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Artist rendering of the latest Holland America Vista-class ship, the ms Zuiderdam. Our voyage will take place on this magnificent, brand new ship.

SPEAKERS

Scott W. Ambler is President and a senior consultant of Ronin International, www.ronin-intl.com, a software services consulting firm that specializes in software process mentoring, Agile Modeling (AM), and object/component-based software architecture and development. He is also founder and thought leader of the Agile Modeling (AM) methodology, www.agilemodeling.com.

Scott is the author of the books *Agile Modeling* (2002) from John Wiley & Sons, *The Object Primer 2nd Edition* (2001), *Building Object Applications That Work* (1997), *Process Patterns* (1998), and *More Process Patterns* (1999), and co-author of *The Elements of Java Style* (2000), published by Cambridge University Press. He is also co-editor with Larry Constantine of the *Unified Process* series from CMP books (2000-2002). Scott is a contributing editor with *Software Development* magazine (www.sdmagazine.com), a contributor to *IBM DeveloperWorks* (www.ibm.com/developer), and a columnist with *Computing Canada*.

Scott's personal website is www.ambysoft.com where he has a wide variety of white papers, including the *AmbySoft Inc Coding Standards* for Java, that are available for free download. Scott has spoken at a wide variety of international conferences including *Software Development*, *UML World*, *Object Expo*, *Java Expo*, and *Application Development*.

Jayson Falkner is the CTO of Amberjack Software LLC and Web-master of *JSP Insider*. He is currently participating in the *JSP 2.0 Expert Group* while working on a book about the *JSP 2.0* and *Servlet 2.4* specifications. Jayson is an active member of the Java community and promotes the use of Java, XML, and Web Services for building Web applications.

Casey Kochmer's professional programming experience spans the past 14 years. Now actively promoting *JSP* and *Web Services*, Casey is a co-founder of *JSPInsider.com*, a website devoted to technical support for programmers using *JSP*. He has co-authored *Integrating XML and Web Services in a JSP Application*, *Professional JSP 2nd edition*, and *Beginning JSP Web Development*. He is currently working on several XML based Internet projects.

Govind Seshadri is an independent consultant specializing in *J2EE* with over 10 years of software development and consulting experience. Some of his recent clients have included *Sony*, *IBM*, *Graviton*, and *Advance PCS*. Govind's industry experience includes having served as *Chief Architect* of *StoreRunner Network* and helping establish *jGuru.com* as the number-one Java portal while serving as their *Enterprise Java Guru*.

Govind has served on the expert group for the *J2EE 1.3* and *JSP 1.3* specifications. He also manages some of the most popular technical resources on the Web today, including the *JSP*, *Security*, *Networking* and *RMI* FAQs at *jGuru*, and the *Server-side Java Programming* forum at *IBM's developerWorks*.

Govind is the author of *Enterprise Java Computing* (Cambridge University Press, 1999) and

PROGRAM

You may select any combination of seminars so long as you do not select more than three day's worth of sessions. The conference fee is \$995 (\$1495 for the Sun 2 Certification) and includes all courses and course materials.

Spouses and guests are welcome to attend the parties and all open or special events.

J2EE Web Application Developer Bootcamp (two days)

Speaker: **Govind Seshadri**

Come to the *J2EE Web Application Developers Bootcamp* and learn how to design, develop, and deploy industrial-strength Web applications. In this two-day course, you will participate in the evolution of a *J2EE Web* project from analysis and design to implementation and deployment. Learn how to use *J2EE Patterns* to dramatically cut the design time of your Java-based projects. Understand how the usage of *MVC*-based frameworks like *Jakarta Struts* can supercharge the core of your Web applications while providing unparalleled flexibility. More importantly, via code walk-throughs and live demos, you will gain hands-on experience of each one of the technologies to help you solve your real-world problems. This course taught by a seasoned software expert, is invaluable for those responsible for developing *J2EE* applications including analysts, engineers, managers, and programmers.

