

programmatic methods, and how to use servlet and JSP filters to encapsulate common behavior. You'll also learn how to control major application lifecycle events, best practices for using JSTL, and how to build custom tag libraries. Volume 2 concludes with an in-depth introduction to the Jakarta Struts framework. Complete source code for all examples is available free for unrestricted use at www.volume2.coreservlets.com. For information on Java training from Marty Hall, go to courses.coreservlets.com. Volume 1 presents comprehensive coverage of the servlets and JSP specifications, including HTTP headers, cookies, session tracking, JSP scripting elements, file inclusion, the MVC architecture, and the JSP expression language. It also covers HTML forms, JDBC, and best practices for design and implementation.

Master the Java EE 8 and JSF (JavaServer Faces) APIs and web framework with this practical, projects-driven guide to web development. This book combines theoretical background with a practical approach by building four real-world applications. By developing these JSF web applications, you'll take a tour through the other Java EE technologies such as JPA, CDI, Security, WebSockets, and more. In Practical JSF in Java EE 8, you will learn to use the JavaServer Faces web framework in Java EE 8 to easily construct a web-based user interface from a set of reusable components. Next, you add JSF event handling and then link to a database, persist data, and add security and the other bells and whistles that the Java EE 8 platform has to offer. After reading this book you will have a good foundation in Java-based web development and will have increased your proficiency in sophisticated Java EE 8 web development using the JSF framework. What You Will Learn Use the Java EE 8 and the JavaServer Faces APIs to build Java-based web applications through four practical real-world case studies Process user input with JSF and the expression language by building a calculator application Persist data using JSF templating and Java Persistence to manage an inventory of books Create and manage an alumni database using JSF, Ajax, web services and Java EE 8's security features. Who This Book Is For Those new to Java EE 8 and JSF. Some prior experience with Java is recommended.

The release of Java SE 8 introduced significant enhancements that impact the Core Java technologies and APIs at the heart of the Java platform. Many old Java idioms are no longer required and new features like lambda expressions will increase programmer productivity, but navigating these changes can be challenging. Core Java for the Impatient is a complete but concise guide to Java SE 8. Written by Cay Horstmann--the author of Java SE 8 for the Really Impatient and Core Java(tm), the classic, two-volume introduction to the Java language--this indispensable new tutorial offers a faster, easier pathway for learning the language and libraries. Given the size of the language and the scope of the new features introduced in Java SE 8, there's plenty of material to cover, but it's presented in small chunks organized for quick access and easy understanding. If you're an experienced programmer, Horstmann's practical insights and sample code will help you quickly take advantage of lambda expressions (closures), streams, and other Java language and platform improvements. Horstmann covers everything developers need to know about modern Java, including Crisp and effective coverage of lambda expressions, enabling you to express actions with a concise syntax A thorough introduction to the new streams API, which makes working with data far more flexible and efficient A treatment of concurrent programming that encourages you to design your programs in terms of cooperating tasks instead of low-level threads and locks Up-to-date coverage of new libraries like Date and Time Other new features that will be especially valuable for server-side or mobile programmers Whether you are just getting started with modern Java or are an experienced developer, this guide will be invaluable for anyone who wants to write tomorrow's most robust, efficient, and secure Java code.

Web Applications ?in Java for the Enterprise

Java EE 8 Development with Eclipse

Core HTML5 Canvas

Advanced JavaServer Pages

Core Servlets and JavaServer Pages

JavaServer Faces in Action is an introduction, a tutorial, and a handy reference. With the help of many examples, the book explains what JSF is, how it works, and how it relates to other frameworks and technologies like Struts, Servlets, Portlets, JSP, and JSTL. It provides detailed coverage of standard components, renderers, converters, and validators, and how to use them to create solid applications. JavaServer Faces- Building User Interfaces- Developing Application Logic- Writing Custom Components, renderers, validators and converters

JavaServer Pages (JSP) has built a huge following since the release of JSP 1.0 in 1999, providing Enterprise Java developers with a flexible tool for the development of dynamic web sites and web applications. While new point releases over the years, along with the introduction of the JSP Standard Tag Library (JSTL), have incrementally improved the rough areas of the first version of the JSP specification, the JSP 2.0 and JSTL 1.1 specifications. It includes detailed coverage of the Expression Language (EL) incorporated into JSP 2.0, the JSTL 1.1 tag libraries and the new function library, the new tag file format that enables custom tag library development without Java code, the simplified Java tag library API, improvements in the JSP XML syntax and JSTL syntax and features, error handling and debugging, authentication and personalization, database access, XML processing, and internationalization.This book recognizes the different needs of the two groups of professionals who want to learn JSP: page authors interested in using JSP elements in web pages, and programmers concerned with learning the JSP API and using JSP effectively.

learn from the practical web application examples in the second part of the book. If you're in the latter group, you'll appreciate the detailed coverage of advanced topics in the third part, such as how to integrate servlets and JavaBeans components with JSP using the popular Apache Struts MVC framework, and how to develop custom tag libraries using the JSP API, with realistic examples that an expert group veteran and one of our most active contributors, has thoroughly and accurately captured the new features of JSP 2.0 and JSTL 1.1 in a way that is well-organized and easy to understand. With excellent, to-the-point examples, this book is a 'must have' for any serious JSP 2.0 developer."--Mark Roth, JSP 2.0 Specification Lead, Sun Microsystems, Inc.Hans Bergsten is the founder of J2EE technologies. Hans has been an active participant in the working groups for both the servlet and JSP specifications since their inception and contributes to other related JCP specifications, such as JSP Standard Tag Library (JSTL) and JavaServer Faces (JSF), and, as one of the initial members of the Apache Jakarta Project Management Committee, helped develop the Apache Tomcat reference implementation. Core JavaServer FacesPearson Education

