
Comparison Of Json And Xml Data Interchange Formats

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JSON VS XML for Data Transfer XML vs JSON Comparing XML, JSON, and YAML (DevNet) Best Books To Learn JSON JSON Vs XML in Salesforce JSON vs XML - Essential Secrets of JSON API Formats: Why JSON won over XML json vs xml difference|difference between json and xml|json and xml difference|xml and json differ Javascript Tutorial: How to Convert XML into JSON JSON - basics | data types | syntax | benefits What Is JSON | Explained Session 15 Read CSV to JSON Java - Convert JSON to XML Ask Me Anything About XML and JSON What is JSON Fetching and Reading XML Data XML to JSON Convert Using JavaScript | Invention Tricks Parse json schema for file upload questions Cisco Certified DevNet Associate - Compare Data Formats (XML, JSON, and YAML) Data Formats: XML, JSON, and YAML What is JSON? | JSON Tutorial For Beginners | JSON vs XML | JSON Explained with Examples | Edureka JSON Tutorial Part-2 | JSON vs XML | JSON Object \u0026 JSON Array | JSON Examples 10 JSON Vs XML - JSON Vs XML difference 13.6: XML and JSON - Processing Tutorial SGML HTML XML What's the Difference? (Part 1) - Computerphile What is JSON ? What Is JSON | JSON Explained In 1 Minute Introduction to APIs, JSON, and XML

Working the Database, Styling, and Customizing the Backend

15th International Conference, Held as Part of the Services Conference Federation, SCF 2018, Seattle, WA, USA, June 25-30, 2018, Proceedings

The Shape of Data in Digital Humanities

Stuttgart Conference on Automotive Production (SCAP2020)

Designing and Developing Distributed Applications

NoSQL and SQL Data Modeling

Systems Programming

Designing Platform Independent Mobile Apps and Services

Services Computing - SCC 2018

NoSQLand Big Data

Knowledge Science, Engineering and Management
Google Web Toolkit Applications
Next Generation Databases
Beginning Ajax
Sams Teach Yourself ASP.NET Ajax in 24 Hours
Processing XML Documents with Oracle JDeveloper 11g
Creating IBM z/OS Cloud Services
Introduction to PHP Web Services
Regional Conference on Science, Technology and Social Sciences (RCSTSS 2016)

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ROACH OSBORNE

Working the Database, Styling, and Customizing the Backend
diplom.de

In just 24 sessions of one hour or less, you'll learn how to build advanced web sites and applications with ASP.NET Ajax--and upgrade existing pages to deliver more power and business value. Using a straightforward, step-by-step approach, each lesson equips you with sufficient information and guides you to mastery of Ajax in real-world applications. One step at a time, you'll discover how to make the most of the Microsoft Ajax Library and Ajax Server Extensions. You'll develop secure, reliable Web services and applications that solve real problems--including a complete sample e-commerce application. Step-by-step instructions carefully walk you through the most common questions, issues, and tasks. Quizzes help you build and test your knowledge. Notes, tips, and cautions point out shortcuts,

solutions, and potential problems to avoid. New terms are clearly defined and explained. Learn how to... Incorporate ASP.NET Ajax into any new or existing web site or application Use ASP.NET architecture, key concepts, and client-side scripting techniques Design and build a complete e-commerce application Use ASP.NET Ajax to create higher-performance web applications Use all the key Ajax Server Extensions, including the Ajax Control Toolkit Work with the ASP.NET Ajax authentication and profile services Extend the Microsoft Ajax Library Efficiently debug and trace ASP.NET Ajax code Leverage the benefits of Ajax by implementing a sample application Joydip Kanjilal, honored by Microsoft as an ASP.NET MVP, writes frequently on ASP.NET and other .NET technologies for web sites such as www.asptoday.com, www.devx.com, www.aspalliance.com, and www.aspNetpro.com. He is currently lead architect for a consulting company based in Hyderabad, India. He has designed and architected solutions for various domains. Sriram Putrevu, lead developer for a consulting company in Hyderabad, specializes in Microsoft .NET technologies. He has extensive

experience developing large-scale applications in healthcare, supply chain/logistics, EAI, and e-commerce.

