

Web Application Architecture Principles Protocols And Practices

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???TCP/IP????????,???OSI????????????????????,????????????????????

An in-depth examination of the core concepts and general principles of Web application development. This book uses examples from specific technologies (e.g., servlet API or XSL), without promoting or endorsing particular platforms or APIs. Such knowledge is critical when designing and debugging complex systems. This conceptual understanding makes it easier to learn new APIs that arise in the rapidly changing Internet environment. * Includes discussions of markup languages: HTML, the eXtensible Markup Language (XML), XHTML, eXtensible Stylesheet Language (XSL), and Cascading Style Sheets (CSS) * Contains exercises geared to constructing an advanced XML application that makes use of XML and XSL parsers * Explores emerging technologies: Java 2 Enterprise Edition (J2EE), industry-specific XML standards, Resource Description Framework (RDF), and XML query languages

This book constitutes the refereed proceedings of the International Conference on Advances in Security of Information and Communication Networks, Sec Net 2013, held in Cairo, Egypt, in September 2013. The 21 revised full papers presented were carefully reviewed and selected from 62 submissions. The papers are organized in topical sections on networking security; data and information security; authentication and privacy; security applications.

Introduction and summary of web-related technologies; Web application basics; Dynamic clients; Beyond http and html; Security; The process; Defining the architecture; Requirements and use case; Analysis; Design; Implementation. ????

This book constitutes the refereed proceedings of the 35th International Conference on Conceptual Modeling, ER 2017, held in Valencia, Spain, in November 2017. The 28 full and 10 short papers presented together with 1 full 6 keynotes were carefully reviewed and selected from 153 submissions. This events covers a wide range of following topics: Conceptual Modeling Methodology, Conceptual Modeling and Requirements, Foundations, Conceptual Modeling in Specific Context, Conceptual Modeling and Business Processes, Model Efficiency, and Ontologies.

The most prominent Web applications in use today are data-intensive. Scores of database management systems across the Internet access and maintain large amounts of structured data for e-commerce, on-line trading, banking, digital libraries, and other high-volume sites. Developing and maintaining these data-intensive applications is an especially complex, multi-disciplinary activity, requiring all the tools and techniques that software engineering can provide. This book represents a breakthrough for Web application developers. Using hundreds of illustrations and an elegant intuitive modeling language, the authors—all internationally-known database researchers—present a

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how the system fits into the telecom management framework, and concludes by introducing more complex concepts. From the initial efforts in managing elements to the latest management standards, the text: Covers the basics of network management, including legacy systems, management protocols, and popular products Deals with OSS/BSS—covering processes, applications, and interfaces in the service/business management layers Includes implementation guidelines for developing customized management solutions The book includes chapters devoted to popular market products and contains case studies that illustrate real-life implementations as well as the interaction between management layers. Complete with detailed references and lists of web resources to keep you current, this valuable resource supplies you with the fundamental understanding and the tools required to begin developing telecom management solutions tailored to your customer's needs.

“There’s an incredible amount of depth and thinking in the practices described here, and it’s impressive to see it all in one place.” —Win Treese, coauthor of *Designing Systems for Internet Commerce* The *Practice of Cloud System Administration, Volume 2*, focuses on “distributed” or “cloud” computing and brings a DevOps/SRE sensibility to the practice of system administration. Unsatisfied with books that cover either design or operations in isolation, the authors created this authoritative reference centered on a comprehensive approach. Case studies and examples from Google, Etsy, Twitter, Facebook, Netflix, Amazon, and other industry giants are explained in practical ways that are useful to all enterprises. The new companion to the best-selling first volume, *The Practice of System and Network Administration, Second Edition*, this guide offers expert coverage of the following and many other crucial topics: Designing and building modern web and distributed systems Fundamentals of large system design Understand the new software engineering implications of cloud administration Make systems that are resilient to failure and grow and scale dynamically Implement DevOps principles and cultural changes IaaS/PaaS/SaaS and virtual platform selection Operating and running systems using the latest DevOps/SRE strategies Upgrade production systems with zero down-time What and how to automate; how to decide what not to automate On-call best practices that improve uptime Why distributed systems require fundamentally different system administration techniques Identify and resolve resiliency problems before they surprise you Assessing and evaluating your team’s operational effectiveness Manage the scientific process of continuous improvement A forty-page, pain-free assessment system you can start using today

