds, real-time build monitoring, IT compliance build and impact analysis reports and cross platform/cross language build support — no scripting required. Openmake integrates with SCM tools and allows you to schedule and execute builds remotely. Openmake eliminates the burden of builds, giving you more time to do what you do best, developing business solutions. So let Openmake manage your builds and spend your evenings at home.

www.openmake.com  Call 800.359.8049 to schedule a web-based demo.
The Eclipse community has grown and evolved dramatically since EclipseCon 2005. A very basic sampling of the highlights would include: growth to 16 Strategic members, 120+ members, over 50 projects ranging from Java to PHP to RCP to C++ to embedded to web tools to testing and much, much more.

I would like to thank everyone who has supported Eclipse through their participation. Without your support and involvement Eclipse would not be the dynamic community it is. It is the thousands of individuals that comment on features, send in bug reports or participate in newsgroups that make Eclipse an exciting place to be. It is also the hundreds of organizations shipping commercial products, offering education and services or creating complementary technology who make the Eclipse ecosystem one of the most vibrant in the software industry today.

On behalf of the Eclipse Foundation, I would also like to thank the over 120 organizations who support the Foundation through their membership, and the over 600 committers whose work makes it all possible.

There is no better way to foster our community than meeting face-to-face and exchanging thoughts and ideas. EclipseCon is the premier annual gathering of our community. This year’s event is larger and, we hope, even better than the last two. Once again, over 90% of last year’s attendees said that they would like to return to EclipseCon. That’s a high bar. But with the new venue and exciting program we have in 2006 we are sure you will agree that EclipseCon is well worth your time and energy.

Mike Milinkovich
Executive Director, Eclipse Foundation, Inc.

I was honored to have chaired the Program Committee for EclipseCon 2006. I want to thank the other members of the committee: Simon Archer, Michael Braunstein, Ed Burnette, Srinivas Doddapaneni, Dwight Deugo, Doug Gaff, Lawrence Mandel, Maher Masri, Mike Taylor, Gunnar Wagenknecht, and Paul Vanderlei. From September through January we had weekly conference calls and endless emails to determine the final program. Despite the huge workload, these people gave freely of their time with the common goal of providing the Eclipse community with the best possible EclipseCon program. I would also like to thank everyone from the community who provided feedback and comments on the submissions, an important source of information to the program committee.

The task of selecting submissions for the program was a difficult one. With so many submissions, so little time, and almost every submission having merit and fitting the context of EclipseCon, it was a daunting task for the Program Committee to select the final presentations. This year we increased the program to five parallel tracks and added a new category – short talks – so that even more presentations could be accommodated. The program committee made every attempt to balance the program between projects (new and old), extensions and tools, usage, and companies, while always keeping in mind that EclipseCon attendees expect an interesting, well-rounded program. Two special themes – embedded and RCP – are reflected in this year’s program. Our overriding concern was to ensure that attendees would have numerous opportunities to learn more about Eclipse and initiate new collaborations in their time spent at the conference. We are proud of our selections, and hope that they make EclipseCon an enjoyable, informative, stimulating and exciting conference for all of you.

Tim Wagner
BEA, EclipseCon Program Chair

On behalf of the Organizing Committee, I’d like to thank you for coming to EclipseCon 2006. As you know, it takes a lot of work and a lot of attention to a lot of details to bring a conference to fruition. The best possible thanks that the organizers – myself, Nancy Wilson, Erin Peterson, Mary Peters, and Ian Skerrett – can receive is your attendance and enjoyment.

We’ve tried hard this year to arrange the schedule to maximize the time and opportunity for you to mingle and collaborate on Eclipse-related topics, to talk with old friends, and to meet new friends. The informal BOFs and Short Talks, the Panels and the Vendor Receptions, the lunch time Table Topics, the exciting Eclipse Awards, and even the give-aways and games are all part of the master plan to make EclipseCon 2006 be about more than just excellent technical content. Eclipse is a growing success story because of you, the community, and we have tried hard to make EclipseCon 2006 reflect, foster and grow that community. It’s going to be a great week!

Bjorn Freeman-Benson
Eclipse Foundation, EclipseCon Organizing Chair
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**Birds-of-a-Feather Sessions (BoF)**  
Join a BoF at EclipseCon! Birds of a Feather are informal meetings where you can share ideas and present and discuss specialized areas with others in the Eclipse community. On Monday, Tuesday and Wednesday evenings, get together with your colleagues who have an interest in your special topic area! We'll have special sign up sheets on-site and rooms will be allocated based on the number of signups by 5:00pm each day. BoFs run from 8:00pm - 9:30pm and 9:30pm - 11:00pm each day. If you'd like to lead a BoF at EclipseCon, visit the registration desk or the BoF sign up board.

**Lunch Time Table Talks**  
Have you ever attended a conference and had a hard time meeting people interested in your favorite topics? Well, we have, so at EclipseCon, we've added lunch-time Table Topics. Just find a table with a topic that interests you and, voila!, you'll be sitting with a group of like-minded people. Some of them will be experts, some will be novices, but all will be interested in that same topic, so strike up a conversation and enjoy the food and company.

**Eclipse Demos**  
Sometimes it's great to get to walk through a project or product that's new to you. And it's great to be able to share a project or product demo with people who are interested! Demos will take place from 9:30am - 11:30am and 2:00pm - 5:00pm on Tuesday and Wednesday.

**Exhibits**  
EclipseCon exhibitors will showcase their Eclipse-based products and projects that are established in the marketplace and the enterprise. The exhibits are open throughout the day on Tuesday and Wednesday.

**Keynotes and Plenaries**  
Four keynotes lead the program at EclipseCon. You’ll have the opportunity to hear messages from key opinion makers and community leaders: Joel Spolsky, Greg Stein, Ward Cunningham, Tod Nielsen, Erich Gamma and John Wiegand.

**Business Track**  
The Business Track is for attendees interested in the business and management aspects of Eclipse and open source software. Sessions will cover topics such as open source business models, legal implications, market trends, marketing to developers and community building. Check the EclipseCon website for the list of talks included in this track.

**Eclipse Rich Client Platform (RCP) Track**  
Eclipse Rich Client Platform (RCP) is a set of reusable Java components that allow developers to easily create rich, full featured applications. The Eclipse community has embraced RCP as the platform for building next generation end user applications. This year at EclipseCon a wide variety of tutorials, long talks, short talks and panels will explore the fundamentals of developing applications on RCP. There will also be a number of experiences reports highlighting the best practices of people who have deployed RCP based applications. Check the EclipseCon website for the list of talks included in this track.

**Embedded and Mobile Developer Track**  
Eclipse has enjoyed considerable success in enabling a tools platform for embedded and mobile developers. This track features sessions on the C/C++ Development Tools (CDT) project, the Device Software Development Platform (DSDP) project and a variety of experience reports from organizations using Eclipse to build software for constrained devices. Check the EclipseCon website for the list of talks included in this track.

**Panels**  
You’ll hear lively discussions on Eclipse’s potential in a variety of organizations and problem fields. And there is a special format panel to bring together the entire week for you.

**Poster Gallery**  
The Poster Reception will be located in Hall B from 5:30pm - 7:30pm on Wednesday. Poster viewing will be available during exhibit hall hours. Posters are hosted by their authors in the poster gallery, where you’ll find a great environment to learn more about what’s in the Eclipse community and the people behind it.

**Short Talks**  
Each nine minute presentation will offer highlights of a particular topic. There will be five short talks per 45 minutes happening in five rooms simultaneously. Short talks will be held on Tuesday and Wednesday from 4:15pm - 5:00pm, and on Thursday from 1:00pm - 1:45pm. Keep in mind that there are no breaks between presentations when selecting the talks you’d like to attend.
Gold Sponsors

Accelerated Technology, a division of Mentor Graphics Corporation, is located in Mobile, Alabama and has engineering sites, sales offices and distributors worldwide. As a leading provider of royalty-free, embedded real-time operating system (RTOS) software, Accelerated Technology helps developers accelerate product time-to-market in a wide range of embedded device applications. Its comprehensive Nucleus RTOS includes software design tools, evaluation, test and verification software, kernels, middleware and Eclipse-based development tools. For more information, please visit www.acceleratedtechnology.com or e-mail us at info@acceleratedtechnology.com.

Actuate Corporation is the world leader in Enterprise Reporting Applications that ensure 100% adoption by users. Actuate’s Enterprise Reporting Application Platform is the foundation on which Global 9000 organizations (companies with annual revenues greater than $1 billion) and packaged application software vendors develop intuitive, Web portal-like reporting and analytic applications that empower 100% of users with decision-making information. These applications are deployed inside and outside the firewall to improve corporate performance across a range of business functions including financial management, sales, human resource management, and customer self-service. When tested against other business intelligence products, Actuate’s Enterprise Reporting Application Platform has been proven to offer industry-leading scalability and the lowest Total Cost of Ownership.

