

This groundbreaking work offers a first-of-its-kind overview of legal informatics, the academic discipline underlying the technological transformation and economics of the legal industry. Edited by Daniel Martin Katz, Ron Dolin, and Michael J. Bommarito, and featuring contributions from more than two dozen academic and industry experts, chapters cover the history and principles of legal informatics and background technical concepts – including natural language processing and distributed ledger technology. The volume also presents real-world case studies that offer important insights into document review, due diligence, compliance, case prediction, billing, negotiation and settlement, contracting, patent management, legal research, and online dispute resolution. Written for both technical and non-technical readers, Legal Informatics is the ideal resource for anyone interested in identifying, understanding, and executing opportunities in this exciting field.

REST continues to gain momentum as the best method for building Web services, and this down-to-earth book delivers techniques and examples that show how to design and implement integration solutions using the REST architectural style.

A team of Microsoft insiders shows programmers how to use Visual Studio 2005 Team System, the new suite of products from Microsoft that can be used for software modeling, design, testing, and deployment Focuses on practical application of the tools on code samples, development scenarios, and automation scripting This timely book serves as both as a step-by-step guide and as a reference for modeling, designing, and coordinating enterprise solutions at every level using Team System The book begins with an overview of Team System and then offers nuts-and-bolts guidance on practical implementation Code examples are provided in both VB.NET and C#

Querying and Updating with SPARQL 1.1

Service Design Patterns

New Applications and Methods

Creating Self-Describing Data

Open Government

InfoWorld

What is this book about? Extensible Markup Language (XML) is a rapidly maturing technology with powerful real-world applications, particularly for the management, display, and organization of data. Together with its many related technologies it is an essential technology for anyone using markup languages on the web or internally. This book teaches you all you need to know about XML — what it is, how it works, what technologies surround it, and how it can best be used in a variety of situations, from simple data transfer to using XML in your web pages. It builds on the strengths of the first edition, and provides new material to reflect the changes in the XML landscape — notably SOAP and Web Services, and the publication of the XML Schemas Recommendation by the W3C. What does this book cover? Here are just a few of the things this book covers: XML syntax and writing well-formed XML Using XML Namespaces Transforming XML into other formats with XSLT XPath and XPointer for locating specific XML data XML Validation using DTDs and XML Schemas Manipulating XML documents with the DOM and SAX 2.0 SOAP and Web Services Displaying XML using CSS and XSL Incorporating XML into tradition databases and n-tier architectures XLink and XPointer for linking XML and non-XML resources Who is this book for? Beginning XML, 2nd Edition is for any developer who is interested in learning to use XML in web, e-commerce or data-storage applications. Some knowledge of mark up, scripting, and/or object oriented programming languages is advantageous, but not essential, as the basis of these techniques are explained as required.

Explains how to take advantage of Google's user interface, discussing how to filter results, use Google's special services, integrate Google applications into a Web site or Weblog, write information retrieval programs, and play games.

IBM® Rational® Application Developer for WebSphere® Software V7.0 (for short, Rational Application Developer) is the full function Eclipse 3.2 based development platform for developing Java™ 2 Platform Standard Edition (J2SETM) and Java 2 Platform Enterprise Edition (J2EETM) applications with a focus on applications to be deployed to IBM WebSphere Application Server and IBM WebSphere Portal. Rational Application Developer provides integrated development tools for all development roles, including Web developers, Java developers, business analysts, architects, and enterprise programmers. Rational Application Developer is part of the IBM Rational Software Delivery Platform (SDP), which contains products in four life cycle categories: - Architecture management, which includes integrated development environments (Application Developer is here) - Change and release management - Process and portfolio management - Quality management This IBM Redbooks® publication is a programming guide that highlights the features and tooling included with Rational Application Developer V7.0. Many of the chapters provide working examples that demonstrate how to use the tooling to develop applications, as well as achieve the benefits of visual and rapid application development. This publication is an update of Rational Application Developer V6 Programming Guide, SG24-6449. This book consists of six parts: - Introduction to Rational Application Developer - Develop applications - Test and debug applications - Deploy and profile applications - Team development - Appendixes