Learn how to design and develop distributed web services in Java, using RESTful architectural principles and the JAX-RS 2.0 specification in Java EE 7. By focusing on implementation rather than theory, this hands-on reference demonstrates how easy it is to get started with services based on the REST architecture. With the book’s technical guide, you’ll learn how REST and JAX-RS work and when to use them. The RESTEasy workbook that follows provides step-by-step instructions for installing, configuring, and running several working JAX-RS examples, using the JBoss RESTEasy implementation of JAX-RS 2.0. Learn JAX-RS 2.0 features, including a client API, server-side asynchronous HTTP, and filters and interceptors Examine the design of a distributed RESTful interface for an e-commerce order entry system Use the JAX-RS Response object to return complex responses to your client (ResponseBuilder) Increase the performance of your services by leveraging HTTP caching protocols Deploy and integrate web services within Java EE7, servlet containers, EJB, Spring, and JPA Learn popular mechanisms to perform authentication on the Web, including client-side SSL and OAuth 2.0

?????:Richard Helm,Ralph Johnson,John Vlissides ?????:???,??,???

As most organizations have expanded traditional business space into Web-based environments, a more complete and thorough understanding of Web engineering is becoming vital. Although based primarily on MIS and computer science areas, Web engineering covers a

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Leading author Doug Comer covers layering and shows how all protocols in the TCP/IP suite fit into the five-layer model. With a new focus on CIDR addressing, this revision addresses MPLS and IP switching technology, traffic scheduling, VOIP, Explicit Congestion Notification (ECN), and Selective ACKnowledgement (SACK). Includes coverage of Voice and Video Over IP (RTP), IP coverage, a discussion of routing architectures, examination of Internet application services such as domain name system (DNS), electronic mail (SMTP, MIME), file transfer and access (FTP, TFTP, NFS), remote login (TELNET, rlogin), and network management (SNMP, MIB, ANS.I), a description of mobile IP, and private network interconnections such as NAT and VPN. The new edition includes updates to every chapter, updated examples, a new chapter on MPLS and IP switching technology and an expanded TCP description that features Explicit Congestion Notification (ECN) and Selective ACKnowledgement (SACK). For network and web designers, implementers, and administrators, and for anyone interested in how the Internet works.

Pilone delivers a learner's guide to creating Objective-C applications for the iPhone and iPad.

Never HIGHLIGHT a Book Again Virtually all testable terms, concepts, persons, places, and events are included. Cram101 Textbook Outlines gives all of the outlines, highlights, notes for your textbook with optional online practice tests. Only Cram101 Outlines are Textbook Specific. Cram101 is NOT the Textbook. Accompanys: 9780521673761

"This book presents current, effective software engineering methods for the design and development of modern Web-based applications"--Provided by publisher.

Web-Based Application Development present an introduction to the concepts, theories, practices, languages, and tools used to develop applications for the World Wide Web. It explores the important fundamentals of Web applications while also introducing the programming and technology necessary to put these ideas into practice. This book goes beyond presenting the languages and tools found in other texts by including networking, architecture, security, reliability, and other important concepts and theories necessary for today's web applications. Ideal for novice programmers looking to master the basic skills critical for a successful career in web development, Web-Based Application Development provides broad coverage of the topics coupled with hands-on, active-learning exercises in one, must-have resource. Every new copy of Web-Based Application Development includes a resource CD-ROM that includes: examples (source code); figures (color screen shots and source code); MyWebApp source code; MVCWebApp source code; case study; and "how-to's" for Tomcat, Ant, MySQL, and NetBeans

"This book provide relevant theoretical frameworks covering the latest empirical research findings in the area of grid computing, with a critical perspective bridging the gap between academia and the latest achievements of the computer

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The Handbook of Technical Communication brings together a variety of topics which range from the role of technical media in human communication to the linguistic, multimodal enhancement of present-day technologies. It covers the area of computer-mediated text, voice and multimedia communication as well as of technical documentation. In doing so, the handbook takes professional and private communication into account. Special emphasis is put on technical communication by means of web 2.0 technologies and its standardization in system development. In summary, the handbook deals with theoretical issues of technical communication and its practical impact on the development and usage of text and speech technologies.

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