15th International Conference, Held as Part of the Services Conference Federation, SCF 2018, Seattle, WA, USA, June 25-30, 2018, Proceedings Apress

This book constitutes the refereed proceedings of five workshops symposia, held at the 39th International Conference on Conceptual Modeling, ER 2020, which were supposed to be held in Vienna, Austria, in November 2020, but were held virtually due to the COVID-19 pandemic instead. The 20 papers promote and disseminate research on theories of concepts underlying conceptual modeling, methods and tools for developing and communicating conceptual models, techniques for transforming conceptual models into effective implementations, and the impact of conceptual modeling techniques on databases, business strategies and information systems. The following workshops are included in this volume: First Workshop on Conceptual Modeling Meets Artificial Intelligence and Data-Driven Decision Making (CMAI); First International Workshop on Conceptual Modeling for Life Sciences (CMLS); Second Workshop on Conceptual Modeling, Ontologies and (Meta)data Management for Findable, Accessible, Interoperable and Reusable (FAIR) Data (CMOMM4FAIR); First Workshop on Conceptual Modeling for NoSQL Data Stores (CoMoNoS); and Third International Workshop on Empirical Methods in Conceptual Modeling (EmpER).

The Shape of Data in Digital Humanities John Wiley & Sons

"It's not easy to find such a generous book on big data and databases. Fortunately, this book is the one." Feng Yu.

Computing Reviews. June 28, 2016. This is a book for enterprise

architects, database administrators, and developers who need to understand the latest developments in database technologies. It is the book to help you choose the correct database technology at a time when concepts such as Big Data, NoSQL and NewSQL are making what used to be an easy choice into a complex decision with significant implications. The relational database (RDBMS) model completely dominated database technology for over 20 years. Today this "one size fits all" stability has been disrupted by a relatively recent explosion of new database technologies. These paradigm-busting technologies are powering the "Big Data" and "NoSQL" revolutions, as well as forcing fundamental changes in databases across the board. Deciding to use a relational database was once truly a no-brainer, and the various commercial relational databases competed on price, performance, reliability, and ease of use rather than on fundamental architectures. Today we are faced with choices between radically different database technologies. Choosing the right database today is a complex undertaking, with serious economic and technological consequences. Next Generation Databases demystifies today's new database technologies. The book describes what each technology was designed to solve. It shows how each technology can be used to solve real world application and business problems. Most importantly, this book highlights the architectural differences between technologies that are the critical factors to consider when choosing a database platform for new and upcoming projects. Introduces the new technologies that have revolutionized the database landscape Describes how each technology can be used to solve specific application or business challenges Reviews the most popular new

wave databases and how they use these new database technologies

Stuttgart Conference on Automotive Production (SCAP2020) Pearson Education

This two-volume set of LNAI 11775 and LNAI 11776 constitutes the refereed proceedings of the 12th International Conference on Knowledge Science, Engineering and Management, KSEM 2019, held in Athens, Greece, in August 2019. The 77 revised full papers and 23 short papers presented together with 10 poster papers were carefully reviewed and selected from 240 submissions. The papers of the first volume are organized in the following topical sections: Formal Reasoning and Ontologies; Recommendation Algorithms and Systems; Social Knowledge Analysis and Management ; Data Processing and Data Mining; Image and Video Data Analysis; Deep Learning; Knowledge Graph and Knowledge Management; Machine Learning; and Knowledge Engineering Applications. The papers of the second volume are organized in the following topical sections: Probabilistic Models and Applications; Text Mining and Document Analysis; Knowledge Theories and Models; and Network Knowledge Representation and Learning.

