XML and XLink

With Steve DeRose
October 3, 1998 (Saturday)
Harvard University, Science Center, Auditorium C

OVERVIEW:
This tutorial presents XML and XLink. Familiarity with the ideas of descriptive markup and basic hypertext concepts is assumed; however, no deep knowledge of the syntactical details is necessary. XML provides a way to define tag-sets for particular purposes as needed. XLink provides added functionality for hypermedia.

WHO SHOULD ATTEND:
People interested in a novice-to-intermediate tutorial in XML and XLink.

SEMINAR TOPICS:
- Principles of XML
- Comparison of XML to SGML, HTML, etc
- XLink
- XPointer
- XLink proper
- Latest work and visions form the XLink group

LECTURER:
Steve DeRose has worked on several hypermedia systems, starting with FRESS at Brown University. He co-founded Electronic Book Technologies and designed DynaText, DynaWeb, and other products. He is now Chief Scientist at Inso, and also Adjunct Associate Professor and Visiting Chief Scientist at Brown University's Scholarly Technology Group. He is active in standards including SGML, HyTime, DSSSL, the Text Encoding Initiative, and SGML Open.

SESSION CHAIR:
Ernesto Guerrieri, guerrieri@acm.org

Seminar Book Offer

The SGML FAQ Book: Understanding the Foundation of HTML and XML.
Steve DeRose
List: $68.00 PDS Price: $55.00

Real-Time System Design: Current Issues and Challenges

With Phil Laplante
October 17, 1998 (Saturday)
UMass, Boston Campus, Science Building, Lipke Auditorium

OVERVIEW:
Real-time systems have been the subject of study, debate and misunderstanding for over 40 years. For too long the chasm between theorists and practicing engineers has been wide, though slowly shrinking. In this course we look at what a real-time system really is, what special challenges a real-time system poses to those building them, and practical techniques for building real-time systems. A special look at usable research results is also included.

WHO SHOULD ATTEND:
This seminar will be especially useful to programmers involved with real-time systems.

SEMINAR TOPICS:
- Applets and applications
- Object-oriented programming
- Graphics
- Graphical User Interfaces (GUIs)
- Exceptions
- Multithreading
- Multimedia: Images, image maps, animation and audio
- Files and Streams - Networking
- Server communication

LECTURER:
Phil Laplante is President of the Pennsylvania Institute of Technology, and was the founding Dean of the BCC/NJIT Technology and Engineering Center. He has authored dozens of technical papers and ten books. He is a founding co-editor-in-chief of the journal, Real-Time Imaging (published by Academic Press) and the co-editor-in-chief of the IEEE Press book series on Engineering of Complex Computer Systems.

SESSION CHAIR:
Yaz Shaghaghi, yshaghaghi@draper.com

Seminar Book Offer

Real-Time Systems Design and Analysis
Phil LaPlante
List: $69.95 PDS Price: $55.00

COM and DCOM

With David S. Platt
October 31, 1997 (Saturday)
UMass, Boston Campus, Science Building, Lipke Auditorium

OVERVIEW:
COM (Component Object Model) is a binary standard for constructing software components, and knowledge of COM will become increasingly important for Windows software. Platt will show how to build COM objects, and will discuss several aspects of COM programming, including interfaces, GUIDs and the registry, MIDL, proxies and stubs, class factories, and ATL. Finally, he will show how to develop applications that run on multiple machines with DCOM (distributed COM).

WHO SHOULD ATTEND:
C++ programmers who are interested in COM and DCOM. Managers may attend but will be lost if they don't speak fluent geek.

SEMINAR TOPICS:
- Interfaces, QueryInterface, IUnknown
- Class IDs and the registry
- Marshalling
- MIDL
- ATL
- DCOM
- Microsoft Transaction Server

LECTURERS:
David S. Platt is the President of Rolling Thunder Computing and an instructor in Computer Science at Harvard University. He has taught several Bay Area ACM PDS sessions, and mentored development teams on COM for client companies all over the world. He has written articles on COM for Microsoft Systems Journal.