BEA Systems, Inc. (NASDAQ: BEAS) is a world leader in enterprise infrastructure software, providing standards-based platforms to accelerate the secure flow of information and services. BEA product lines - WebLogic®, BEA Workshop®, Tuxedo®, JRockit®, and the new AquaLogic family of Service Infrastructure - help customers reduce IT complexity and successfully deploy Service-Oriented Architectures to improve business agility and efficiency. For more information about BEA’s Eclipse based products please visit the BEA Workshop area of www.bea.com.

Business Objects, the makers of Crystal Reports® and world leader in business intelligence, is excited to support the Eclipse community as an Eclipse Add-In Provider, a gold sponsor of EclipseCon, and with the announcement of Crystal Reports for Eclipse. This new edition of Crystal Reports is built entirely on the Eclipse platform and provides an unparalleled level of integration within the Eclipse IDE, making it easier than ever for the Eclipse developer to add new or existing reports to their applications. Visit us at EclipseCon to learn more and register today for the free download from Business Objects at http://www.businessobjects.com/eclipse.
Keynotes and Plenaries

Tuesday March 21 • 8:30am - 9:30am • Joel on Software in Person

Joel Spolsky
Fog Creek Software
Joel Spolsky is a globally-recognized expert on the software development process. His website Joel on Software (www.joelonsoftware.com) is popular with software developers around the world and has been translated into over thirty languages. As the founder of Fog Creek Software in New York City, he created FogBugz, a popular project management system for software teams. Joel has worked at Microsoft, where he designed VBA as a member of the Excel team, and at Juno Online Services, developing an Internet client used by millions. He has written two books: User Interface Design for Programmers (Apress, 2001) and Joel on Software (Apress, 2004). Joel holds a BS from Yale in Computer Science. Before college he served in the Israeli Defense Forces as a paratrooper, and he was one of the founders of Kibbutz Hanaton.

Tuesday March 21 • 1:00pm - 2:00pm • Stories Along the Eclipse Way

John Wiegand
IBM
Eclipse Platform Lead
John Wiegand is the principal architect for the platform infrastructure. John played a central role in the development of VA/Java, VA/Micro Edition, and now Eclipse. His interests are in the areas of performance, scalability, compilers, and just about anything that’s hard.

John is serving as leader of the Platform subproject and PDE subproject, and is a member of the Eclipse Project PMC.

Erich Gamma
IBM
Eclipse JDT lead
Erich Gamma leads the Eclipse Java Development tools project and is a member of the Eclipse and the Eclipse Tools project management committees. He is also a member of the Gang of Four, which is known for their book: “Design Patterns - Elements of Reusable Object-Oriented Software”. Erich has paired with Kent Beck to develop JUnit, a popular testing tool for Java. Erich also paired with Kent Beck to write the book “Contributing to Eclipse: Principles, Patterns, and Plug-ins”.

Before joining OTI/IBM he was working at Taligent on a never shipped C++ development environment. Erich started with object-oriented programming over 20 years ago as a the co-author of ET++ one of the first large scale C++ application frameworks.

Wednesday March 22 • 8:30am - 9:30am • Comparing Apache and Eclipse

Greg Stein
Apache Software Foundation
Chairman
Greg Stein is an engineering manager at Google, working on their open source efforts. Prior to that, Greg was a director of engineering at CollabNet where he managed the Subversion project and releases of their CollabNet Enterprise Edition product. He also worked at Microsoft as a Development Manager, in the Commerce Server and Site Server groups. Greg was a co-founder and the Corporate Technologist of eShop, one of the first electronic commerce software companies, before its acquisition by Microsoft. In Greg’s spare time, he works on many open source projects, such as Subversion, WebDAV, and Python. He also works on Apache projects and is the current Chairman of the Apache Software Foundation.
Gold Sponsors

Compuware Corporation is a world leader in delivering software and services that enable businesses to manage their enterprises and maximize the value of their technology investments. Compuware solutions accelerate the development, improve the quality and enhance the performance of J2EE applications.

Compuware is an Eclipse Strategic Developer and has focused its efforts on application life cycle integration and tool interoperability by leading a new project and dedicating resources to Eclipse projects that support the application life cycle market.

Compuware has also brought the productivity benefits of pragmatic Model Driven Architecture to Eclipse with OptimalJ, its Java development product. To learn more visit www.compuware.com.

HP is a technology solutions provider to consumers, businesses and institutions globally. The company's offerings span IT infrastructure, global services, business and home computing, and imaging and printing. For the four fiscal quarters ended Oct. 31, 2005, HP revenue totaled $86.7 billion. More information about HP (NYSE, Nasdaq: HPQ) is available at http://www.hp.com.

Serena Software is the leader in Change Governance, providing software to help global 2000 organizations visualize, orchestrate and enforce effective business processes throughout the IT lifecycle. More than 15,000 organizations around the world, including 98 of the Fortune 100, leverage Serena’s integrated change management framework to manage costs, ensure consistent quality of service, mitigate business risks and ultimately profit from change.

Founded on industry standards and embracing the Eclipse framework, the IBM Rational Software Development Platform spans Windows, UNIX, Linux, and mainframe platforms to give your team an open, complete, and modular software development solution. Industry-leading products from IBM Rational®, IBM WebSphere®, IBM Lotus®, IBM Tivoli®, and IBM DB2® provide all the capabilities of software development and deployment, giving you and your team the flexibility to adopt only the products, tools, and services you need, when you need them. Learn more about the IBM Rational Software Development Platform and access online technical resources including evaluation downloads, demos, tutorials, articles and more at www.ibm.com/developerworks/platform.
Keynotes and Plenaries

Wednesday March 22 • 1:00pm - 2:00pm • Software Development Creativity the Wiki Way

Ward Cunningham
Eclipse Foundation
Director, Developer Community

Ward received his bachelor’s degree in interdisciplinary engineering (electrical engineering and computer science) and his master’s degree in computer science from Purdue University. He is a founder of Cunningham & Cunningham, Inc. He has also served as Director of R&D at Wyatt Software and as Principal Engineer in the Tektronix Computer Research Laboratory. He is founder of the Hillside Group and has served as program chair of the Pattern Languages of Programs conference which it sponsors. Ward was part of the Smalltalk community. As of October 2005, he is the Director of Commiter Community Development at the Eclipse Foundation. Ward is well-known for a few widely disseminated ideas which he originated and developed. Among these, the most famous are the wiki (originally wikiwiki), and many patterns in the field of software patterns, including the collection of patterns that later became known as “Extreme Programming” or “XP.” His most famous quote is probably, “What’s the simplest thing that could possibly work?”

Thursday March 23 • 8:30pm - 9:30am • The Eclipse Effect: Changing the State of Development

Tod Nielsen
Borland
President and CEO

Tod Nielsen, president and chief executive officer, joined Borland Software Corporation in November, 2005. He has held executive level positions at Microsoft Corporation, BEA Systems Inc., and Oracle Corporation, bringing significant experience in leadership and technology solutions for software development. Mr. Nielsen most recently served as Senior Vice President, Marketing and Global Sales Support for Oracle Corporation, responsible for the marketing of the Oracle Database and Oracle Fusion Middleware product lines. Prior to Oracle, Mr. Nielsen was the Chief Marketing Officer and Executive Vice President, Engineering of BEA Systems, where he had overall responsibility for BEA’s worldwide marketing strategy and operations, as well as all research and development operations. Mr. Nielsen joined BEA after the acquisition of his private company, Crossgain Inc., where he served as its Chief Executive Officer. Mr. Nielsen also spent twelve years with Microsoft Corporation, in various roles, including General Manager Database and Developer Tools, Vice President Developer Tools, and at the time of his departure, Vice President Platform Group. Throughout his tenure with Microsoft, he worked on many parts of the business, with an emphasis on infrastructure and developer oriented technologies. Mr. Nielsen holds a degree in Business Administration, from Central Washington University. In addition to Borland, he holds a seat on the board of directors of both Fortify Software and Trolltech Inc.

Thursday March 23 • 4:15pm - 5:00pm • Eclipse Community Project Spot Light (Panel/Q&A)

Mike Milinkovich
with Tim Wagner, John Graham, Doug Gaff, Wenfeng Li, Kevin Haaland, John Duimovich, Tyler Thessin, and Bjorn Freeman-Benson

Mike Milinkovich is the Executive Director of the Eclipse Foundation. In the past, he has held key management positions with Oracle, WebGain, The Object People, and Object Technology International Inc. (which subsequently became a wholly-owned subsidiary of IBM), assuming responsibility for development, product management, marketing, strategic planning, finance and business development.
Things to Know

Things to know at EclipseCon…

Gather anytime during conference hours in the registration area located in Exhibit Hall A3. Enjoy comfy seating areas, people to talk with and refreshments.