In a world where web services can make real-time data accessible to anyone, how can the government leverage this openness to improve its operations and increase citizen participation and awareness? Through a collection of essays and case studies, leading visionaries and practitioners both inside and outside of government share their ideas on how to achieve and direct this emerging world of online collaboration, transparency, and participation. Contributions and topics include: Beth Simone Noveck, U.S. Deputy Chief Technology Officer for open government, "The Single Point of Failure" Jerry Brito, senior research fellow at the Mercatus Center at George Mason University, "All Your Data Are Belong to Us: Liberating Government Data" Aaron Swartz, cofounder of reddit.com, OpenLibrary.org, and BoldProgressives.org, "When Is Transparency Useful?" Ellen S. Miller, executive director of the Sunlight Foundation, "Disrupting Washington's Golden Rule" Carl Malamud, founder of Public.Resource.Org, "By the People" Douglas Schuler, president of the Public Sphere Project, "Online Deliberation and Civic Intelligence" Howard Dierking, program manager on Microsoft's MSDN and TechNet Web platform team, "Engineering Good Government" Matthew Burton, Web entrepreneur and former intelligence analyst at the Defense Intelligence Agency, "A Peace Corps for Programmers" Gary D. Bass and Sean Moulton, OMB Watch, "Bringing the Web 2.0 Revolution to Government" Tim O'Reilly, founder and CEO of O'Reilly Media, "Defining Government 2.0: Lessons Learned from the Success of Computer Platforms" Open Government editors: Daniel Lathrop is a former investigative projects reporter with the Seattle Post Intelligencer who's covered politics in Washington state, Iowa, Florida, and Washington D.C. He's a specialist in campaign finance and "computer-assisted reporting" -- the practice of using data analysis to report the news. Laurel Ruma is the Gov 2.0 Evangelist at O'Reilly Media. She is also co-chair for the Gov 2.0 Expo.

Concepts, Methodologies, Tools and Applications

Dr. Dobb's Journal of Software Tools for the Professional Programmer

Linux Device Drivers

A Hands-on Guide to Building Apps with IOS and Android

Programming Web Services with XML-RPC

Beyond Markup

The ever expanding abundance of information and computing power enables - searchers and users to tackle highly interesting issues, such as applications providing personalized access and interactivity to multimodal information based on user preferences and semantic concepts or human-machine interface systems utilizing information on the affective state of the user. The general focus of the AIAI conference is to provide insights on how AI can be implemented in real world applications. This volume contains papers selected for presentation at the 5th IFIP Conference on Artificial Intelligence Applications & Innovations (AIAI 2009) being held from 23rd till 25th of April, in Thessaloniki, Greece. The IFIP AIAI 2009 conference is co-organized by the Aristotle University of Thessaloniki, by the University of Macedonia Thessaloniki and by the Democritus University of Thrace. AIAI 2009 is the official conference of the WG12.5 "Artificial Intelligence Applications" working group of IFIP TC12 the International Federation for Information Processing Technical Committee on Artificial Intelligence (AI). It is a conference growing and maintaining high standards of quality. The purpose of the 5th IFIP AIAI Conference is to bring together researchers, engineers and practitioners interested in the technical advances and business / industrial applications of intelligent systems. AIAI 2009 is not only focused in providing insights on how AI can be implemented in real world applications, but it also covers innovative methods, tools and ideas of AI on architectural and algorithmic level.

Solve all your Spring 5 problems using complete and real-world code examples. When you start a new project, you'll be able to copy the code and configuration files from this book, and then modify them for your needs. This can save you a great deal of work over creating a project from scratch. The recipes in Spring 5 Recipes cover Spring fundamentals such as Spring IoC container, Spring AOP/ AspectJ, and more. Other recipes include Spring enterprise solutions for topics such as Spring Java EE integration, Spring Integration, Spring Batch, Spring Remoting, messaging, transactions, and working with big data and the cloud using Hadoop and MongoDB. Finally, Spring web recipes cover Spring MVC, other dynamic scripting, integration with the popular Grails Framework (and Groovy), REST/web services, and more. You'll also see recipes on new topics such as Spring Framework 5, reactive Spring, Spring 5 microservices, the functional web framework and much more. This book builds upon the best-selling success of the previous editions and focuses on the latest Spring Framework features for building enterprise Java applications. What You'll Learn Get re-usable code recipes and snippets for core Spring, annotations and other development tools Access Spring MVC for web development Work with Spring REST and microservices for web services development and integration into your enterprise Java applications Use Spring Batch, NoSQL and big data for building and integrating various cloud computing services and resources Integrate Java Enterprise Edition and other Java APIs for use in Spring Use Grails code and much more Who This Book Is For Experienced Java and Spring programmers.

E-Commerce Trends for Organizational Advancement: New Applications and Methods

Learning Mobile App Development

.NET Framework Essentials