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New Pilot PDS Scholarship Program Offered to Sudents and the Unemployed

The GBC/ACM has established a pilot program to offer students and the unemployed a reduced rate of admission to the Professional Development Seminars. For those that qualify, the charge will be only $40 (not to include any books purchased). Students /unemployed paying this $40 fee will receive the same attendance at the seminar, lecture notes, snacks, and lunch that would normally cost $80. They are not required to pay $10 to join the GBC/ACM unless they want to become GBC/ACM members. Students/unemployed have the option of purchasing the related books if they choose. An additional $10 discount will be offered to full-time students enrolled at the institution where the seminars are conducted (currently MIT).

The GBC/ACM web site www.gbcacm.org accepts registrations and credit card payments at the normal rate, but it is not set up to accept these student/unemployed scholarships yet. To register at the discounted student/ unemployed rate, email Peter Carmichael
pcarmichael@alum.mit.edu

Saturday April 9, 2005 MIT room E51-345

Java Gems: Ant, Tapestry & Lucene

Erik Hatcher

While the Java language is fun, friendly, and easy to learn, to successfully build sophisticated applications, a Java developer needs to keep up with the alternatives available from the open-source landscape. This tutorial focuses on three open-source Java projects, namely, Ant, Tapestry and Lucene. Ant is the de facto Java build tool, automating steps of the development process such as unit testing, documenting, reporting, packaging and deploying. This tutorial covers the basics, tips and tricks, as well as best practices of building a web application. Tapestry is the premiere Java-based web framework. Tapestry facilitates true component-oriented web development. Those who are familiar with the plumbing behind sophisticated web interfaces will be pleased at the speed at which a web application can be produced using this framework. Lucene is a very fast and scalable search engine that can be embedded into an application.

<u>Who Should Attend ?</u>
Developers with some experience in object-oriented programming. Java developers will be right at home. C# or ASP.NET developers will benefit from seeing the best of breed Java solutions. Development managers will benefit from learning the streamlined development possibilities.

<u>Seminar Topics</u>

· Java development best practices · Ant - build tool
· Tapestry - web framework   · Lucene - search engine

<u>Lecturer</u>
Erik Hatcher is an Apache Software Foundation member and committer on several projects including Ant, Tapestry, and Lucene. He co-authored two well-received books on Ant and Lucene. Erik has written articles for several publications, including java.net, JavaPro, and IBM developerWorks. He frequently presents at conferences such as JavaOne, O'Reilly Open Source Convention, Open Source Content Management Conference, the No Fluff, Just Stuff symposiums, and Java User Groups. Erik is a developer at the University of Virginia's Applied Research in Patacriticism department.

Session Chair: Lena Lau lenalau@acm.org
Seminar Book Offers:
 Java Development with Ant
By Erik Hatcher, Steve Loughran
Publisher: Manning Publications
List: ~~$44.95~~ PDS Price: **$30**
Lucene in Action
By Otis Gospodnetiæ, Erik Hatcher
Publisher: Manning Publications
List: ~~$44.95~~ PDS Price: **$30**
Tapestry in Action
By Howard M. Lewis Ship
Publisher: Manning Publications
List: ~~$44.95~~ PDS Price: **$30**

Saturday April 30, 2005 MIT room 34-101

Model-Oriented Architectures and Frameworks for Swing-based User Interfaces

Dan Jacobs

Building complex, functional, scalable, user-friendly, and robust user interfaces is a difficult task. The two most important jobs of any user interface are maintaining a high level of confidence from the user, and performing the right work in cooperation with the back-end of the application. Good model-oriented approaches to user-interface design and implementation, in conjunction with good supporting frameworks, help to address both of these concerns by providing consistency and reliability in the interface itself, and coordinated separation of front-end and back-end logic.

Swing is based on a variation of the Model-View-Controller (MVC) design pattern, but the models and controllers in Swing's world are not application models and application controllers. Model-oriented architectures expose another level of MVC in which Swing is used to implement the view, while the application models and controllers are expressed in the language of the application. This presentation explores this higher level and examines practical ways to build world-class user-interfaces using Java and Swing.