Wear an “Ask Me About” sticker with your question to either the Exhibit Reception or Poster Reception and receive an extra drink ticket at the door.

Bring the coupon you received for voting for an award to the Awards Ceremony and have a beverage on us!

Look for a table to sit at during lunch with a topic of interest to you. Share, learn and eat!

Get connected on the free wireless internet by simply associating your WiFi card to the SSID EclipseCon 2006. If you need assistance, visit the wireless help desk in the registration area.

Open the small, white monitor-shaped package in your conference bag to find a one-size t-shirt with all the sponsors listed.

Check the website for tutorial requirements (i.e. downloads, etc.)

Consider the environmental practices the Eclipse Foundation put into place to minimize the conference’s impact on the community such as:

- Minimizing the use of paper by not printing a registration brochure and producing presentations on USB keys instead of paper
- Printing the conference program on 100% post-consumer paper
- Developing the Eclipsezilla submission system to minimize paper use for submissions, speaker agreements, etc.
- Using recycled plastic name badges
- Requesting recycle bins in meeting rooms and the exhibit hall
- Serving water in pitchers or containers instead of individual plastic bottles
- Reusing signs from last year whenever possible
- Requesting the hotels have linen and towel reuse programs

And more...learn about the rest on the conference website.

Gold Sponsors

Sybase is the largest global enterprise software company exclusively focused on managing and mobilizing information from the data center to the point of action. Sybase provides open, cross-platform solutions that securely deliver information anytime, anywhere, enabling customers to create an information edge. The world’s most critical data in commerce, communications, finance, government and healthcare runs on Sybase.

Win a $1,000 Amazon.com Gift Certificate

Passport to Eclipse

An important part of Eclipse is the ecosystem of commercial vendors that are building Eclipse based product. Here is your opportunity to learn more about the solutions from some of these vendors and win FREE stuff at the same time. You’ll find a passport in your conference bag and all you have to do is visit the booth of each vendor listed in this passport. Take the opportunity to learn about their products and they will also stamp your passport. Once the passport is filled, make sure your name and contact info is filled out. Then drop it off in the bin in the exhibit hall and get ready to win free stuff.

On Tuesday and Wednesday, at the end of each day, a prize will be drawn: one (1) $1,000 gift certificate for Amazon.com. The winners will be posted on a bulletin board near the exhibit hall. Prizes need to be claimed from registration before the end of the conference.
## Conference at a Glance

### Monday March 20th

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Name</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30am</td>
<td>(10) Rich Client Application Development</td>
<td>Jeff McAffer and Jean-Michel Lemieux</td>
<td>Ballroom A</td>
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<tr>
<td></td>
<td>(11) Data Tools Platform Project Tutorial</td>
<td>Rob Cernich, Brian Payton, Linda Chan and Hui Cao</td>
<td>Ballroom B</td>
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<td></td>
<td>(12) Plug-in Development 101: Anatomy of a Plug-in</td>
<td>Wassim Melhem</td>
<td>Ballroom C</td>
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<td></td>
<td>(13) Graphical Editing Framework Tutorial</td>
<td>Randy Hudson</td>
<td>Ballroom D</td>
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<td></td>
<td>(14) Foundations of UI Development with Eclipse</td>
<td>Michael Van Meekeren and Kimberly Horne</td>
<td>Ballroom E</td>
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<td></td>
<td>(15) Introduction to the Eclipse Modeling Framework</td>
<td>Dave Steinberg and Nick Boldt</td>
<td>Ballroom F</td>
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<td></td>
<td>(16) Extending the Web Tools Platform, Part 1</td>
<td>Konstantin Komissarchik, Gorkem Erkan and Tim deBoer</td>
<td>Ballroom G</td>
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<tr>
<td></td>
<td>(17) Tutorial: Text Editor Recipes</td>
<td>Tom Eicher and Martin Aeschlimann</td>
<td>Ballroom H</td>
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<td>(20) Just Enough Intellectual Property Law to Manage an Open Source Project</td>
<td>Cliff Schmidt</td>
<td>Room 203</td>
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<td>(21) Adding a New Language to the CDT</td>
<td>Jeff Overbey and Spiros Xanthos</td>
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<td>(22) Problem Determination of J2EE Web Applications Using</td>
<td>Paul Slauenwhite</td>
<td>Room 209</td>
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<td></td>
<td>the Eclipse Test and Performance Tools Platform (TPTP)</td>
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<td>(23) Assist your users with Eclipse User Assistance</td>
<td>Dejan Glozic and Curtis d’Entremont</td>
<td>Room 210</td>
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<td></td>
<td>(30) Profile your Java application using the Eclipse</td>
<td>Eugene Chan and Guru Nagarajan</td>
<td>Cypress</td>
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<td>Test and Performance Tools Platform (TPTP)</td>
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<td>(31) Aspect-Oriented Programming with AspectJ</td>
<td>Matt Chapman, Matthew Webster and Mik Kersten</td>
<td>Bayshore</td>
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<td></td>
<td>(32) The Eclipse Debug Framework</td>
<td>Darin Wright and Michael Rennie</td>
<td>Magnolia</td>
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<tr>
<td></td>
<td>(70) Designing Eclipse APIs</td>
<td>Boris Bokowski, John Arthorne and Jim des Rivieres</td>
<td>Great America Meeting Room 1</td>
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<tr>
<td></td>
<td>(S1) Agile Application Development with Eclipse and Pragmatic MDA</td>
<td>Prashanth Shidlaghatta and Michael Sawicki</td>
<td>Lafayette/San Tomas/Law</td>
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<tr>
<td></td>
<td>(S2) BEA Workshop for JSF 3.0 Tutorial</td>
<td>Pieter Humphrey and Greg Stachnick</td>
<td>Winchester</td>
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<td></td>
<td>(S3) An Introduction to the C/C++ Development Tools (CDT)</td>
<td>Bill Graham</td>
<td>Steven’s Creek</td>
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<tr>
<td>12:00</td>
<td>Lunch</td>
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<tr>
<td>1:30pm</td>
<td>(40) Java Web Application Development with Eclipse WTP</td>
<td>Lawrence Mandel, Naci Dai and Arthur Ryman</td>
<td>Ballroom A</td>
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<tr>
<td></td>
<td>(41) Advanced UI Development with Eclipse</td>
<td>Michael Van Meekeren and Kimberly Horne</td>
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<td>(42) Eclipse Communication Framework (ECF)</td>
<td>Scott Lewis and Chris Aniszczyk</td>
<td>Ballroom C</td>
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<td>(43) BIRT In Depth: Extending and Using the BIRT Framework</td>
<td>Scott Rosenbaum, Jason Weathersby and Krishna Venkatraman</td>
<td>Ballroom D</td>
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<td></td>
<td>(44) Building Commercial-Quality Eclipse Plug-Ins</td>
<td>Eric Clayberg and Dan Rubel</td>
<td>Ballroom E</td>
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<td>(45) Developing Eclipse Rich-Client Applications</td>
<td>Frank Gerhardt and Chris Wege</td>
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<td>(46) Extending the Web Tools Platform, Part 2</td>
<td>Chuck Bridgham and John Lanuti</td>
<td>Ballroom G</td>
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<td>(47) Extending the XML and JSP editors from the WTP Project</td>
<td>David Williams and Nitin Dahyabhai</td>
<td>Room 209</td>
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<td>(50) Automated Build Processes for Plugins, Fragments &amp; Rich Client Applications</td>
<td>Alex Blewitt</td>
<td>Room 203</td>
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<td></td>
<td>(S1) Creating your own Domain Specific Modeler using GMF</td>
<td>Frederic Plante, Steven R. Shaw and Artem Tikhomirov</td>
<td>Room 204</td>
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<td></td>
<td>(S2) Advanced Features of the Eclipse Modeling Framework</td>
<td>Kenn Hussey and Marcelo Paternostro</td>
<td>Room 209</td>
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<td></td>
<td>(S3) Component Programming with OSGI</td>
<td>Thomas Watson and Peter Kriens</td>
<td>Room 210</td>
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<td>(60) Eclipse Forms: Rich UI for rich clients</td>
<td>Dejan Glozic and Curtis d’Entremont</td>
<td>Cypress</td>
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<tr>
<td></td>
<td>(61) Achieving Continuous Integration with the Eclipse</td>
<td>Joe Toomey and Scott E. Schneider</td>
<td>Bayshore</td>
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<td></td>
<td>Test and Performance Tools Platform</td>
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<td></td>
<td>(62) Integrating Custom Debuggers into the Eclipse Platform</td>
<td>Darin Wright, Kevin Barnes and Samantha Chan</td>
<td>Magnolia</td>
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<td>(S4) Crystal Reports for Eclipse</td>
<td>Sean Johnson</td>
<td>Lafayette/San Tomas/Law</td>
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<tr>
<td></td>
<td>(S5) Constructing Web Services using the IBM's Eclipse-based Software Development Platform</td>
<td>Ann Marie Stenglein and Saleem Padani</td>
<td>Steven’s Creek</td>
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<tr>
<td>5:15pm</td>
<td>Eclipse Community Awards &amp; Gameshow</td>
<td></td>
<td>Magnolia</td>
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</tbody>
</table>

**NOTE:** Tutorials with an (S) are Sponsored Tutorials. Sessions will be held both at the Conference Center and at the Hyatt.