Topics to be covered on Day 1: *Servlets 2.3*, *JSP 1.2*, deployment and packaging issues, Web security, developing custom tag libraries.

Topics to be covered on Day 2: *Jakarta Struts*, *JSP/PTL*, *Web Services* integration, demo and code walkthrough of sample *J2EE Web* application.

Prerequisite knowledge: Some prior experience with Web application development is necessary.

Using XML and Java (full day)

Speakers: **Casey Kochmer** and **Jayson Falkner**

This one-day seminar will cover how to use XML and Java together within a project. At the end of this session you will know how to use XML efficiently and simply within a Java application.

In this seminar you will learn:

- How to think in XML. This introduction will review how to use XML within an application.
- The advantages and disadvantages of various processing techniques of XML datasets.
- How to integrate XML within Java code, where we will review practical examples from various open source projects such as Tomcat and the Open Office file formats.
- Study practical code implementations of XML within Java, including one XSL-FO implementation on a JSP website.
- How to use XML schemas.

SEMINAR ITINERARY

		TRACK I	TRACK II	TRACK III
Monday, January 26	DAY 1	Sun Certified Programmer for the Java 2 Platform 1.4	J2EE Web Application Developer Bootcamp 8:30am – 5pm	Using XML and Java 8:30am – 5pm
Thursday, January 29	DAY 2			Using Web Services and Java 8:30am – 5pm
Friday, January 30	DAY 3	Preparation for Exam 310-035 8:30am – 5pm	Designing With Objects (8:30am – 10am)	
		Designing With Patterns (10:30am – Noon)		
		Agile Database Techniques (1:30pm – 3pm)		
		Agile Software Development: An Interactive Workshop (3:30pm – 5pm)		

• Examine common coding mistakes when using XML and show how to avoid making them.

In addition, the speakers will perform a detailed comparison of the current generation of XML parsers focusing on the newer XML Pull parser.

Other XML topics to be discussed include:

- XML Canonicalization. • A closer look at XSLT and the latest finalized XPATH/XQuery implementations. • Show the newer XML data binding techniques found in Castor and JAXB. • Examine changes when using the DOM Level 3 specification.

At the end of this seminar you'll understand XML/Java usage patterns which will give a solid baseline for using XML in your Java projects.

Using Web Services and Java (full day)

Speakers: **Casey Kochmer** and **Jayson Falkner**

This one-day seminar will cover how to use Web Services and Java together within a project. At the end of this session you will know how to use Web Services within a Java application.

In Part I of this seminar you will learn:

- How and where to use Web Services within an application. • How to implement and access the various Web Service discovery/directories technologies. • How to use Apache Axis and the Java Web Services Kit.
- Details of Web Service Security and the latest XML security techniques. • How to solve Web Service problems such as transaction management, transmission of binary data, state, and integration with other clients such as the .NET platform. • Cover the distinction between synchronous and asynchronous Web Services.

Part I of this seminar will teach you how to use Web Services to ease the burden of integration between larger projects. We will also show how Web Services can lead to process-centric applications.

But there's than more than coding mechanics to building or implementing a Web Service.

In Part II, we'll cover:

- What you need to know to navigate the current Web Services "standards" minefield.
- Which specifications are ready to use (and currently in use) — and which specifications are still hot air. • How to use the specifications. • How to use the OASIS Web Services Security specification. • New and emerging trends such as Web service integration with Message Oriented Middleware. • The open source implementations and initiatives.

To summarize, after Part II you will understand the current Web service landscape and be able to focus on the tools you need to bring to the party to be a Java business programmer.

Designing With Objects (quarter day)

Speaker: **Bill Venners**

The heart of object-oriented design is designing interfaces, or APIs. Object-oriented APIs are toolboxes for programmers. An API contains types and their members: classes to instantiate, classes to subclass, interfaces to implement, constants to use, and static methods to invoke. When you design an API, you design types. But the main utility of those types is to provide client programmers with useful objects they can employ in their programs. The primary tool offered by an API toolbox is objects.