<u>Who Should Attend ?</u>
Experienced object-oriented software developers who want to learn how to build better desktop-style user-interfaces with a lot less effort. Familiarity with event-driven user-interface development is useful. Familiarity with Java and Swing, while useful, is not essential.

<u>Seminar Topics</u>
· Object-oriented design patterns for structuring model-oriented user-interface designs
· Tips and tricks to use Swing effectively
· Concrete approaches for implementing form-style editors, tree-based and table-based viewers
· Concrete approaches for data validation at multiple levels

<u>Lecturer</u>
Dan Jacobs has an M.S. in Software Engineering and over 20 years of experience as an architect and developer of object-oriented software. Dan started ModelObjects Group in 1995 (originally Tech Tonic Netsystems), as an independent consulting company specializing in providing assistance in all areas of Java architecture and development for the Boston area software community. Dan is also the President of JPlates Inc., which provides commercial software tools for object-oriented development of web applications and code-generation applications. In addition, Dan has served as the chairman of the Boston area ACM WebTech chapter since 1997.

Session Chair: Peter Mager p.mager@computer.org

General Information

Schedule

8:30am-9:00am	*Registration (continental breakfast)*
9:00am-12:15pm	*Morning session (break ~ 10:30am)*
12:15pm-1:30pm	*Lunch (provided on site)*
1:30pm-4:30pm	*Afternoon session (breakfast ~ 2:30pm)*
5:30pm-7:30pm	*(Possible) 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. Early registration must be made by mail with a check or money order, or on-line with a credit card at:

http://www.gbcacm.org/registration

Payment for on-site registration can only be made by cash or check. Enrollment is limited and on a first-come, first-served basis. To receive confirmation from GBC/ACM, register at least three weeks in advance of the seminar.

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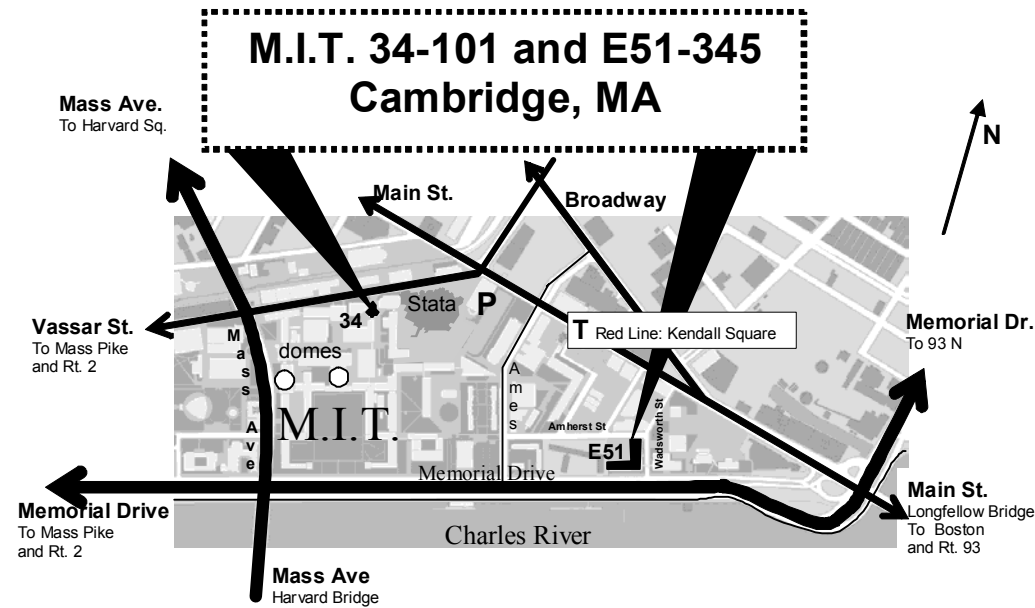
If the books are not available at the time of the seminar, the amount prepaid for the book will be courteously refunded.