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detailed information on all EclipseCon events can be found at: [www.eclipsecon.org](http://www.eclipsecon.org)
Crystal Clear Reporting for Eclipse

Crystal Reports for Eclipse is designed specifically for Java application developers to create fully customized reports without ever leaving the Eclipse development environment.

Introducing Crystal Reports for Eclipse

Experience powerful, code-free reporting using a 100% pure Java Crystal report designer and engine. Build new reports, access existing Crystal reports, and deploy applications with Java reporting components or the BusinessObjects business intelligence platform—all without leaving the Eclipse development environment.

Crystal Reports for Eclipse provides developers with intuitive tools for report design, data access, and application integration to maximize your productivity. It takes full advantage of the Eclipse user interface, including dockable panes and context-sensitive menus, and plugs directly into the Eclipse IDE for a rich design experience, including data access via JDBC.

Crystal Reports for Eclipse. The choice is clear.

Business Objects is proud to sponsor the Open Source Pavilion at EclipseCon 2006.
# Conference at a Glance

## Tuesday March 21st

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<td>8:30am</td>
<td>Joel on Software in Person</td>
<td>Joel Spolsky</td>
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<td>9:30am</td>
<td>Exhibit Hall Open, 9:30am - 1:00pm and 3:00pm - 8:00pm</td>
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<td>Exhibit Hall A</td>
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<tr>
<td>9:45am</td>
<td>A Gentle Introduction to GEF</td>
<td>Koen Aers</td>
<td>Room 209&amp;210</td>
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<td></td>
<td>Evaluating the Eclipse Tools Platform for Strategic Development</td>
<td>Shane Pearson</td>
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<td>From Developer to Download: A Tour of the Eclipse Platform Build Factory</td>
<td>Kim Moir and Denis Roy</td>
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<td>NASA Mission Operations with the Rich Client Platform</td>
<td>Jeff Norris and Mark Powell</td>
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<td></td>
<td>STP Project Overview</td>
<td>Karl Reti</td>
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<tr>
<td>10:30am</td>
<td>Break</td>
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<tr>
<td>10:45am</td>
<td>Consuming and producing web services with WST and JST</td>
<td>Christopher M. Judd</td>
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<td>Developing data tools with the DTP SQL models and parsers</td>
<td>Brian Payton</td>
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<td>Embedded Rich Client Platform Overview and Update</td>
<td>Mark Rogalski and Gorkem Erkan</td>
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<td>Open Source Business Models: A View from Wall Street</td>
<td>Brent Williams</td>
<td>Ballroom ABGH</td>
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<tr>
<td></td>
<td>Panel: Scripting Eclipse</td>
<td>Ken Dyck, Ed Warnicke, Bjorn Freeman-Benson, Mark Melvin and Ward Cunningham</td>
<td>Theater</td>
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<tr>
<td>11:30am</td>
<td>Lunch Break</td>
<td>Douglas Pollock, Kimberly Horne, Michael Van Meekeren, Boris Bokowski and Paul Webster</td>
<td>Room 203&amp;204</td>
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<tr>
<td>1:00pm</td>
<td>Stories Along The Eclipse Way</td>
<td>John Wiegand and Erich Gamma</td>
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<td>2:15pm</td>
<td>EJB 3.0 Persistence and the Dali EJB ORM Project</td>
<td>Shaun Smith, Mike Keith and Neil Hauge</td>
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<td></td>
<td>Introduction to the Graphical Modeling Framework</td>
<td>Richard Gronback and Frederic Plante</td>
<td>Room 209&amp;210</td>
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<td></td>
<td>Panel: Managing Open Source Contribution</td>
<td>Ed Warnicke, Omar Tazi, Mike Turnlund, Tim Wagner, Kenneth Tam and John Kellerman</td>
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<td></td>
<td>Mylar: a Task Focused UI for Eclipse</td>
<td>Mik Kersten</td>
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<td>Plugin Architecture for RCP Applications</td>
<td>Patrick Paulin</td>
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<tr>
<td>3:00pm</td>
<td>Break</td>
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<tr>
<td>3:15pm</td>
<td>Data Tools for Rich Clients</td>
<td>John Graham</td>
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<td>Eclipse: Poised for Global Domination</td>
<td>John Andrews</td>
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<td></td>
<td>Honey, I Shrunk Eclipse!</td>
<td>Chris Laffira and Wing Hong (Albert) Ho</td>
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<td></td>
<td>Panel: Next Generation Client Platforms</td>
<td>Ian Skerrett, Jeff McAffer, Bill Scott and Mark Anders</td>
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<td></td>
<td>Parallel Application Development With Eclipse</td>
<td>Greg Watson</td>
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<tr>
<td>4:15pm</td>
<td>Short Talks • Five 9 minute talks at each location</td>
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<tr>
<td></td>
<td>Room 209 &amp; 210</td>
<td>• Accessibility Validation Plug-in (RAVEN) • Administering Eclipse site-wide for a large developer base • Eclipse Communication Framework • P3ML: An XML dialect for building branded user interfaces • Rich Client Platform (RCP) vs. Rich Internet Application (RIA) • How MODELWARE contributes to Eclipse • Lessons Learned with Eclipse in the U.S. Government • Web Applications are dead - Eclipse RCP rocks • Five Steps to Ensure Your Intellectual Property Toes the Line • Why Software Companies Should Publish Their Software Ingredients -- The Benefits are Transparent • What is ICU4J? • Ease to develop Rich Client Application by using Eclipse RCP • Native Application Builder - a GUI builder for C++ • Higgins Trust Framework • Technical issues in using RCP for commercial applications • Embedding and Integrating Native Application Components in Eclipse RCP • EMF ChangeRecorders • Eclipse SOA Plug-ins • From OSGi R3 to Eclipse and Equinox • Introducing the Eclipse Process Framework Tool • What’s New in UML2 • Extending JDT to support Java-like languages • Beyond Code Reuse: Adopting the Eclipse Architecture • Upgrading the entire world using Eclipse Update Manager • The Eclipse platform and embedded wireless networking</td>
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<tr>
<td>5:00pm</td>
<td>Exhibit Hall Reception</td>
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<td>Exhibit Hall A1</td>
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<tr>
<td>8:00pm</td>
<td>Business Objects Reception</td>
<td>Crystal Reports for Eclipse Open House</td>
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<td>Genuitec Reception</td>
<td>MyEclipse 5.0 Sneak Preview</td>
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**Exhibit Reception Sponsor**

Business Objects
Bridge the gap between development and deployment with Eclipse-based tools from HP.

Fill out our brief survey and visit us at Booth #606/507 and #608/509 for a chance to win an HP digital camera.

**HP Caliper**
HP Caliper is a general-purpose performance analysis tool for applications on Itanium®-based HP-UX and Linux systems. HP Caliper allows you to understand the performance and execution of your application and to identify ways to improve its run-time performance, all from within the Eclipse environment.

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HP Easy Deployment for Eclipse enables you to create an application, define an environment needed to test the application, and then deploy the application and run tests against it. It leverages the Smart Framework for Object Groups (SmartFrog), an open source framework for configuring and automatically activating distributed applications.

