

Saturday, March 13, 2004 at MIT room 34-101

## Using, Extending and Teaching Eclipse

Sherry Shavor

Eclipse contains a Java Integrated Development Environment (IDE), is a platform for building and integrating application development tools, and is an open source project and community. This seminar will introduce the Java developer to the Java IDE including covering Eclipse-specific navigation and terminology. Eclipse can be extended through the development of plug-ins. This seminar will describe the plug-in architecture, the process and the tools to use to develop plug-ins. Several user interface plug-ins will be built during the class.

Eclipse can be incorporated into academia to facilitate the teaching of the Java programming language as well as many architectural principles such as design patterns. This seminar will also describe how you can take advantage of Eclipse in a university.

### Who Should Attend

Java programmers who want to use Eclipse as their IDE, advanced users who want to customize their environment, and tool providers who seek to develop tools that will integrate with Eclipse. Also, computer science professors who are interested in incorporating Eclipse into their teaching or research.

### Seminar Topics

- Introduction to Eclipse
- Java Development Environment
- CVS Team Integration
- Plug-in Development
- Developing UI Plug-ins
- Teaching Eclipse
- Future - 3.0

### Lecturer

**Sherry Shavor** is a Senior Software Engineer at IBM in Research Triangle Park, North Carolina. Sherry most recently managed the Eclipse Jumpstart team, which provides Eclipse education to the IBM development community and business partners. Sherry has taught Java technology to customers in the US, Canada, and China. She has also taught at North Carolina State University. Since joining IBM, Sherry has held a variety of positions in product development, presented at numerous conferences, and published articles in the *Java Developer's Journal* and *IBM Systems Journal*. She received a B.S. in Computer Science at SUNY Stony Brook.

**Session Chair:** Peter Carmichael (pcarmichael@alum.mit.edu)

**Seminar Book Offers** (Publisher: Addison-Wesley)

**The Java Developer's Guide to Eclipse** by Sherry Shavor, et al:

List: \$49.99 PDS Price: \$35.00

**Contributing to Eclipse: Principles, Patterns, and Plug-Ins** by Erich

Gamma & Kent Beck:

List: \$39.99 PDS Price: \$35.00

Saturday, April 24, 2004 at MIT room 26-100

## MAC OS X for UNIX Geeks

Brian Jepson & Ernest Rothman

Under the classy Mac OS X user interface lurks a powerful Unix system. Although this makes it easier for seasoned Unix users to approach Mac OS X, there are some differences that are both frustrating and delightful. We will cover the advanced aspects of Mac OS X's BSD personality, focus on Mac-specific details that make it subtly different from other Unix systems, the use of Open Source applications, and Scientific Computing

### Who Should Attend

Unix users making the switch to Mac OS X, and Mac OS X users who have no prior Unix experience but want to explore the power of Mac OS X's Unix foundation. Also, Macintosh systems administrators who want a deeper understanding of Mac OS X's Unix personality.

### Seminar Topics

- Customizing the Terminal and Shell
- File System View from Finder Vs. Unix Shell
- Compiling Open Source Applications with Fink and Darwin Points
- Secure, Remote Access Using SSH, X11, and VNC
- MAC OS X for Scientific Computing
- Available H/W and S/W
- High and Low Profile Examples
- Role of X11
- Challenges and Opportunities
- Online Resources

### Lecturers

**Brian Jepson** is an O'Reilly editor, programmer, and co-author of MAC OS X books. He's also a volunteer system administrator for AS220 (<http://www.as220.org>), a non-profit arts center in Providence, Rhode Island, which gives artists uncensored and unjuried forums for their work. These forums include galleries, performance space, and publications.

**Ernest E. Rothman** is an Associate Professor of Mathematics and Chair of the Mathematical Sciences Department at Salve Regina University (SRU) in Newport, Rhode Island. He has published in the *SIAM Journal on Numerical Analysis* and is a co-author of MAC OS books. Ernie holds a PhD in Applied Mathematics from Brown University.