Designing and Developing Distributed Applications John Wiley & Sons

"Every developer working with the Web needs to read this book." -- David Heinemeier Hansson, creator of the Rails framework
 "RESTful Web Services finally provides a practical roadmap for constructing services that embrace the Web, instead of trying to route around it." -- Adam Trachtenberg, PHP author and EBay Web Services Evangelist
 You've built web sites that can be used

by humans. But can you also build web sites that are usable by machines? That's where the future lies, and that's what RESTful Web Services shows you how to do. The World Wide Web is the most popular distributed application in history, and Web services and mashups have turned it into a powerful distributed computing platform. But today's web service technologies have lost sight of the simplicity that made the Web successful. They don't work like the Web, and they're missing out on its advantages. This book puts the "Web" back into web services. It shows how you can connect to the programmable web with the technologies you already use every day. The key is REST, the architectural style that drives the Web. This book: Emphasizes the power of basic Web technologies -- the HTTP application protocol, the URI naming standard, and the XML markup language Introduces the Resource-Oriented Architecture (ROA), a common-sense set of rules for designing RESTful web services Shows how a RESTful design is simpler, more versatile, and more scalable than a design based on Remote Procedure Calls (RPC) Includes real-world examples of RESTful web services, like Amazon's Simple Storage Service and the Atom Publishing Protocol Discusses web service clients for popular programming languages Shows how to implement RESTful services in three popular frameworks -- Ruby on Rails, Restlet (for Java), and Django (for Python) Focuses on practical issues: how to design and implement RESTful web services and clients This is the first book that applies the REST design philosophy to real web services. It sets down the best practices you need to make your design a success, and the techniques you need to turn your design into working code. You can harness the power of the Web

for programmable applications: you just have to work with the Web instead of against it. This book shows you how.

NoSQL and SQL Data Modeling Technics Publications

This IBM® Redbooks® publication discusses the real world experience of an enterprise that developed and implemented IBM z/OS® cloud services. This book shares the experience of a team at Walmart Technology, Walmart Stores, Inc.® and some of the decisions they made to create business critical cloud services. These experiences and approaches relate to the z/OS platform, and might not apply to other hybrid cloud approaches. This book highlights the strengths and characteristics of z/OS that led the Walmart infrastructure and software engineers to use this platform as they transitioned from a traditional IT deployment to a cloud model. Embarking on a cloud strategy can be overwhelming. No shortage of approaches to cloud computing exists. This book focuses on a pragmatic approach for enterprises that are struggling to take advantage of their business assets in the cloud. This book introduces the basic cloud concepts as defined by the National Institute of Standards and Technology (NIST). Each chapter explains the importance of a particular NIST characteristic, the z/OS role in accomplishing the characteristic, and how it was implemented by the Walmart Technology team. This book is intended for IT professionals who are considering extending their IBM z Systems™ environment to a hybrid cloud by unleashing the power of cloud services on z/OS. For information about creating cloud services that are hosted in IBM CICS®, see How Walmart Became a Cloud Services Provider with IBM CICS, SG24-8347.

[Systems Programming](#) Routledge

Advances in web technology and the proliferation of sensors and mobile devices connected to the internet have resulted in the generation of immense data sets available on the web that need to be represented, saved, and exchanged. Massive data can be managed effectively and efficiently to support various problem-solving and decision-making techniques. Emerging Technologies and Applications in Data Processing and Management is a critical scholarly publication that examines the importance of data management strategies that coincide with advancements in web technologies. Highlighting topics such as geospatial coverages, data analysis, and keyword query, this book is ideal for professionals, researchers, academicians, data analysts, web developers, and web engineers.

DESIGNING PLATFORM INDEPENDENT MOBILE APPS AND SERVICES

Springer Nature

Presents an introduction to data analytics, describing the management of multi-terabyte datasets, such query tools as Hadoop, Hive, and Google BigQuery, the use of R to perform statistical analysis, and advanced data visualization tools.

[Services Computing – SCC 2018](#) Springer

While many resources for network and IT security are available, detailed knowledge regarding modern web application security has been lacking—until now. This practical guide provides both offensive and defensive security concepts that software engineers can easily learn and apply. Andrew Hoffman, a senior security engineer at Salesforce, introduces three pillars of web application security: recon, offense, and defense. You'll learn

methods for effectively researching and analyzing modern web applications—including those you don't have direct access to. You'll also learn how to break into web applications using the latest hacking techniques. Finally, you'll learn how to develop mitigations for use in your own web applications to protect against hackers. Explore common vulnerabilities plaguing today's web applications Learn essential hacking techniques attackers use to exploit applications Map and document web applications for which you don't have direct access Develop and deploy customized exploits that can bypass common defenses Develop and deploy mitigations to protect your applications against hackers Integrate secure coding best practices into your development lifecycle Get practical tips to help you improve the overall security of your web applications

NoSQLand Big Data Apress

This book is for PHP developers who have spent time attempting to extend or customize Joomla with PHP code. This book has been designed with specific Joomla! development problems in mind, and it is expected that you are comfortable using PHP code to extend and customize Joomla!