For more information on HP’s Eclipse-based solutions, go to:
www.hp.com/go/eclipsedev
Conference at a Glance

Wednesday March 22nd

8:30am  Comparing Apache and Eclipse  Greg Stein  Ballroom ABGH
9:30am  Exhibit Hall Open, 9:30am - 3:15pm  Exhibit Hall ABGH
9:45am  BIRT: The Eclipse Reporting Framework  Krishna Venkatraman  Room 209&210
        Bottom Up Marketing  Stephen O’Grady  Ballroom ABGH
        Probing Java application behavior with Probekit  Guru Nagarajan and Navid Mehregani  Theater
        Using the CDT on Large Legacy Projects  Doug Schaefer  Ballroom EF
        Your Action is My Command  Douglas Pollock  Ballroom CD
10:30am Break
10:45am DSDP - technology, roadmap, and getting involved  Doug Caff  Ballroom EF
        Eclipse and the Long Tail  Carl Zetie  Ballroom ABGH
        Java Annotation Processing (APT) in the Eclipse JDT  Gary Horen, Jess Carmis and Walter Harley  Theater
        Leveraging BIRT Reporting in Your Applications  Jason Weathersby  Room 209&210
        Redoing Undo: Eclipse 3.1 Undoable Operation Support  Susan Franklin  Ballroom CD
11:30am Lunch  Exhibit Hall B
1:00pm  Software Development Creativity the Wiki Way  Ward Cunningham  Ballroom ABGH
2:15pm  Common Navigator Framework for Platform/UI in 3.2  Michael D. Elder  Ballroom CD
        Panel: Enterprise Ready: Deploying Eclipse in large enterprises  Ian Skerrett, Chris Wege, Thomas Eitzenberger and Timothy Webb  Theater
        PHP IDE Project  Andi Gutmans and Stewart E. Nickolas  Ballroom ABGH
        Using and Extending the DSDP Target Management Framework  David Dykstal and Martin Oberhuber  Ballroom EF
3:00pm Break
3:15pm  Panel: Best Practices for Developing Eclipse RCP Applications  Ed Burnette and Boris Pruessmann  Theater
        Building a community for your open source project  Ian Skerrett  Ballroom ABGH
        Taking it on the road - Developer tools for J2ME  Kevin Horowitz  Ballroom EF
        The Eclipse 3.2 Debug Platform: Supporting a community of debuggers  Darin Wright and Samantha Chan  Ballroom CD
        XML Binding with the Eclipse Modeling Framework  Ed Merks  Room 209&210
4:15pm  Short Talks  Five 9 minute talks at each location
        Room 209 & 210  •  “Hello World” as a Headless Eclipse Plugin  •  Extending Eclipse and CDT for Embedded Systems Development with Scratchbox
        •  From .bat/ANT to a case study  •  Introducing the new JET editor  •  The AJAX Toolkit Framework
        •  Integrating Parallel Computing Performance Tools with Performance Cockpit  •  Integrating Model Driven Development
        •  Integrating TFTP in a RCP Management/Monitoring Console  •  Data binding with the Eclipse Platform
        •  Building speech recognition applications with the Voice Tools Project
        Ballroom ABGH  •  Eclipse, GCJ, and GNU/Linux Distributions  •  Extending Eclipse TFTP using the Generic Recorder Framework
        •  Managing APIs with Eclipse API Scanner  •  Bringing C/C++ tools to Eclipse
        •  JFire ® Open Source RCP based ERP framework
        Ballroom CD  •  Eclipse RCP applications and Enterprise Security  •  VizExplorer - A 3-D Visualization Tool for Planetary Exploration
        •  Programming language: the state of open source support  •  Time Travel made possible with Eclipse (temporal debugging)
        •  Hannover: The next release of Lotus Notes based on Eclipse RCP
        Theater  •  Ajax, OpenLaszlo and Eclipse  •  Textual Notation for EMF Models: A Generative Approach
        •  Evaluation of RCP as software-platform in Industrial Process Automation  •  Moving to Eclipse: the MDA-way
5:00pm Poster Reception  Exhibit Hall A1
7:30pm  IBM Rational Reception  Takin’ Care of Business  Room 201
Develop Database Driven Application In RCP

(A) Define Java entity-database mapping in XML with hibernate

```xml
<hibernate-mapping>
  <class name="com.inpowersoft.docore.biz.ElementValuesEntity">
    <id name="elvSeqId" type="bigint">
      <column name="ELV_SEQ_ID" sql-type="bigint" generator="native" />
      <timestamp name="modifDate" />
      <property name="eleSeq" column="eleSeq" />
    </id>
  </class>
</hibernate-mapping>
```

(B) Define data source, parent-child linkage & permission demarcations

```java
class ElementValueBlock extends Block {
  public ElementValueBlock(Composite parent, IFormParameter parameters) {
    super(parent, parameters, UiText.getText("ELEMENT_VALUE_BLOCK_TITLE"));
    new DataLink(ElementsSource.Attributes.elvSeqId, ElementValuesSource.
      new UiAttribute(value, UiAttribute.AUTO_SIZE),
      new UiAttribute(description, UiAttribute.AUTO_SIZE),
      new UiAttribute(startTime, UiAttribute.AUTO_SIZE),
      new UiAttribute(endTime, UiAttribute.AUTO_SIZE));
  }
}
```

(C) Define blocks to own the data source and present in UI components

- Unprecedented productivity
- Compatible with major databases
- No more JDBC programming
- Built-in declarative security
- Extensible APIs
- More Powerful than Oracle Forms but in Java/RCP!

```
public class ElementValueBlock extends Block {
  public ElementValueBlock(Composite parent, IFormParameter parameters) {
    super(parent, parameters, UiText.getText("ELEMENT_VALUE_BLOCK_TITLE"));
    new DataLink(ElementsSource.Attributes.elvSeqId, ElementValuesSource.
      new UiAttribute(value, UiAttribute.AUTO_SIZE),
      new UiAttribute(description, UiAttribute.AUTO_SIZE),
      new UiAttribute(startTime, UiAttribute.AUTO_SIZE),
      new UiAttribute(endTime, UiAttribute.AUTO_SIZE));
  }
}
```

Control insert/delete/update permission declaratively or via API on each block.

Form owns multiple Blocks and a transaction.

Block owns a DataSource and UI to present it. Multiple parentage hierarchy

Support provision of customer pop-up menus. Ability to do query-filter per block...

Foreign key lookup, date, number, money, string, etc all have provided built-in editors. Extensible editors.

Each data attribute bound to database can have its own UI editors and verifier to capture user input.

Manage multiple Forms from a tree.

Server-side logger

Point & Click Security-Capability

Server-side job scheduling

Shows active Block DataSource Status

Custom status indicators
**Conference at a Glance**

**Thursday March 23rd**

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<td>The Eclipse Effect: Changing the State of Development</td>
<td>Tod Nielsen</td>
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<td>9:45am</td>
<td>Challenges and solutions for building an Embedded IDE Platform in the Automotive Industry</td>
<td>Elias Volanakis and Stephan Eberle</td>
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<td>Eclipse Applied: Delivering Reliability, Quality, and Customer Satisfaction</td>
<td>John Cunningham and Brett Hackleman</td>
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<td>Migrating from Java Swing to RCP/SWT</td>
<td>Don Young</td>
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<td>Testing Applications Using the Eclipse Test and Performance Tools Platform (TPTP)</td>
<td>Paul Slauenwhite</td>
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<td>What's New in Web Tools 1.0 and 1.5</td>
<td>Arthur Ryman</td>
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<tr>
<td>10:30am</td>
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<tr>
<td>10:45am</td>
<td>Eclipse vs. Visual Studio</td>
<td>Madhu Siddalingaiah</td>
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<td>Embedded Client testing using the eRCP Test Harness</td>
<td>Ken Walker</td>
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<td>Getting your Plug-in Legal: a Primer for Eclipse Developers</td>
<td>Ira Heffan</td>
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<td>Overview of RCP GUI Building Tools for Eclipse</td>
<td>Eric Clayberg and Dan Rubel</td>
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<td>Using And Extending the Eclipse Web Tools Platform (WTP)</td>
<td>Hakeem Shittu</td>
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<td>11:30am</td>
<td>Lunch</td>
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**1:00pm Short Talks**  Six 9 minute talks at each location

- Room 203 & 204
  - Leveraging the TPTP Data Collection Framework
  - Equinox on a Slug
  - Nuclear Eclipse: Using Eclipse RCP for Nuclear Science
  - Using Maven 2.0 plugin for Eclipse to manage transitive dependencies
  - Creating an Eclipse IDE Command Line Interface

- Room 209 & 210
  - Addressing Security in the Eclipse Core Runtime (RCP)
  - Large Scale Eclipse Translation - Making it Work
  - Unconventional but Simple: Annotations to Customize EMF Editors
  - Remote classloading with J2EE and Eclipse RCP
  - Managing Large Scale Eclipse Adoption
  - Structural Analysis and Structural Anti-Patterns in Java

- Ballroom ABGH
  - Extending Eclipse To Support Your Compiler With CDT’s Managed Build
  - Extending the Eclipse JDT Debugger
  - SAFARI: A Platform for Generating Language-Specific IDE Support
  - Authoring in Eclipse
  - Implementing Aspect-Oriented RCP Applications
  - Using native legacy code in Eclipse plug-ins

- Ballroom CD
  - Top ten Eclipse annoyances
  - What is the Eclipse Process Framework?
  - Laszlo Tools Project
  - Eclipse and Apache Derby - a powerful combination for building database applications with ease
  - Continuous Integration for Eclipse Projects

- Ballroom EF
  - RCPApps.org
  - Leveraging Eclipse on OpenVMS for a process engineering platform
  - Managing Component Complexity with Buckminster
  - Top ten great, strange or weird open source plug-ins and RCP
  - Using Eclipse, Funambol and MySQL to create custom J2ME applications
  - Extending Eclipse’s Plug-in Concept to the SOA World