The Definitive Guide to JavaServer Faces 2.0 Fully revised and updated for all of the changes in JavaServer Faces (JSF) 2.0, this comprehensive volume covers every aspect of the official standard Web development architecture for JavaEE. Inside this authoritative resource, the co-spec lead for JSF at Sun Microsystems shows you how to create dynamic, cross-browser Web applications that deliver high performance, reliability, and maintainability. JavaServer Faces 2.0: The Complete Reference features an integrated sample application to use as a model for your own JSF applications, with code available online. The book explains all JSF features, including the request processing lifecycle, managed beans, page navigation, component development, Ajax, validation, internationalization, and security. Expert Group Insights through the development environment and build a JSF application Understand the JSF request processing lifecycle Use the Facelets View Declaration Language, managed beans, and the JSF expression language (EL) Define page flow with the JSF Navigation Model, including the new "Implicit Navigation" feature Work with the user interface component model and the JSF event model, including support for built-in JSR-303 Bean Validation standard for model data validation Build Ajax-enabled custom UI components Extend JSF with custom non-UI components Manage security, accessibility, internationalization, and localization Learn how to work with JSF and Portlets from the JSF Team Leader at Liferay, the leading Java Portal vendor Ed Burns is a senior staff engineer at Sun Microsystems and is the co-spec lead for JSF. Faces: The Complete Reference and author of Secrets of the Rock Star Programmers. Chris Schalk is a developer advocate and works to promote Google's APIs and technologies. He is currently engaging the international Web development community with the new Google App Engine and OpenSocial APIs. Neil Griffin is committer and JSF Team Lead for Liferay Portal and the co-founder of The Portlet Project. www.mhprofessional.com/computingdownload

NEW LANGUAGE VISUALIZES PROGRAM ABSTRACTIONS CLEARLY AND PRECISELY Popular software modelling notations visualize implementation minutiae but fail to scale, to capture design abstractions, and to deliver effective tool support. Tailored to overcome these limitations, Codecharts can elegantly model roadmaps and blueprints for Java, C++, and C# programs of any size clearly, precisely, and productively. Productivity gains for programmers using tools supporting Codecharts have been demonstrated in controlled experiments. Hundreds of figures and examples in this book illustrate how Codecharts are used to: Visualize the building-blocks of object-oriented design Create bird's-eye roadmaps of large programs with minimal symbols and no clutter Model blueprints of patterns, frameworks, and other design elements Reason rigorously about them Tools supporting Codecharts are also shown here to: Recover design from plain Java and visualize the program's roadmap Verify conformance to design decision with a click of a button This classroom-tested book includes two main parts: Practice (Part I) offers experienced programmers, software designers and software engineering students practical tools for representing and reasoning about model programs, patterns, libraries, and frameworks using examples from JDK, Java 3D, JUnit, JDOM, Enterprise JavaBeans, and the Composite, Iterator, Factory Method, Abstract Factory, and Proxy design patterns. Theory (Part II) offers a mathematical foundation for Codecharts to graduate students and researchers studying software design, modelling, specification, and verification. It defines and formalizes the concepts used them to reason about the relations between patterns and programs (e.g., "java.awt implements Composite" and "Factory Method is an abstraction of Iterator").

Core J2EE patterns

JavaServer Faces 2.0, The Complete Reference

Contemporary Applications

JavaServer Faces Programming

Core Security Patterns

Fundamentals

This book is about using JavaServer Faces to create and deploy interactive applications delivered to end users via a browser interface. JavaServer Faces is the component-based technology enabling easy development of such applications, especially applications of the type commonly needed in enterprise environments. JavaServerFaces: Introduction by Example is a to-the-point, 250-page introduction to an important technology that every Java Enterprise Edition programmer should know and be able to use. JavaServer Faces: Introduction by Example takes you through building and deploying servlet-based web pages built around JavaServer Faces, Facelets, managed Java Beans, and prebuilt user-interface components. You'll learn to build user interfaces that run in the browser, to display data drawn from corporate databases, accept user input, deal with errors and exceptions, and more. JavaServer Faces is an important user-interface technology for any Java developer to learn who works in an enterprise environment. JavaServer Faces: Introduction by Example is your no-nonsense guide to getting started right away in taking advantage of the technology's component-driven approach. Introduces servlets, which are the basis for JavaServer Faces applications Covers development and deployment of user interfaces in the browser Demonstrates advanced techniques such as the use of AJAX

Best Practices and Strategies for J2EE, Web Services, and Identity Management

Models and Methods

Core Servlets and JavaServer Pages, Volume 2

Help for Server-Side Java Developers

Develop, test, and troubleshoot Java Enterprise applications rapidly with Eclipse, 3rd Edition

Selected Readings on Global Information Technology: Contemporary Applications