SESSION CHAIR:
Jim Byrd, byrd@acm.org

Seminar Book Offer

The Essence of COM with ActiveX
David Platt
List: $49.95 PDS price: $35.00.

Fall 1998 PDS Seminars
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Seminar & *Book Titles*	**Advance Registration**	**Walk-in**	**Enter Amount**
XML and XLink	$75	$85	
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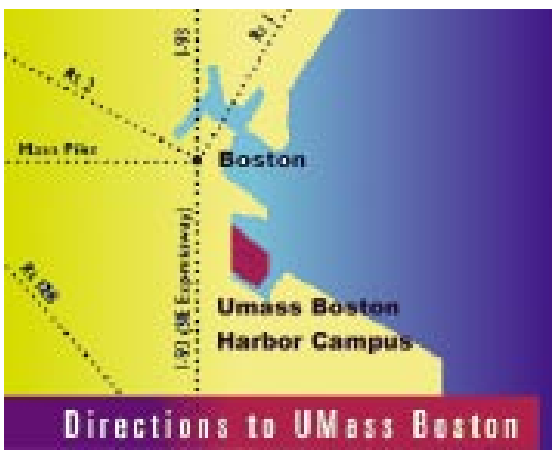
UNIVERSITY OF MASSACHUSETTS, BOSTON
HARBOR CAMPUS LOCATION



On the MBTA: Take the Red Line to JFK/UMass Station. A free shuttle bus will carry you from the "T" parking lot to the campus. MBTA buses following routes 8 and 16 also stop at the campus.

By car from the north: Take Interstate 93 south through Boston to exit 15 (JFK Library/South Boston/Dorchester) and follow the University of Massachusetts signs along Columbia Road and Morrissey Boulevard to the campus.

By car from the south: Take Interstate 93 north to exit 14 (JFK Library/ Morrissey Boulevard) and follow Morrissey Boulevard northward to the campus.

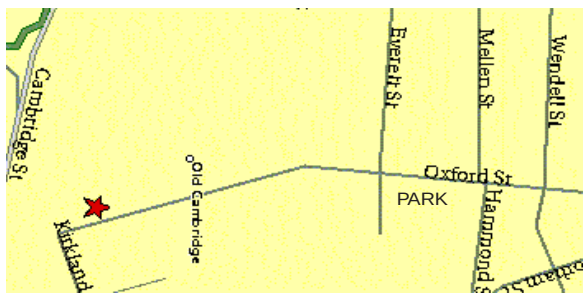
By car from the west: Take the Massachusetts Turnpike (Interstate 90) east to the turnpike's end at Interstate 93. Take I-93 south one mile to exit 15 (JFK Library/South Boston/Dorchester) and follow the University of Massachusetts signs along Columbia Road and Morrissey Boulevard to the campus. Go to Lipke Auditorium, in the Science Building.

Indoor and outdoor parking space is available for $3.50 per day

GENERAL INFORMATION

HARVARD LOCATION

The seminar is in Auditorium C of the Science Center, at Harvard University. Attendees may park in the lot 38 Oxford St. Do not park in other Harvard lots.



SCHEDULE

8:30am - 9:00am Registration (continental breakfast)
9:00am - 12:15pm Morning session (break at 10:30am)
12:15pm - 1:30pm Lunch (provided on-site)
1:30pm - 4:30pm Afternoon session (break at 2:30pm)

REGISTRATION FEES

Included in the $75 fee are seminar materials, lunch, and refreshments. 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, credit cards, faxes and e-mail cannot be accepted. Enrollment is limited and on a first come, first served basis. Early registration must be made by a check or money order 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 fee will be refunded if the PDS Registrar receives written notification on or before the day of the seminar, addressed to GBC/ACM, 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.

ANY QUESTIONS?
See: http://www.acm.org/chapters/gbc or Call (781) 862-1181