To be a good API designer, therefore, you need a sense of what makes a good object design. In this talk, I discuss a handful of object designs that I feel are fundamental. The discussion includes service-oriented objects, messengers, performers, and immutables. With the guidelines I present in this talk, I hope to help you recognize situations in which these object designs are appropriate. I also discuss why you should see objects as bundles of services, think of objects as machines, and design objects that can defend themselves.

The session will be interactive. After presenting each guideline, I will open up the floor to discussion. With this format I try to foster a conversation about design among peers, to draw out the experience and perspectives of the entire group and enable everyone to learn from each other.

From a Java Jam III attendee:

"The Sun Certification exam was certainly no walk in the park, but Kathy's material allowed me to not only pass the exam, but Ace it!"

Mary Whetsel
Sr. Technology Specialist
The St. Paul Companies

Designing With Patterns (quarter day)Speaker: **Bill Venners**

Perhaps the hottest topic in object-oriented design the past several years has been design patterns. Design patterns, which are solutions to problems that show up repeatedly in design situations, are helpful in many ways. Patterns have proven to be an effective way to communicate design expertise, to enable novice designers to learn from the experience of others. Patterns also create a vocabulary that facilitates discussion about design. These days words like factory, proxy, adapter, and strategy have become so firmly established that it is hard to imagine participating in an object-oriented design without understanding their meaning.

The book *Design Patterns*, by Gamma, Helm, Johnson, and Vlissides (the Gang of Four), presents in detail 23 named designs. This book explains the context in which each design makes sense, the roles played by each participant object, the structure formed by the solution, ways the design can be varied, and the tradeoffs inherent in the solution. In this session, I will discuss several of these design patterns, the ones that I feel are most useful in everyday design work. In my presentation, I show why it is important to understand the role of intent in design patterns. I highlight that most of the Gang of Four's design patterns are examples of using composition for a particular purpose. I point out that inheritance shows up primarily to get at polymorphism, not code reuse. And I demonstrate that delegation of responsibility shows up all over the place. Finally, I warn you that it is not enough to apply patterns in cookie

cutter fashion until you have a solution, that even in an age of patterns you still need to use your brain when you are designing.

This session, like *Designing with Objects*, will be interactive. After presenting each guideline, I will open up the floor to discussion. With this format I try to foster a conversation about design among peers, to draw out the experience and perspectives of the entire group and enable everyone to learn from each other.

Agile Database Techniques (quarter day)Speakers: **Scott W. Ambler**

Data is clearly an important aspect of software-based systems, a fact that the information technology (IT) industry has understood for decades, yet many organizations still struggle with their approach to data within their software processes. So how do you know you've got a problem? Enterprise data professionals, including both data architects and data administrators, will be frustrated by the fact that project developers on project teams ignore their advice, standards, guidelines, and enterprise models. Worse yet the developers often don't they even know about these people and things in the first place. Developers will be frustrated by what they perceive (often rightfully so) to be the glacial pace of enterprise data professionals to make or authorize seemingly simple changes. Database administrators (DBAs) often find themselves stuck in the middle of these two warring factions, trying to get their work done while struggling to keep the peace. If one or more of these problems is common within your organization you've got a problem.

In this presentation the speaker will explore four roles — Agile DBA, Application Developer, Enterprise Architect, Enterprise Administrator — what their responsibilities are and how they should interact. I will also discuss techniques for agile database development, including:

- Database refactoring
- Mapping objects to relational databases
- Database encapsulation strategies
- Alternatives to relational databases
- Techniques for working with legacy data
- Concurrency control
- Effective referential integrity
- XML semantics
- Tools for Agile DBAs

Agile Software Development: An Interactive Workshop (quarter day)Speakers: **Scott W. Ambler**

The software process landscape is changing. A shift from large-scale, prescriptive processes that define rigorous procedures and policies to lighter, more agile methodologies is clearly underway within the IT industry. This is more than an idle fad that promises to disappear next year, agile process are here to stay. Are these processes appropriate for your organization? If so, which ones should you consider adopting? What challenges can you expect to experience as you adopt these new processes and how can you overcome them?