Questions

For the latest update, see: http://www.gbcacm.org or call:

(781) 862-1181

Directions to MIT

**M.I.T. 34-101 and E51-345
Cambridge, MA**

Building 34 is located on Vassar Street about halfway 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 E51 is the Tang Center. The street address is 70 Memorial Drive. It is located at the north west corner of Memorial Drive and Wadsworth Street..

Parking:
There are metered parking spots on Vassar Street and free parking spots on the north side of Memorial Drive. 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. Parking in MIT's lots follows the rules and regulations of MIT.

Public Transportation:
Red line to Kendall Square. Walk west on Main Street and turn left onto Vassar Street for building 34. Walk east on Main Street and turn right onto Wadsworth Street for building E51.

Harvard University, Computer Science Colloquium Series

Location: Harvard University, Maxwell Dworkin G125 (33 Oxford St., Cambridge, MA 02138)
Details: http://deas.harvard.edu/newsandevents/calendars/index.html - Map: http://www.crcs.deas.harvard.edu/deascampus.pdf

Topic: Divide and Be Conquered: Separation of Concerns for Trustworthiness
Speaker: Fred Schneider, Cornell Department of Computer Science
Date: Thursday, April 14, 2005 at 4:00PM (Reception to follow)

Topic: Intelligent Technology for an Aging Population: The Use of AI to Assist Elders with Cognitive Impairment
Speaker: Martha E. Pollack, University of Michigan
Date: Monday, April 18, 2005 at 4:00PM (Refreshments - 3:30PM second floor lounge area)

Topic: Gadgets for good: How computer researchers can help save lives in poor countries
Speaker: Neal Lesh, MERL Research Lab
Date: Monday, April 25, 2005 4 PM (Refreshments - 3:30PM second floor lounge area)

April Meetings

Greater Boston SIGCHI

Topic: Information presentation in web applications
Speaker: Hagan Rivers, Two Rivers Consulting
Date/Time: Tuesday, April 12, 2005 6:30PM - Refreshments 7:00 PM Meeting
Location: Sun Microsystems, Burlington, MA
Details: http://www.gbsigchi.org/mtg.html

RSVP to sigchi-rsvp@east.sun.com at least one day in advance

Software Quality Group of New England

Topic: Results from Inspecting Test Automation Scripts
Speaker: Howie Dow, Dory Consulting Group
Date/Time: Wednesday, April 13, 2005 6:00PM - Networking 6:30 PM - 8:00 PM Meeting & Presentation
Location: Sun Microsystems, Burlington, MA
Details: http://www.swquality.com/users/pustaver/bcs.htm

Boston SPIN

Topic: Organizing Your Problem Tracking System
Speaker: Barry Mirrer, Director of Quality - Outcome
Date: Tuesday, April 19, 2005 6 PM Networking, 7:10 PM Presentation
Location: The Mitre Corporation, S Building, Bedford, MA
Details: http://www.boston-spin.org/meeting.html

Real Times **Editor**
Rochelle Goren, rochelle_goren@comcast.net

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The Real Times is published ten times per year (September through June) and is the official newsletter of the Greater Boston Chapter of the Association for Computing Machinery, First-class postage paid at Boston, MA, 02101.

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.
Annual subscription cost is included in the Chapter Membership dues of $10.00. See top line on mailing label for membership expiration date. Library subscriptions are free. Please send orders for copies to the Chapter mailing address above.