Knowledge Science, Engineering and Management Packt Publishing Ltd

Web Services, Service-Oriented Architectures, and Cloud Computing is a jargon-free, highly illustrated explanation of how to leverage the rapidly multiplying services available on the Internet. The future of business will depend on software agents, mobile devices, public and private clouds, big data, and other highly connected technology. IT professionals will need to evaluate and combine online services into service-oriented

architectures (SOA), often depending on Web services and cloud computing. This can mean a fundamental shift away from custom software and towards a more nimble use of semantic vocabularies, middle-tier systems, adapters and other standardizing aspects. This book is a guide for the savvy manager who wants to capitalize on this technological revolution. It begins with a high-level example of how an average person might interact with a service-oriented architecture, and progresses to more detail, discussing technical forces driving adoption and how to manage technology, culture and personnel issues that can arise during adoption. An extensive reference section provides quick access to commonly used terms and concepts. Broad, non-technical explanation of a technical topic for managers at all levels Only web services book to cover data management and software engineering perspectives; excellent resource for all members of IT teams Provides a set of leadership principles and suggested applications for using this technology

GOOGLE WEB TOOLKIT APPLICATIONS

"O'Reilly Media, Inc."

"This book has a "wealth" of solutions for problems that Joomla! developers face regularly. It provides step-by-step mini examples which show how to overcome common design and implementation problems when creating Joomla! extensions. It will help you setup a sustainable collaborative development environment using the powerful free services offered by JoomlaCode.org. This book can be used in different ways. It can be used by the pro Joomla! developer looking for a specific solution to a problem and can also be used by a novice developer

looking for an insight into an area of common problems, such as effectively handling errors in Joomla! Readers who choose to read an entire chapter will first be given a brief overview of the topic in hand and its role and importance when developing for Joomla! The Recipes contained within the chapter will introduce the reader to specific problems and provide hands-on solutions. It provides solutions for core design topics including security, data access, users, sessions, and multilingual capabilities"--Resource description p.

Next Generation Databases XML and JSON Recipes for SQL ServerA Problem-Solution Approach

A framework for the theory and practice of organizing that integrates the concepts and methods of information organization and information retrieval. Organizing is such a common activity that we often do it without thinking much about it. In our daily lives we organize physical things—books on shelves, cutlery in kitchen drawers—and digital things—Web pages, MP3 files, scientific datasets. Millions of people create and browse Web sites, blog, tag, tweet, and upload and download content of all media types without thinking “I’m organizing now” or “I’m retrieving now.” This book offers a framework for the theory and practice of organizing that integrates information organization (IO) and information retrieval (IR), bridging the disciplinary chasms between Library and Information Science and Computer Science, each of which views and teaches IO and IR as separate topics and in substantially different ways. It introduces the unifying concept of an Organizing System—an intentionally arranged collection of resources and the interactions they support—and then explains the key concepts and challenges in

the design and deployment of Organizing Systems in many domains, including libraries, museums, business information systems, personal information management, and social computing. Intended for classroom use or as a professional reference, the book covers the activities common to all organizing systems: identifying resources to be organized; organizing resources by describing and classifying them; designing resource-based interactions; and maintaining resources and organization over time. The book is extensively annotated with disciplinary-specific notes to ground it with relevant concepts and references of library science, computing, cognitive science, law, and business.