In this workshop Scott Ambler will lead you through a discussion of your experiences adopting and applying agile software development techniques on your projects.

was a contributing author for *Special Edition: Using Java 1.1* (Que Publications, 1997), and *Special Edition: Using Netscape LiveConnect* (Que Publications, 1997). Govind has also published extensively in leading journals including Sun's Java Developer Connection, Java Report, and JavaWorld. He has been the "Distributed Computing" columnist for Java Report magazine, founding editor-in-chief of SIGS Java Report Online, and served as the President of the Wisconsin Java Users Group.

Govind earned his Masters degree in Computer Science from the University of Wisconsin at Milwaukee. He is also a Sun Certified Java Programmer and an IBM Certified WebSphere Specialist.

Kathy Sierra is a co-developer of the SCJP exam, and the co-author of the bestselling exam book, *Sun Certified Java Programmer and Developer Study Guide* from McGraw-Hill, and the rule-breaking O'Reilly book, *Head First Java*. She worked for Sun Educational Services as one of four Java "master trainers," teaching other Java instructors about Java technologies including Jini and EJB. She's been helping others prepare for (and pass) the exam since 1998, and she founded the world's largest Java certification prep website (javaranch.com). Her goal is to make tricky technical content more memorable, easy to learn, and fun. To make this happen, she applies the latest research in cognitive science, learning theory, neurophysiology, and memory in a brain-based approach called Head First Learning.

In her copious spare time, you can find her trail running, skiing, and trying to prove her theory that Certified Java Programmers are more interesting and funny than people with those "other" certifications.

Bill Venners, President of Artima Software, Inc., provides public and private training and consulting services and writes on Java and Jini technology. He is author of the book, *Inside the Java Virtual Machine*, a programmer-oriented survey of the Java platform's architecture and internals. His popular columns in *JavaWorld* magazine have covered Java internals, object-oriented design, and Jini. He also creates artima.com, which offers articles, online books, discussion forums, and more for Java and Jini developers.

Bill has been active in the Jini Community since its inception, and currently leads several open source projects related to Jini. In the testkit project, he is working to define a framework for building API compatibility tests. In the serviceui and cyberspace projects, he is working to define new ways to deliver user interfaces across networks. The Service UI API, a product of the serviceui project, has become a defacto standard way to associate user interfaces to Jini services. Bill also serves as an elected member of the Jini Community's initial technical oversight committee (TOC), and in this role has helped to define the governance process for the community.

Bill is currently working on a new book, *API Design*, in which he offers guidelines for designing object-oriented APIs.

SUN® CERTIFIED PROGRAMMER FOR JAVA 2 PLATFORM — PREPARATION FOR EXAM 310-035 (3 days)SPEAKER: **KATHY SIERRA**

Get certified! This 30-hour bootcamp sends you deep into the Java you'll need to pass Sun's newest Programmer Exam. Your "Java Drill Sergeant" has prepped more than a thousand programmers for the exam as a Sun Microsystems Inc. master trainer, and you'll be no exception. She also helped create the exam, so she'll see to it that you're whipped into top test-taking shape through a proven set of extremely effective, high-participation exercises: "nitty grittys," extreme learning, "Java-by-campfire-stories," group mindmaps, exam-cram games, and more.

This session will cover the exam objectives you'll need to pass including:

- Java language fundamentals
- Object-oriented programming
- Inheritance and implementation
- Overriding and overloading
- Constructors
- Inner classes
- Threads
- Casting and converting
- Runtime type
- Arrays
- Flow control
- Exceptions
- Assertions
- Access modifiers
- The java.lang package
- Test-taking tips
- ... and more

You'll leave with a copy of the bestselling SCJP preparation book, *Sun Certified Java Programmer and Developer Study Guide* (McGraw-Hill). You'll also leave with a ton of Java knowledge (and that means practical understanding, not just a bunch of memorized facts). Finally, you'll leave with a comprehensive, personally-tailored plan for passing the exam, based on in-class practice assessments and the instructor's recommendations. Don't expect to get much rest, and, oh yes, bring your brain.