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Websites of some Local Groups

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www.gbcacm.org

SIGGRAPH
www.siggraph.org/chapters/boston

Boston SIGCHI
www.gbsigchi.org

WebTech
www.acm.org/chapters/webtech

SPIN
www.boston-spin.org

IEEE
www.ieeeboston.org

IEEE Consultants Network
www.ieee-boston.org/consultants.htm

Boston-area User Group Calendar
www.bugc.org

April Meetings (continued from page 6)

IEEE Consultants Network

Topic: New Software Development Strategies: An Introduction to Model Driven Architecture
Speaker: Peter Fontana, Pathfinder Solutions
Date/Time: Wednesday, April 27, 2005 7:00 PM
Location: Sheraton Lexington Inn, Lexington, MA
Details: http://www.ieee-boston.org/consultants.htm
$7.00 charge at door for non-members

Harvard University, Computer Science Colloquium Series

Topic: Stopping Spam
Speaker: Joshua Goodman, Microsoft Research
Date/Time: Thursday, April 28, 2005 4:00 PM (Refreshments 3:30PM, second floor)
Location: Harvard University, Maxwell Gworkin G125 (33 Oxford St., Cambridge, MA 02138)
Details: http://deas.harvard.edu/newsandevents/calendars/index.html

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Seminar Book Titles	Advanced Registration	Walk In	Amount
Java Gems: Ant, Tapestry and Lucene	$80	$90	
Java Development with Ant	~~$44.95~~ $30		
Lucene in Action	~~$44.95~~ $30		
Tapestry in Action	~~$44.95~~ $30		
Model-Oriented Architectures and Frameworks for Swing-based User Interfaces	$80	$90	
GBC ID # (required)	or $10		
International ACM # (If you are a member)	Total		

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.

*** Calendar of April 2005 Events ***

Date	Page	Sponsor	Location
April 9	4	GBC ACM Spring PDS	MIT, Cambridge, MA
April 12	3	Greater Boston SIGCHI	Sun Microsystems, Burlington, MA
April 13	3	Software Quality Group of NE	Sun Microsystems, Burlington, MA
April 14	6	Harvard Computer Science Series	Harvard University, Cambridge, MA
April 18	6	Harvard Computer Science Series	Harvard University, Cambridge, ,MA
April 19	3	Boston-SPIN	Mitre Corporation, Bedford, MA
April 25	6	Harvard Computer Science Series	Harvard University, Cambridge, MA
April 27	7	IEEE Consultants Network	Sheraton, Lexington, MA
April 28	7	Harvard Computer Science Series	Harvard University, Cambridge, MA
April 28	1	GBC ACM General Meeting	MIT, Cambridge, MA
April 30	5	GBC ACM Spring PDS	MIT, Cambridge, MA

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.**

The Real Times

Vol. 44 No. 8   www.gbcacm.org   April 2005

GBC/ACM April 2005 Meeting

Helping People Find Information Better

Speaker: Jaime Teevan, MIT CSAIL
Date/Time: Thursday, April 28, 2005, 7-9 PM
Location: MIT Room 56-114

Every day computer users retrieve information from among dozens of incoming emails, hundreds of files on their personal computers, and billions of Web pages. In order to help people search through this deluge of information better, we need not just better technology, but also a better understanding of what people's information needs are. In this talk, Jaime Teevan will present several studies of user information seeking behavior and discuss how the results of these studies have informed the development of a next generation search tool.

Jaime Teevan is a doctoral candidate at the Computer Science and Artificial Intelligence Lab at the Massachusetts Institute of Technology, where her research focuses on helping people re-find information in dynamic information environments. She has published in the areas of HCI, Information Retrieval, and Machine Learning. She received an SM ('01) from MIT for research on learning probabilistic information retrieval models, and a BS in Computer Science from Yale University.

Directions: MIT room 56-114 is located near the State Center at MIT. For a map: http://whereis.mit.edu/map-jpg?mapterms=56-114&mapsearch=go

Visit the GBC ACM website for last minute meeting changes: www.gbcacm.org

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Check inside this issue of the Real Times for details on the GBC/ACM Professional Development Seminars offered in April, 2005

Saturday April 9, 2005: Java Gems: Ant, Tapestry & Lucene

Saturday April 30, 2005: Model-Oriented Architectures and Frameworks for Swing-based User Interfaces