**2:15pm**

- 10 Tough Decisions You Must Make When Developing An Eclipse-based IDE | Ken Dyck and Mark Melvin | Room 203&204 |
- Build JavaServer Faces applications with the JSF Tools Project | Raghuram Srinivasan, Jonas Jacobi and Jean Choi | Ballroom EF |
- Contributing to Eclipse: Case Studies of Successful Fixes and Enhancements | John Kaplan and Philippe Ombredanne | Room 209&210 |
- RadRails - Using the Eclipse Rich Client Platform to Build An IDE | Matt Kent, Kyle Shank and Marc Baumbach | Ballroom ABGH |
- The making of JDT (Java Development Tools) | Dirk Baumer and Philippe Mulet | Ballroom CD |

**3:00pm Break**

**3:15pm**

- Adding SWT Appeal to your Application | Veronika Irvine and Steve Northover | Ballroom CD |
- Best Practices for Programming Eclipse and OSGi | Jeff McAffrey and BJ Hargrave | Ballroom ABGH |
- Eclipse User Assistance: Lessons from the trenches | Lee Anne Kowalski, Maria Brownstein and Dave Resch | Room 209&210 |
- Static Analysis Using the Eclipse Test and Performance Tools Platform (TPTP) | Steven Gutz | Room 203&204 |
- Web Services component level tracing with TPTP | Valentina Popescu | Ballroom EF |

**4:15pm Panel: Eclipse Community Project Spot Light** | Mike Milinkovich, Tim Wagner, John Graham, Doug Caff and Wenfeng Li | Ballroom EF |
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Team System Access
Teamprise allows developers to access the source control and work item tracking features of Microsoft's Team Foundation Server.

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All of the Teamprise client applications are written entirely in Java.

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The Teamprise applications will be fully supported on Linux (and other UNIX variants) and Mac OS X, as well as Windows.

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Deploy Team System across the enterprise with ease. The Teamprise client suite enables your entire software development team to use the source control and work item tracking features of Team Foundation Server from other platforms, including Linux and Mac OS X, and from within the Eclipse IDE. No additional server setup required. Contact us directly at (217) 356-6515 or visit www.teamprise.com to download the latest release.

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The New Development Standard

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Stop by the MyEclipse booth (514)
Join the MyEclipse team for an interactive session showcasing the latest Enterprise Workbench release
Room: 206 Date/time: Tuesday, March 21, 8–10 PM
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Hyatt floor plan
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Having:
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As an industry leader and technology visionary, Telelogic is actively involved in shaping the future of advanced systems and software development by participating in industry organizations such as INCOSE, OMG, BPMI.org, The Open Group, Eclipse, ETSI, ITU-T, and the TeleManagement Forum.

Headquartered in Malmö, Sweden with U.S. headquarters in Irvine, California, Telelogic has operations in 18 countries worldwide. For more information, please visit www.telelogic.com.

Wind River is the global leader in device software optimization (DSO). We enable companies to develop and run device software better, faster, at lower cost, and more reliably. Wind River technology is currently deployed in more than 300 million devices worldwide by industry leaders like Apple, Hewlett Packard, Boeing, Motorola, NASA, and Mitsubishi. Founded in 1981, Wind River is a publicly held company headquartered in Alameda, California, with operations worldwide. Wind River stock is traded on NASDAQ (WIND)

Founded in 1998, Scapa Technologies is a privately held, venture-backed, independent software vendor based in Edinburgh, UK. Scapa Technologies develops application performance testing, diagnosis and monitoring technology applicable across a range of commercial software technologies at multiple points in the software lifecycle. Working with its distribution and reseller partners worldwide across industry vertical sectors, Scapa helps organizations remain productive and competitive by ensuring the performance of their IT systems. Scapa Test and Performance Platform 3.2 is based on Eclipse TPTP where Scapa has made significant contributions. Scapa is also working on SOA tools with the Eclipse STP project www.eclipse.org/stp/.
Alphabetical List of Exhibitors

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Passport to Eclipse Game and Drawing

An important part of Eclipse is the ecosystem of commercial vendors that are building Eclipse based product. Here is your opportunity to learn more about the solutions from some of these vendors and win FREE stuff at the same time. You’ll find a passport in your conference bag and all of you have to do is visit the booth of each vendor listed in this passport. Take the opportunity to learn about their products and they will also stamp your passport. Once the passport is filled, make sure your name and contact info is filled out. Then drop it off in the bin in the exhibit hall and get ready to win free stuff.

Exhibit Hall

Hours

Tuesday, March 21
9:30am - 1:00pm & 3:00pm - 8:00pm

Wednesday, March 22
9:30am - 3:15pm
Exhibitors

AccuRev:

AvantSoft, Inc.:
AvantSoft is a market leader since 1996 and provides high quality training, consulting, and full development and professional services for Eclipse, J2EE, Web Services, Struts, Hibernate, Spring, JSP, JSF, XML, DHTML, and AJAX using Eclipse, JBoss, WebLogic/Workshop, and WebSphere/RAD platforms. AvantSoft provides private onsite, public, and customized training. For Eclipse, complete development services include onsite and outsourced project work involving requirements gathering, analysis and design, architectural reviews, structuring of plug-ins, development of plugins and RCP applications by extending JDT/CDT and using frameworks such as GEF, custom update and deployment solutions, testing, support, and maintenance. Visit http://www.avantsoft.com for more information.

Catalyst Systems Corporation:
Openmake, the leading enterprise build management solution by Catalyst Systems Corporation, liberates developers from the low-value, high-cost task of writing and managing static build scripts. From Make to Ant, Openmake provides consistent, reliable and 100% re-usable builds.

Openmake supports .Net, Eclipse, IBM RAD, Java, J2EE, C on Windows, UNIX, Linux and z/OS.

Codign Software:
Everyone understands the importance of unit testing code, yet often wait for a problem to occur before implementing a solution. One reason is because no one likes unit testing. Another is the time and cost dedicated to unit testing efforts. Codign Software is proud to present CoView - an automated, affordable solution that creates the right JUnit test the first time and lets managers and developers worry about their other problems.

CoView provides JUnit automation, detailed coverage analysis and valuable reports for developers and managers.

DHI Technologies Inc.:
Founded in 2003, DHI Technologies, mission is to empower developers to create richer and more interactive web applications. We invent software development tools to enable programmers to deliver feature-rich, interactive, and highly responsive web-based applications. Our flagship product, JS-Sorcerer, is a set of tools that increases the productivity of JavaScript developers. JS-Sorcerer’s powerful analysis helps developers quickly locate and fix JavaScript problems. Its cross-browser code generator translates standard programs into JavaScript programs that will run on all popular browsers.

For more information, visit http://www.dhitechnologies.com

Discovery Machine:
The world’s experts, scientists, researchers, engineers, military personnel and many others are in increasingly short supply, and their constantly evolving knowledge is not easily leveraged. Today, the sheer amount of data overwhelms our ability to make effective use of it.

To surmount these challenges, we developed the Discovery Machine, novel software that enables experts to easily computerize their own strategies for solving complex problems. We augment this robust, innovative knowledge capture and engineering toolset with a full complement of services and training.

No other company captures knowledge to create working visual models in a package easily accessible to non-technical users.

eClarus Software LLC:
eClarus offers affordable products for business process model driven development and integration projects, where business analysts collaborate with SOA Architects for better governance, compliance, and quality. eClarus products are powerful, easy to use, and implement SOA BPM open standards for analysis and modeling. Download full-function trial software to see how you can accelerate projects using intuitive process diagramming with inherent BPMN compliance, flexible documentation, goals, requirements, and properties association, visual programming in Eclipse for BPMN-BPEL Round Trip Engineering, BPEL generation from BPMN and WSDL, BPMN generation from BPEL, BPEL extraction from UML or XPDL, BPEL editing, execution, and more.

Continued on page 26
Exadel Inc.:  
Exadel is a leading provider of software, services and support that enables companies to create mission-critical business applications based on open source and Java technologies. Exadel’s product line includes Exadel Studio Pro, the most advanced enterprise-level Web application development for Eclipse that supports J2EE, AJAX, JSF, Struts, Hibernate, MyFaces, Oracle ADF, Shale, Spring and others. In addition, Exadel is announcing a brand new rich component development platform for JSF that allows users to easily add AJAX and skinnability features to their Web applications. Exadel services include custom online and onsite training, Exadel Development Boost and Exadel Professional Services.

Genuitec:  
Genuitec, LLC is an Eclipse-based company offering innovative Java and J2EE® development tools. Genuitec offers training and expert consulting and development services for the Eclipse SDK and Rich Client Platforms. A sponsor of Eclipse Plugin Central, Genuitec joined the Eclipse Foundation early in 2003 and is currently on the board of directors, actively participating in the strategy development and direction of the organization. Genuitec LLC was founded in 1997 and is headquartered in Plano, Texas.