Beginning Ajax Apress

Systems Programming: Designing and Developing Distributed Applications explains how the development of distributed applications depends on a foundational understanding of the relationship among operating systems, networking, distributed systems, and programming. Uniquely organized around four viewpoints (process, communication, resource, and architecture), the fundamental and essential characteristics of distributed systems are explored in ways which cut across the various traditional subject area boundaries. The structures, configurations and behaviours of distributed systems are all examined, allowing readers to explore concepts from different perspectives, and to understand systems in depth, both from the component level and holistically. Explains key ideas from the ground up, in a self-contained style, with material carefully sequenced to make it easy to absorb and follow. Features a detailed case study that is designed to serve as a common point

of reference and to provide continuity across the different technical chapters. Includes a 'putting it all together' chapter that looks at interesting distributed systems applications across their entire life-cycle from requirements analysis and design specifications to fully working applications with full source code. Ancillary materials include problems and solutions, programming exercises, simulation experiments, and a wide range of fully working sample applications with complete source code developed in C++, C# and Java. Special editions of the author's established 'workbenches' teaching and learning tools suite are included. These tools have been specifically designed to facilitate practical experimentation and simulation of complex and dynamic aspects of systems.

Sams Teach Yourself ASP.NET Ajax in 24 Hours Morgan Kaufmann

How do we design for data when traditional design techniques cannot extend to new database technologies? In this era of big data and the Internet of Things, it is essential that we have the tools we need to understand the data coming to us faster than ever before, and to design databases and data processing systems that can adapt easily to ever-changing data schemas and ever-changing business requirements. There must be no intellectual disconnect between data and the software that manages it. It must be possible to extract meaning and knowledge from data to drive artificial intelligence applications. Novel NoSQL data organization techniques must be used side-by-side with traditional SQL databases. Are existing data modeling techniques ready for all of this? The Concept and Object Modeling Notation (COMN) is able to cover the full spectrum of analysis and design. A single COMN model can represent the objects and

concepts in the problem space, logical data design, and concrete NoSQL and SQL document, key-value, columnar, and relational database implementations. COMN models enable an unprecedented level of traceability of requirements to implementation. COMN models can also represent the static structure of software and the predicates that represent the patterns of meaning in databases. This book will teach you: the simple and familiar graphical notation of COMN with its three basic shapes and four line styles how to think about objects, concepts, types, and classes in the real world, using the ordinary meanings of English words that aren't tangled with confused techno-speak how to express logical data designs that are freer from implementation considerations than is possible in any other notation how to understand key-value, document, columnar, and table-oriented database designs in logical and physical terms how to use COMN to specify physical database implementations in any NoSQL or SQL database with the precision necessary for model-driven development

Processing XML Documents with Oracle JDeveloper 11g Springer Science & Business Media

A complete guide to Pentaho Kettle, the Pentaho Data Integration toolset for ETL This practical book is a complete guide to installing, configuring, and managing Pentaho Kettle. If you're a database administrator or developer, you'll first get up to speed on Kettle basics and how to apply Kettle to create ETL solutions—before progressing to specialized concepts such as clustering, extensibility, and data vault models. Learn how to design and build every phase of an ETL solution. Shows developers and database administrators how to use the open-

source Pentaho Kettle for enterprise-level ETL processes (Extracting, Transforming, and Loading data) Assumes no prior knowledge of Kettle or ETL, and brings beginners thoroughly up to speed at their own pace Explains how to get Kettle solutions up and running, then follows the 34 ETL subsystems model, as created by the Kimball Group, to explore the entire ETL lifecycle, including all aspects of data warehousing with Kettle Goes beyond routine tasks to explore how to extend Kettle and scale Kettle solutions using a distributed “cloud” Get the most out of Pentaho Kettle and your data warehousing with this detailed guide—from simple single table data migration to complex multisystem clustered data integration tasks.

CREATING IBM z/OS CLOUD SERVICES

Packt Publishing Ltd

Research into the next generation of service architecture techniques has enabled the design, development, and implementation of dynamic, adaptive, and autonomic services to enable enterprises to efficiently align information technology with their agile business requirements and foster smart services and seamless enterprise integration. Handbook of Research on Architectural Trends in Service-Driven Computing explores, delineates, and discusses recent advances in architectural methodologies and development techniques in service-driven computing. This comprehensive publication is an inclusive reference source for organizations, researchers, students, enterprise and integration architects, practitioners, software developers, and software engineering professionals engaged in the research, development, and integration of the next

generation of computing.