Please note: Sun's Java 2 Programmer Exam is one of the industry's toughest tests, and the latest version (for Java 1.4) adds new challenges. It's meant to evaluate your readiness to program for the Java platform. Depending on your previous knowledge, skill, and experience, you may need additional practice and review following this course before taking the exam. Your trainer will advise you.

Prerequisite Knowledge: Although you can come to this course with only a bare minimum of Java exposure, it is designed for those with at least a little Java and OO experience. Some prior experience with a non-scripting programming language such as C, C++, Pascal, Smalltalk, etc. is required, as this is not an intro-to-programming course.

PRICING AND BOOKING INFORMATION

Course Fees: \$995 for the Java Jam IV conference; or \$1,495 for the 30-hour *Sun Certified Programmer for Java 2 Platform — Preparation for Exam 310-035* course. Only passengers booked through Geek Cruises will be admitted.

Deposit: \$400 per person, due at time of booking.

Cabin Type	Cruise Rate
Standard Inside	\$ 749 (GS* available)
Better Inside	\$ 799 (GS* available)
Standard Outside	\$ 899 (GS* ♿ available)
Better Outside	\$ 999 (GS* ♿ available)
Outside w/balcony	\$1,099 (GS* ♿ available)
Mini Suite	\$1,199
Superior Suite	\$1,599

3rd and/or 4th Person Rate: ages 19 and older, \$649; ages 2 – 18, \$549; under 2 years old, \$499.

Single Occupancy: 150% for standard inside and outside cabins; 200% for Outside with Balcony, and above.

Port Charges and Taxes: \$181 per person (subject to minor change).

Full payment is due on October 15, 2003 (or, if you book after October 15, at the time of booking).

Foreign Booking Fees and Additional Payment Information: There is a foreign booking charge of \$60 per foreign residence (\$35 per Canadian residence). There is a \$25 charge for returned checks.

Air Add-ons: Airfare from most major cities is available through the cruise line. You can call our office for this pricing. (These rates include transfers to/from the dock/airport plus transfers to/from your hotel if we've booked the hotel as well.) In most cases, however, you will find better airfares on your own. Online travel sites such as Expedia.com or Travelzoo.com are excellent resources.

Pre- and Post-cruise Hotel Stays: Sightsee South Florida! The hotel will be close to the dock. If we book your Ft. Lauderdale hotel, transfers from the hotel to the dock are included.

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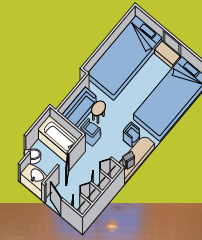
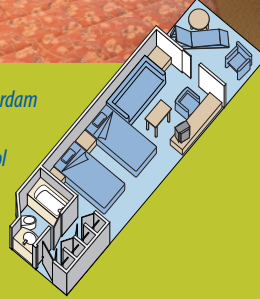
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Standard outside double on the ms Zuiderdam is approximately 177 square feet. Rooms will vary in size and furniture placement.



DAY	PORT	ARRIVE	DEPART	CONFERENCE SESSIONS
Saturday, 1/24	Ft. Lauderdale, FL	—	5pm	—
Sunday, 1/25	Half Moon Cay, Bahamas	8am	4pm	—
Monday, 1/26	At Sea	—	—	8:30am – noon & 1:30pm – 5pm
Tuesday, 1/27	St. Thomas, U.S. Virgin Islands	8am	midnight	8:30am – noon & 1:30pm – 5pm
Wednesday, 1/28	Road Town, Tortola	7am	6pm	6pm – 8pm
Thursday, 1/29	At Sea	—	—	8:30am – noon & 1:30pm – 5pm
Friday, 1/30	At Sea	—	—	8:30am – noon & 1:30pm – 5pm
Saturday, 1/31	Ft. Lauderdale, FL	8am	—	—



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