ILOG, Inc. – Graphics Components:  
ILOG delivers software and services that empower customers to make better decisions faster and manage change and complexity. Over 2,500 global corporations and more than 465 leading software vendors rely on ILOG’s market-leading business rule management system (BRMS), optimization and visualization software components, to achieve dramatic returns on investment, create market-defining products and services, and sharpen their competitive edge. The BRMS market share leader, ILOG was founded in 1987 and employs more than 700 people worldwide. For more information, please visit http://www.ilog.com.

InPowerSoft Corporation:  
InPowerSoft Corporation’s provides a cutting edge technology that implements Oracle Forms functionality in Java under Eclipse RCP. Database application developers will enjoy instantly and substantial productivity increase in developing most database driven applications on a reliable platform with InPowerForms. The business impact in using InPowerForms with substantial productivity gain and reliability will make cost saving via outsourcing negligible! InPowerForms was first developed in cooperation with Oracle Corporation using Java Swing. It is positioned to replace Oracle Forms for any new development that seeks Rich Client functionality but require Enterprise database supports. InPowerForms will support all major databases.

Instantiations, Inc.:  
Instantiations, Inc. provides leading edge software products, services and technologies for Java. Through our industry partnerships with IBM and Eclipse, Instantiations ensures that our products integrate seamlessly with the latest development environments and platforms. Instantiations is a member of the Eclipse Foundation and offers a line of products for Eclipse, IBM Rational and WebSphere Studio Java development tools. Based in Portland, Ore., Instantiations was founded in 1997 by a team of internationally recognized pioneers in the field of component software technology. Instantiations can be reached at (800) 808-3737. More information may be found at www.instantiations.com.

Ivis Technologies:  
Ivis Technologies is a leading provider of software solutions that enable organizations to merge process improvement with live project execution. In an increasingly competitive and evolving market place, organizations that optimize their processes and make the best use of resources, benefit with increased efficiency and productivity.

Ivis developed xProcess in order to help organizations to be more efficient, productive and agile. It’s an environment that brings together process management with project planning, forecasting and execution. Although conceived to address the issues associated with agile software development, xProcess is an asset within any organization, where skilled professionals collaborate to fulfill complex goals and where there is a need to optimize plans, improve processes and manage resources.
Exhibitors

**Klocwork:**
Klocwork is the leading provider of static analysis software that detects and prevents software security vulnerabilities and software defects at “Time Zero” - the lowest cost correction point in the software development process. Fully integrated into the Eclipse IDE, Klocwork K7 is targeted at companies who build C, C++ or Java software and need to ensure that their products are of the highest quality and don’t contain critical security vulnerabilities. Customers like Cisco, Motorola, and Raytheon reference us as delivering significant value to their world-class development teams. We can help yours too - visit www.klocwork.com to learn more.

**OpenLogic:**
OpenLogic provides solutions that help enterprises to maximize the benefits of open source. The OpenLogic technology platform lets you efficiently deploy, use and manage open source software. OpenLogic also provides a certified library of open source software and consolidated support services that make your open source infrastructure enterprise-ready.

**Perforce Software:**
Perforce Software Inc. develops, markets and supports Perforce, the Fast Software Configuration Management System. The Perforce SCM System holds the IBM Ready for WebSphere Studio software certification, and its plug-in for WebSphere Studio(P4WSAD), supports the WebSphere Studio Workbench and Ready for WebSphere Studio software family of products. P4WSAD allows access to Perforce from within the WebSphere IDE, as well as from within Eclipse 2.0.2 or higher, providing easy access to all basic Perforce functions. Perforce ensures development integrity by grouping multi-file updates into atomic changes, enables concurrent development, and intelligently manages multiple software releases using its Inter-File Branching system.

**SlickEdit Inc.:**
SlickEdit Inc. provides software developers and OEM partners with multi-language development tools and the most advanced code editors available. Proven on Windows, Linux, UNIX and Mac OS X platforms, SlickEdit products enable even the most accomplished developers to code faster and meet increasingly aggressive deadlines. SlickEdit is a member company of the Eclipse Foundation.

**Teamprise:**
Deploy Team System across the enterprise with ease.

Teamprise offers a suite of cross-platform client applications for accessing the source code control and work item tracking features of Microsoft Visual Studio 2005 Team System.

The Teamprise plug-in for Eclipse allows developers to access Team System from within Eclipse, IBM WebSphere Studio and Rational Application Developer. Teamprise also includes a stand-alone client application featuring an Explorer-style user interface and a command-line client suitable for scripting and non-GUI scenarios.

The Teamprise clients are written entirely in Java and fully-supported on Linux, Mac OS X and Windows. No additional server setup is required.

**Zend Technologies:**
Zend Technologies, Inc., the PHP company, is the leading provider of products and services for developing, deploying and managing business-critical PHP applications. Zend's founders are the architects of PHP, which is used by more than 22 million Web sites and has quickly become the most popular language for building dynamic Web applications. Deployed at more than 10,000 companies worldwide, the Zend family of products is a comprehensive platform for supporting the entire lifecycle of PHP applications.

detailed information on all EclipseCon events can be found at: www.eclipsecon.org
Embedded Pavilion

Accelerated Technology
Booths 303/402/305/404:
Accelerated Technology, a division of Mentor Graphics Corporation, is located in Mobile, Alabama and has engineering sites, sales offices and distributors worldwide. As a leading provider of royalty-free, embedded real-time operating system (RTOS) software, Accelerated Technology helps developers accelerate product time-to-market in a wide range of embedded device applications. Its comprehensive Nucleus RTOS includes software design tools, evaluation, test and verification software, kernels, middleware and Eclipse-based development tools. For more information, please visit www.acceleratedtechnology.com or e-mail us at info@acceleratedtechnology.com.

Klockwork
Booth 200:
Klockwork is the leading provider of static analysis software that detects and prevents software security vulnerabilities and software defects at “Time Zero” - the lowest cost correction point in the software development process. Fully integrated into the Eclipse IDE, Klockwork K7 is targeted at companies who build C, C++ or Java software and need to ensure that their products are of the highest quality and don’t contain critical security vulnerabilities. Customers like Cisco, Motorola, and Raytheon reference us as delivering significant value to their world-class development teams. We can help yours too ˆ visit www.klocwork.com to learn more.

LynuxWorks
Booths 203/205:
LynuxWorks is a world leader in the embedded software market, providing operating systems, Eclipse-based software development tools and consulting services for the world’s most successful communications, aerospace/defense, and consumer products companies. The company focuses on leading the embedded software market in performance and openness, and provides products based on today’s open standards such as POSIX, Linux and Eclipse. The Eclipse-based Luminosity IDE provides a powerful and consistent environment for all LynuxWorks RTOS products: BlueCat Linux, Linux-compatible LynxOS and LynxOS-178B for safety critical systems. Based on the CDT project, Luminosity contains GNU based compilers, an RTOS aware debugger and the SpyKer RTOS profiling tool giving embedded software engineers a comprehensive toolkit for both Linux and RTOS designs.

QNX Software Systems
Booths 301/400:
QNX Software Systems, a Harman International company (NYSE: HAR), is the industry leader in real-time, embedded OS technology. The component-based architectures of the QNX® Neutrino® RTOS and QNX® Momentics® development suite together provide the industry’s most reliable and scalable framework for building innovative, high-performance embedded systems. Global leaders such as Cisco, DaimlerChrysler, General Electric, Lockheed Martin, and Siemens depend on QNX technology for network routers, medical instruments, vehicle telematics units, security and defense systems, industrial robotics, and other mission- or life-critical applications. Founded in 1980, QNX Software Systems is headquartered in Ottawa, Canada, and distributes products in over 100 countries worldwide.

Telelogic
Booths 201/300:
Telelogic® is a leading global provider of solutions for automating and supporting best practices across the enterprise ˆ from powerful modeling of business processes and enterprise architectures to requirements-driven development of advanced systems and software.

As an industry leader and technology visionary, Telelogic is actively involved in shaping the future of advanced systems and software development by participating in industry organizations such as INCOSE, OMG, BPMI.org, The Open Group, Eclipse, ETSI, ITU-T, and the TeleManagement Forum.

Headquartered in Malmö, Sweden with U.S. headquarters in Irvine, California, Telelogic has operations in 18 countries worldwide. For more information, please visit www.telelogic.com.

Wind River
Booths 302/304:
Wind River is the global leader in device software optimization (DSO). We enable companies to develop and run device software better, faster, at lower cost, and more reliably. Wind River technology is currently deployed in more than 300 million devices worldwide by industry leaders like Apple, Hewlett Packard, Boeing, Motorola, NASA, and Mitsubishi. Founded in 1981, Wind River is a publicly held company headquartered in Alameda, California, with operations worldwide. Wind River stock is traded on NASDAQ (WIND)
**RadRails**  
**Booth 314:**  
Most developers are familiar with Eclipse as a Java IDE. There are plugins that provide support for alternative development environments in various languages but they usually end up coexisting with your default Java environment. The Eclipse Rich Client Platform offers the opportunity to build an Eclipse-based application from scratch, reusing existing components but including only what you need. RadRails is a Ruby on Rails IDE, built on the Eclipse RCP with that in mind - everything you need, and nothing you don’t.