**Session Chair:** Edward Freedman (Edward.Freedman@acm.org)

**Seminar Book Offers** (Publisher: O'Reilly & Associates)

**MAC OS X Panther for Unix Geeks** by Brian Jepson, Ernest E. Rothman: List: \$24.95 PDS Price: \$15.00

**Learning Unix for MAC OS X Panther** by Dave Taylor, Brian Jepson: List: \$19.95 PDS Price: \$15.00

**Running MAC OS X Panther** by James Duncan Davidson: List: \$39.95 PDS Price: \$25.00

## General Information

Saturday, May 1, 2004 at MIT room 34-101

## Scalable Vector Graphics (SVG)

Ivan Herman

SVG is one of the 'hot' topics of the day on the Web. After years of development we finally have a tool to produce 2D graphics on the Web using an open, standard format based on XML. However, SVG is not only a translation to XML of well known and traditional graphics tools known in computer graphics for years; it also includes a number of additional possibilities (scripting, SVG fonts, animation, filtering) which makes it a really exciting new technology. This tutorial will give an in-depth introduction into the possibilities of SVG, practical information on how to use SVG, what tools, user agents are available, etc. Finally, it will also give an idea of the future evolution of SVG beyond the current recommendation.

### Seminar Topics

- Transformation and structing of graphics in SVG
- Geometry, Geometrical Attributes, Font Management
- Clipping, Masking
- CSS Styling
- Filters
- Animation
- Scripting

### Lecturer

**Ivan Herman** graduated as a mathematician at the Eötvös Lóránd University of Budapest, Hungary, in 1979. After a brief scholarship at the Université Paris VI he joined the Hungarian research institute in computer science SZTAKI where he worked for 6 years (and turned into a computer scientist...). He then spent 3 years at a software house in München, Germany, before joining the Centre for Mathematics and Computer Sciences (CWI) in Amsterdam in 1988 where he currently holds a tenured position. He received a PhD degree in Computer Science in 1990 at the University of Leiden, in the Netherlands. Ivan then joined the permanent team of the World Wide Web Consortium (W3C) as a Head of Offices in January 2001 while maintaining his position at CWI. He was also the co-chair of the 9th World Wide Web Conference, in Amsterdam, May 2000.

**Session Chair:** Peter Carmichael (pcarmichael@alum.mit.edu)

**Seminar Book Offers**

**SVG Essentials** by J. David Eisenberg

Publisher: O'Reilly & Associates

List: \$34.95 PDS Price: \$25.00

**SVG Unleashed** by Andre wWatt et al

Publisher: SAMS

List: \$49.99 PDS Price: \$35.00

### Schedule

8:30-9:00	Registration
9:00-12:15	Morning Session (break ~10:30)
12:15-1:30	Lunch (provided on-site)
1:30-4:30	Afternoon Session (break ~ 2:30)
5:30-7:30	Optional Dinner with Speaker (self pay)

### Registration Fees

Seminar materials, lunch, and refreshments are included in the \$80 fee. Registrants not current members of the GBC/ACM are charged an additional \$10, and become members of the chapter for a year. This is distinct from ACM membership. Surcharge for on-site registration is \$10. Purchase orders, faxes and e-mail cannot be accepted. Credit Cards will only be accepted if you register online at:

<http://www.gbcaacm.org/registration>

Enrollment is limited and on a first-come, first-served basis. Early registration must be made by a check or money order by mail, or by credit card online, at least three weeks in advance of the seminar, to receive confirmation from GBC/ACM.

### Cancellation & Refund Policy

Cancellations must be received in writing. The full seminar fee will be refunded if the PDS Registrar receives written notification before the start of the seminar, addressed to:

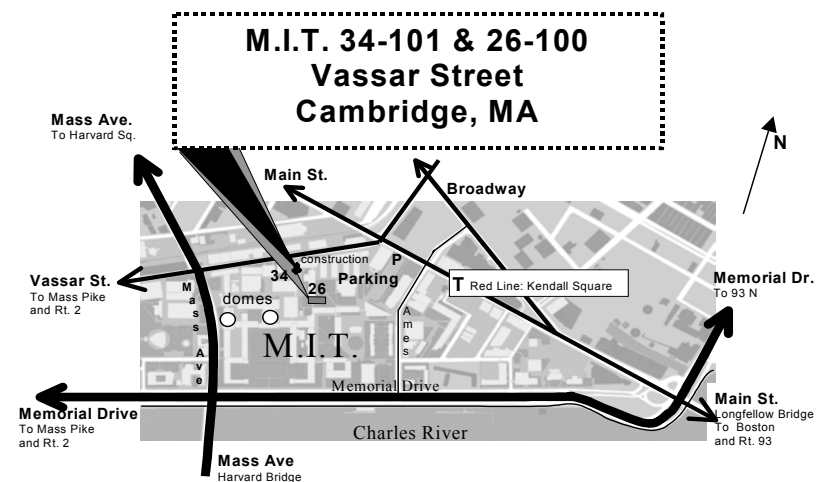
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PO BOX 465  
Lexington, MA 02420-0005

