PRINCETON ACM / IEEE-CS CHAPTERS
FALL 2006 SEMINAR

Java Tutorial

Saturday, November 4, 2006, 9:00 a.m. – 4:00 p.m.
Sarnoff Corporation Auditorium
Cost: $90 (Princeton ACM/IEEE-CS members), $100 (non-members)

The Java programming language is Sun's classic contribution to the world of object-oriented programming languages. It is the standard programming language now taught by high schools and is widely used around the world. Would you like to learn how to use Java to create a desktop application with a graphical user interface which runs on Windows, Linux, and Mac OS X? If so, this is the tutorial for you.

Along with the promise of running on any platform, Java includes extensible libraries that transparently implement many features for you, regardless of the operating system. Java is also type-safe, alleviating many of the risks of memory leaks and pointer problems which tend to arise in languages such as C++.

This course will include an overview of the Java language, its runtime environment and libraries, and many small code examples that illustrate major features of the popular Eclipse integrated development environment, which is open source and free. The course will also illustrate some common design patterns, as well as possible XML web interfaces, database access, and web development capabilities of Java. One major goal of this course is to get people new to Java over the learning hump.

This course presumes that you have used a structured programming language such as C or Visual Basic, but no prior knowledge of Java is required. The course will include examples of object-oriented programming such as inheritance, encapsulation, and polymorphism for anyone not already familiar with them.

Pat Palmer has lectured for the past four years on software engineering and other topics in the CIS Department at the University of Pennsylvania. Before lecturing at Penn, Pat was a consultant on information-sharing software systems within pharmaceutical and insurance companies. Her early career involved several years' experience developing telecommunications software and systems in AT&T and Lucent.

ADVANCE REGISTRATION REQUIRED – fill out the registration form below.

The registration fee includes the seminar course notes, lunch, and morning and afternoon coffee breaks.

Confirmed registrants will be notified by mail, provided registration is received at least one week before the seminar. Attendance is limited – register early.

PRINCETON CHAPTER OF ACM/IEEE COMPUTER SOCIETY
FALL 2006 PROFESSIONAL DEVELOPMENT SEMINAR
REGISTRATION FORM

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Seminar: Java Tutorial – November 4, 2006

Late Registration Fee (after Oct. 27): $10

Regular Registration: $90 (Princeton ACM/IEEE-CS member)

$100 (non-member)

Total Fee Enclosed: _____

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