**jLibrary**  
**Booth 215:**  
jLibrary is a DMS (Document Management System) based on Eclipse Rich Client Platform and built on top of Apache Jackrabbit a JSR-170 implementation. jLibrary is a tool oriented for personal and enterprise use. This double approach make from jLibrary an unique product. With jLibrary, you can classify your documents, videos, or any other media type. You can export those contents to static web pages based on templates, search on those content, add comments, categorize it, or navigate information with any WebDAV client.

**KDE**  
**Booth 115:**  
www.kde.org provides a free graphical desktop and application framework for Linux/Unix. Provided and third-party applications range from system utilities, typical desktop applications, scientific and educational programs, to a full office suite.

Built on top of the excellent Qt library for C++, the KDE framework provides efficient high level APIs and reusable components that are necessary in everyday applications. Application developers benefit from the rich class library that is lacking so much in the C++ standard.

We will demonstrate how Eclipse can be used to develop KDE applications.

**GNOME**  
**Booth 316:**  
The GNOME project aims to make a desktop environment that is intuitive and attractive for end-users as well as easy for developers to build applications. We will be demonstrating how Eclipse can be used easily program GNOME applications with either Java or C.

**uDig**  
**Booth 217:**  
uDig (User-friendly Desktop Internet GIS) is both a GeoSpatial Eclipse RC application and a platform through which GIS developers may create new, derived applications. It makes heavy internal usage of the Eclipse Modeling Framework, and also uses the Graphical Editing Framework to manage layouts for export.

uDig has been developed with an emphasis on open standards, extensibility, and open source development. uDig also makes use of experimental XSD-based schema assisted parsing and adaptive workflows.

**Spring Framework**  
**Booth 216:**  
Spring is a powerful open-source J2EE application framework that emphasizes the important principal of programming to POJO (plain-old-java-object) interfaces, and enables agile software development processes and code.

Spring is a layered, full-stack framework, allowing you to use as little or as much of it as you need. It contains a lightweight IoC (inversion of control) container, AOP functionality including AspectJ integration, integrated data-access and transaction abstractions, JMX support, JMS (message driven object) support, web MVC and web flow layers, and much more.

**Mozilla**  
**Booth 117:**  
Mozilla developers will be on hand at the Open Source Pavilion showing the latest work being done on various Mozilla projects, including Firefox.

**Apache Jakarta Commons**  
**Booth 317:**  
Jakarta Commons is an Apache Jakarta sub-project focused on all aspects of reusable Java components. It’s a vibrant and open community whose well focused components make for an easy way to get into open source development; and its APIs are dependent on by a huge range of projects, both open source and proprietary.

Commons is composed of three parts:  
- The Commons Proper - A repository of reusable Java components.  
- The Commons Sandbox - A workspace for Java component development.  
- The Commons Dormant - A repository of Sandbox components that are currently inactive.

**Midgard CMS**  
**Booth 416:**  
Midgard is an Open Source Content Management System built on top of the LAMP stack. It provides a component architecture for developing powerful and secure PHP applications that are easy to configure and customize for different environments.

This tutorial shows the Midgard site administration tools, and outlines how component development and remote Java Content Repository access to the Midgard database work.
Schedule of Special Events

Eclipse Community Awards & Gameshow
Monday, March 20, 5:15pm - 6:15pm
Magnolia Room, Hyatt
The Eclipse Community Awards are to recognize and thank the individuals and technologies that make Eclipse such a vibrant robust community. There are two categories of awards: 1) awards for individuals, and 2) awards for technologies and products. There are three categories for the individual awards: top ambassador, top contributor, and top committer. There are five categories for technology awards: best open source RCP application, best commercial RCP application, best open source Eclipse-based developer tool, best commercial Eclipse-based developer tool, and best deployment of Eclipse technology in an enterprise. The awards will be presented Monday evening at the Gameshow, starting at 5:15pm in the Magnolia room.

Exhibit Hall Reception
Tuesday, March 21
5:00pm - 8:00pm
Exhibit Hall A1
On Tuesday evening join us for an opportunity to browse the Exhibits and enjoy some refreshments. Our thanks to Business Objects for sponsoring this event!

Exhibit Hall
Tuesday, March 21
9:30am - 1:00pm & 3:00pm - 8:00pm
Wednesday, 9:30am - 3:15pm
Visit the Exhibit Hall to learn more about how Eclipse is being put to work. Get a first hand look at the latest Eclipse-based products and plug-ins. And, make sure you participate in the Passport to Eclipse game to win great prizes.

Genuitec Reception
Tuesday, March 21
8:00pm - 10:30pm
Room 207
“MyEclipse 5.0 Sneak Preview”
Genuitec will hold a special reception to preview upcoming technologies targeted for MyEclipse 5.0. Join the MyEclipse team for an interactive session showcasing the latest features in room 206 on Tuesday, March 21, between 8:00PM-10:30 PM

Business Objects

Business Objects Reception
Tuesday, March 21
8:00pm - 10:00pm
Room 207
“Crystal Reports for Eclipse Open House”
Come by the Crystal Reports for Eclipse Open House and meet the developers of Crystal Reports for Eclipse. Mingle with the Business Objects Eclipse team and fellow developers while you enjoy drinks, hors d’oeuvres, and demos. Get all your questions answered in a fun and relaxing environment.

IBM Rational Reception
Wednesday, March 22
7:30pm - 9:30pm
Room 201
“Takin’ Care of Business”
IBM Rational will briefly present to you what Compliance Driven Development means, why it should be important to you, and the tools that can make it all possible. We will highlight several Ready for IBM Rational software (http://www.developer.ibm.com/rational/readyfor.html) validated Business Partner plug-ins that expand the Rational Software Development Platform in the area of IT Compliance.

Join us for this informative update on the IBM Rational ecosystem of Eclipse solutions. Learn about the value of the Ready for IBM Rational software validation for Partner solutions.

Also Offered: Buffet Style Dinner and Bar

Poster Reception
Wednesday, March 22
5:00pm - 7:30pm
Exhibit Hall B
On Wednesday evening come and visit the posters and meet the authors and leaders of over 50 Eclipse-based projects and products. The poster reception is a great way to network with the Eclipse Community, sharing ideas, developing new project ideas and just having a chat over refreshments!

IBM

IBM Rational Reception
Wednesday, March 22
7:30pm - 9:30pm
Room 201
“Takin’ Care of Business”
IBM Rational will briefly present to you what Compliance Driven Development means, why it should be important to you, and the tools that can make it all possible. We will highlight several Ready for IBM Rational software (http://www.developer.ibm.com/rational/readyfor.html) validated Business Partner plug-ins that expand the Rational Software Development Platform in the area of IT Compliance.

Join us for this informative update on the IBM Rational ecosystem of Eclipse solutions. Learn about the value of the Ready for IBM Rational software validation for Partner solutions.

Also Offered: Buffet Style Dinner and Bar

Birds-of-a-Feather Sessions (BoF)
BoFs run 8:00pm - 9:30pm and 9:30pm - 11:00pm on Monday, Tuesday and Wednesday.
Join a BoF at EclipseCon! Birds of a Feather are informal meetings where you can share ideas, present and discuss specialized area with others in the Eclipse community. On Monday, Tuesday and Wednesday evenings, get together with your colleagues who have an interest in your special topic area! We’ll have special sign up sheets on-site and rooms will be allocated based on the number of signups by 5:00pm each day. BoFs run from 8:00pm - 9:30pm and 9:30pm - 11:00pm each day. If you’d like to lead a BoF at EclipseCon, visit the registration desk or the BoF sign up board.

Also Offered: Buffet Style Dinner and Bar
Compuware and Eclipse: A partnership that works for you

As an Eclipse Strategic Developer, Compuware has made a long-term commitment to expand and ensure the future of application life-cycle integration and tool interoperability within Eclipse. Come see the strength of our vision:

- Corona Project
  Compuware will unveil the Corona Project. By leading this effort, Compuware is helping customers and Eclipse users reduce costs, expedite the delivery of applications across the life cycle, and gain even more value out of Compuware application life-cycle solutions.

- OptimalJ®
  Learn how Compuware brings the productivity benefits of pragmatic MDA (Model Driven Architecture) to Eclipse users with Compuware OptimalJ.

Stop by the Compuware booths 309/408 and 307/406 for demos and receive firsthand information from our architects and developers.
The next major Eclipse phenomenon will occur on March 21. Best viewing will be from Booth 500 in the Santa Clara Convention Center.

Witness first-hand how the world of Eclipse RCP has been forever changed.

instantiations
www.instantiations.com  1-800-808-3737
Booth 500