Introduction to PHP Web Services Springer Science & Business Media

“Ryan clearly understands the GWT value proposition and how GWT integrates into a diverse web technology stack—and not just in a theoretical way. With the popularity of gpokr.com and kdice.com, Ryan can speak with the authority of concrete success.” —Bruce Johnson, creator of Google Web Toolkit “This book distinguishes itself from other books on GWT in that it walks through the entire process of building several nontrivial GWT applications, not the toy applications that most books present.” —R. Mark Volkmann, Object Computing, Inc. “Google™ Web Toolkit Applications is an excellent resource for any GWT developer. Solutions to challenges commonly encountered in GWT are presented through the design and development of actual applications. The applications developed throughout the text demonstrate best practices from simple UI design all the way to custom code generation, and are presented with little pretext about the amount of Java knowledge a given developer may have. Advanced concepts are not withheld but are presented in a way that will be understood by both novice and seasoned developers alike. Good application development practices and proper Model View Controller design is reinforced throughout the book, nearly guaranteeing that the reader will come away a better programmer.” —Jason Essington, Senior Web/Java Engineer, Green River Computing “Dewsbury’s Google™ Web Toolkit Applications is a book for both experts and beginner programmers who want to discover this open source Java software development framework, as well as write Ajax

applications. A very detailed book!” —Massimo Nardone, Advisory IT Security Architect Accelerate and Simplify Ajax Development with Google Web Toolkit Get the edge you need to deliver exceptional user experiences with Google™ Web Toolkit Applications, a guidebook that provides web developers with core information and instructions for creating rich web applications. Whether you’re a developer who needs to build a high-performance front end for Java, PHP, or Ruby applications, or to integrate with external web services, this resource from expert Google Web Toolkit (GWT) developer Ryan Dewsbury delivers the in-depth coverage you’ll need. In this valuable book, insider Ryan Dewsbury provides instructions for using the robust tool set and gets you on your way to creating first-class web applications by providing a comprehensive overview of GWT technology. In addition, he shares his “in-the-trenches” insights on Building elegant and responsive user interfaces with Cascading Style Sheets and GWT’s Widgets and Panels Creating seamless user experiences through asynchronous communication with HTTP, REST, JSON/JSONP, and RPC Interoperating with web standards—such as XML, RSS, and Atom—and web services—such as Google Maps, Amazon Books, Yahoo! Search, Flickr, and Blogger Overcoming browser security restrictions, such as HTTP’s two-connection limit and the Same-Origin policy Accelerating development, using software engineering, code generation, internationalization, application patterns, and Java tools Deploying for optimal performance with resource compression and caching Building five non-trivial applications: a gadget application with a rich drag-and-drop interface, a multi-search application that makes requests to many search engines,

a blog editor application for managing entries across multiple blogs, a web-based instant messenger, and a database manager for a traditional web page This practical guide to GWT introduces you to the technology; provides techniques, tips, and examples; and puts you on the road to delivering top-notch user experiences for your web applications.

Regional Conference on Science, Technology and Social Sciences (RCSTSS 2016) MIT Press

This book covers latest topics including RESTful, RPC, SOAP, Microservices, Webhook, WSDL and more. I've provide working examples with code throughout the book. The code and examples are in PHP, JavaScript, JSON, XML, MySQL and WSDL. Each example has screen shot output so that you could match your output with the correct output I provide. I chose PHP to write this book because PHP is ready to develop RESTful and SOAP webservices. PHP is platform independent and widely used in developing data-driven Websites.

O'Reilly Media

Hands-on guidance for programming the next generation of iOS apps If you want to create advanced level iOS apps that get noticed in the App Store, start with this expert book. Written by an international software developer and consultant who has delivered winning solutions for clients all over the world, this professional guide helps you build robust, professional iOS apps at a level that satisfies the demands of clients, companies, and your own creativity. The book includes full source code and invaluable insight from the author's extensive experience. Especially helpful are numerous case studies that shed light on key topics. Explores all topics necessary to help you build

professional iOS applications perfectly targeted to clients' needs
Covers essential topics including creating a professional UI,
networking and data processing, integrating your app, and taking
it into production Includes sample code and sample apps, ideal
for hands-on learning Examines using social media aggregators,

real-time currency converters, QR scanners, customer tracking
and quality payment system Provides in-depth examples from the
author's extensive career, as well as numerous case studies Take
your programming skills to an advanced level with Professional
iOS Programming.

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