Refund requests received after the seminar date will be subject to a \$15 administrative fee. The \$10 membership fee will not be refunded. If the books are not available at the time of the seminar, the amount prepaid for the book will be courteously refunded

### Questions???

<http://www.gbcaacm.org> or call (781) 862-1181

## Directions to MIT



### Construction is complete on Vassar Street!! It is two way again.

**Building 34** is located on Vassar Street about half way between Main Street and Massachusetts Ave. It is a small square building turned 45 degrees to the street so it may look like a diamond, especially with a glass atrium entrance. Building 34 is set back a few yards from the street and the line of other buildings. It is between buildings 36 and 38.

**Building 26** is located behind Building 34 as you come from Vassar Street.

Look for the building that has a raised corridor on the second floor, and an open walkway beneath it. Enter the double black doors (signs will be posted).

#### Parking:

There is free parking on Vassar Street all Saturday and there is a parking lot at the corner of Vassar and Main. The entrance to the parking lot is located on Main Street. There is also a commercial parking lot at the intersection of Vassar Street and Mass Ave. There is another commercial garage on Ames Street, behind Legal Seafood.

**Public Transportation:** Red line to Kendall Square. Walk west on Main Street to Vassar Street; Turn left on Vassar and walk halfway to next light to building 34.

## March Events

### Boston University Corporate Education- Project Management Free Seminar

Date: Any one of multiple sessions (March 11, 15, 30)

Time: 6 PM - 9 PM

Location: 3/11 - Westborough, MA; 3/15 - Tyngsboro, MA; 3/30 Walham, MA

Attend this FREE class and gain an understanding of the recent trends in project management, why project management is so popular, and the benefits and requirements of PMP Certification. This session will be taught by a PMP certified expert who will lead you in discussion and engage you in an exercise to rate your organization's project management readiness.

FOR MORE INFORMATION: <http://www.butrain.com/misc/z100.asp?DEPT=MDP&source=19347>

### Microsoft DevDays 2004 - Boston

Date: March 16, 2004

Time: 8 AM - 5 PM

Location: Marriott Copley Place, 110 Huntington Avenue, Boston, MA

FOR MORE INFORMATION: <http://msdn.microsoft.com/events/devdays/registration/locations/default.aspx#east>

### Boston SPIN

Topic: Saying No: A Short Course for Project People

Speaker: Rick Brenner

Date: Tuesday, March 16, 2004

Time: 6:00 to 8:30 PM

Location: The MITRE Corporation, S Building, Bedford, MA

This program will give you the tools you need to assess pressure situations, and, when appropriate, to help convert pressure and opposition to joint problem-solving. Far from the dry, laptop-driven format of most corporate presentations these days, the program is interactive and experiential. Not only is this approach effective as a presentation tool, it's lively and fun. Attendees will be better able to contribute to project success by helping the organization find new choices.

FOR MORE INFORMATION: <http://www.boston-spin.org/topic.html>

### Boston University Corporate Education - Defeating the Hacker and Understanding the Need for Security

Date: Tuesday, March 23, 2004

Time: 6 PM - 9 PM

Location: Boston University Corporate Education Center, 100 Cambridge Park Dr. 2nd fl Cambridge, MA

This FREE event will cover the following topics: concerns for your organization (attackers, hackers, crackers), the hacker's methodology (information gathering and probing for security weaknesses), types of attacks (eavesdropping, data modification, identify spoofing, password-based attacks), security, objectives (data integrity, data confidentiality, data availability), intrusion analysis (prevention, detection, response and recovery), incident preparation (risk management, host preparation, a response toolkit, the incident response team), risk management (asset identification, threat identification, vulnerability analysis, risk analysis, safeguard selection, and more). Most importantly, is your organization secure?

FOR MORE INFORMATION: <http://www.butrain.com/misc/z100.asp?DEPT=ITP&source=19347>

### IEEE Consultants Network Meeting

Topic: Contract Issues for Consultants and Clients - Legal Issues in Consulting, Licensing, Subcontracting, & Software Development

Speaker: Robet Adelson; Zimble & Brettler, LLP

Date: Wednesday, March 24, 2004

Time: 7:00 PM

No charge for meeting, no pre-registration, casual dress.

FOR MORE INFORMATION: <http://www.boston-consult.org> (email: [cn.boston@ieee.org](mailto:cn.boston@ieee.org))



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#### Predictable Software Development

(Call the IEEE office for discount information on attending more than one part)

##### Part I - Management's Role in Achieving Predictable Software Development

*An Interactive Workshop Senior Management*

Date and Time: April 5, 8:30am - noon

Location: TBD; Along Rte. 128 Between Waltham - Burlington

##### Part II - Building Realistic Project Schedules From Software Requirements

*An Interactive Workshop for Software Project Teams*

Date and Time: April 6, 8:30am - 4:30pm

Location: TBD; Along Rte. 128 Between Waltham - Burlington

##### Part III - Software Verification & Validation: An Overview for Practitioners

*An Interactive Workshop for Project Leads, SQA and Development Staff*

Date and Time: April 7, 8:30am - 4:30pm

Location: TBD; Along Rte. 128 Between Waltham - Burlington

#### How to Build & Maintain a Profitable Consulting Practice

Date and Time: Saturday, March 27, 8:30 am - 5pm

Location: TBD; Along Rte. 128 Between Waltham - Burlington

#### EMC Essentials - Shielding & Grounding

Date and Time: Tuesday, March 23, 9 am - 4pm

Location: TBD; Along Rte. 128 Between Waltham - Burlington

#### WDM System Design and Implementation

Date and Time: Saturday, April 24; 8:30 am - 5:00pm

Location: TBD; Along Rte. 128 Between Waltham - Burlington

#### Practical Phased-Array Antenna Systems and Adaptive

#### Arrays for radar and Communication Systems

Date and Time: Mondays, 6 - 9pm; Feb. 23, March 1, 8, 15, 22, 29, April 5, 12, 26, May 3

Location: TBD; Along Rte. 128 Between Waltham - Burlington

**Real Times Editor**

Rochelle Goren, rgoren@aol.com  
 Jeff Rosenberg, JLR@alum.mit.edu

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Timely notices of events, meetings, and other activities of interest to the Chapter's Membership should be submitted by the 10th of the month Before the intended issue and sent, with attention to the Managing Editor to:

**GBC/ACM, P.O. Box 465, Lexington, MA 02420  
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The Chapter's mailing list is available to related professional organizations or for commercial use. Please contact the Membership Chair at the address above when requesting mailing lists.

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- Email link to posted PDF Newsletter
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- Paper, mailed Newsletter

Only 20 respondents, with only one asking for paper.

Find the survey results at:

<http://www.jconne.com/survey/surveyresults.nhtml?profile=survey>

**Offshore Outsourcing: Magic Bullet or Dirty Word?**

"...If things continue in the direction they are currently going, corporate America will someday have to begin outsourcing customers for their products."

Jack Martin  
 "Offshore Outsourcing: Magic Bullet or Dirty Word?"  
 Java Developer's Journal (JDJ) February 2004 issue.

**Websites of some Local Groups**

**GBC/ACM**  
[www.gbcacm.org](http://www.gbcacm.org)

**SIGGRAPH**  
[www.siggraph.org/chapters/boston](http://www.siggraph.org/chapters/boston)

**Boston SIGCHI**  
[www.gbsigchi.org](http://www.gbsigchi.org)

**WebTech**  
[www.acm.org/chapters/webtech](http://www.acm.org/chapters/webtech)

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[www.boston-spin.org](http://www.boston-spin.org)

**IEEE**  
[www.ieeeboston.org](http://www.ieeeboston.org)

**IEEE Consultants Network**  
[www.boston-consult.org](http://www.boston-consult.org)

**Boston Area User Group Calendar**  
[www.bugs.org](http://www.bugs.org)

**Future Events**

20th International Conference on  
**Data Engineering**  
 March 30 - April 2 - Omni Parker House Hotel Boston, MA  
 Sponsored by the IEEE Computer Society  
<http://www.cse.uconn.edu/icde04>

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We would like to welcome a new PDS Sponsor:

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Seminar	Advanced Registration	Walk In	Amount
<b>Using, Extending and Teaching Eclipse</b>	\$80	\$90	
<u>The Java Developer's Guide to Eclipse</u>	<del>\$49.99</del>	\$35	
<u>Contributing to Eclipse</u>	<del>\$39.99</del>	\$35	
<b>Mac OS X for Unix Geeks</b>	\$80	\$90	
<u>Mac OS X Panther for Unix Geeks</u>	<del>\$24.95</del>	\$15	
<u>Learning Unix for Mac OS X Panther</u>	<del>\$19.95</del>	\$15	
<u>Running Mac OS X Panther</u>	<del>\$39.95</del>	\$25	
<b>Scalable Vector Graphics</b>	\$80	\$90	
<u>SVG Essentials</u>	<del>\$34.95</del>	\$25	
<u>SVG Unleashed</u>	<del>\$49.99</del>	\$35	
GBC ID #	(required)	or \$10	
International ACM #	(If you are a member)	<b>Total</b>	

Please send this completed form and a check payable to GBC/ACM to:

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Or register online at: <http://www.gbcacm.org/registration> and pay by credit card.

\*\*\* March Calendar of Events \*\*\*

Date of Event	Page	Sponsor	Location
March 11, 15, 30	3	BU Corporate Education	Various locations
March 16	3	Microsoft	Boston
March 16	3	Boston SPIN	Mitre (S Bldg), Bedford
March 18	1	GBC/ACM with IEEE-SIT & IEEE Computer Society	MIT Room 4-270
March 23	3	BU Corporate Education	Cambridge, MA
March 24	3	IEEE Consultants Network	TBD

If the top line of your mailing label below reads **\*\*EXPIRED\*\***, please renew your membership (for just \$10/yr). For that \$10 you get a copy of this newsletter/local event calendar mailed to any address you choose plus the right to attend PDS seminars at the member rate. Please consider renewing for more than one year at time. Your support helps make possible the wide array of GBC/ACM activities.

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# The Real Times

Vol. 43 No. 7 www.gbcacm.org March 2004

## GBC/ACM March 2004 Meeting Jointly organized with the IEEE Society on Social Implications of Technology (SIT) and the IEEE Computer Society

Date: Thursday, March 18, 2004  
Time: 7:00 PM  
Location: MIT Room 4-270

### Electronic Contracting: Assent or Illusion?

Speaker: Stephen Y. Chow, Partner Perkins, Smith & Cohen, LLP  
<http://www.pscboston.com>

If someone hands you a hundred-page stack of paper and asks you to sign, you wouldn't unless you at least browsed through the stack. Yet the overwhelming majority of us will click on 'agree' to get to the next screen on line without first following a link to what might be the same stack of information. Digital technology makes information highly accessible using a serial paradigm, but may blind us to valuable out-of-band information. Thus, despite the potential of asymmetric cryptography to guarantee that a message was generated by the holder of a particular private key, important deals use 'real-world anchors.' Yet controversial laws such as the Uniform Computer Information Transactions Act ('UCITA', enacted in Maryland and Virginia) would formalize 'manifestation of assent after an opportunity to review terms' as contractually binding a party to those terms.

Presenting will be Steve Chow, a patent attorney, an associate member of IEEE, and a dissenting member of the committee that drafted UCITA. Steve is the author of the legal treatise, 'E-Commerce and Communications' and teaches both litigation and corporate law at Suffolk University Law School. He graduated from Harvard University with bachelor and master degrees in physics and from Columbia University School of Law and enjoys working with start-up enterprises with new technologies.

This joint meeting of the GBC/ACM, the IEEE SIT, and the IEEE Computer Society is open to the public, and is scheduled for 7:00 PM, Thursday March 18, at MIT Room 4-270. For a map showing this location see <http://whereis.mit.edu/map-jpg?mapterms=4-270&mapsearch=go>. For more information please consult the announcement webpage, <http://public.messageweb.net/ssit-boston>, for details or contact Alex Brown <[a.brown@ieee.org](mailto:a.brown@ieee.org)>, (617) 308-9456.

\*\*\*\*\*  
**PLEASE NOTE THAT THE SECOND GBC ACM PDS IS ON SATURDAY, APRIL 24th. In the February 2004 issue of the Newsletter and inside the PDS brochure, April 23rd was erroneously listed.**