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# Comparison Of Json And Xml Data Interchange Formats A

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Regional Conference on Science, Technology and Social Sciences (RCSTSS 2016)  
Pro RESTful APIs  
ENTERprise Information Systems  
Essentials of Microservices Architecture  
Introduction to JavaScript Object Notation  
Services Computing - SCC 2018  
Beginning Ajax  
Building Information Modelling, Building Performance, Design and Smart Construction  
RESTful Web Services  
JavaScript: The Good Parts  
XML JSON Programming, for Beginners, Quick Start Guide  
SQL Server Advanced Data Types  
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JSON at Work  
XML and Web Technologies for Data Sciences with R  
XML JSON in 8 Hours, for Beginners, Learn Coding Fast!  
Evaluation and comparison of Ajax Frameworks regarding applicability, productivity and technical limitations  
XML in a Nutshell

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## JAZMYN MOON

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Regional Conference on Science, Technology and Social Sciences (RCSTSS 2016) Taylor & Francis  
This book constitutes the proceedings of the International Conference on Services Computing, SCC 2018, as part of SCF 2018, held in Seattle, WA, USA, in June 2018. The 12 papers presented in this volume were carefully reviewed and selected from numerous submissions. The papers cover the science and technology of leveraging computing and information technology to model, create, operate, and manage business services.

### **Pro RESTful APIs** Simon and Schuster

The complexity of life, because they do not understand to simplify the complex, to simplify the complexity, simple is the beginning of wisdom. From the essence of practice, to briefly explain the concept, and vividly cultivate programming interest, this book deeply analyzes Java Parsing List Map XML JSON, combined with the use of scene interpretation in practice, to experience the fun of programming.1. Parsing XML Attributes CRUD2. Parsing XML No Attributes CRUD3. Convert List to XML File4. Java Reflection5. Convert Any Object to XML6. Convert Any List to XML7. Convert XML to Object8. Parse JSON Object String9. Parse Nested JSON Object10. Parse JSON Array String11. Parse 2D JSON Array12. Parse JSON Object Array13. Object to JSONObject14. Array to JSONArray15. Map to JSONObject16. List to JSON Object Array

### *ENTERprise Information Systems* Pearson Education

Learn the essentials of data integration with this comprehensive guide, covering everything from sources to solutions, and discover the key to making the most of your data stack Key Features Learn how to leverage modern data stack tools and technologies for effective data integration Design and implement data integration solutions with practical advice and best practices Focus on modern technologies such as cloud-based architectures, real-time data processing, and open-source tools and technologies Purchase of the print or Kindle book includes a free PDF eBook Book DescriptionThe Definitive Guide to Data Integration is an indispensable resource for navigating the complexities of modern data integration. Focusing on the latest tools, techniques, and best practices, this guide helps you master data integration and unleash the full potential of your data. This comprehensive guide begins by examining the challenges and key concepts of data integration, such as managing huge volumes of data and dealing with the different data types. You'll gain a deep understanding of the modern data stack and its architecture, as well as the pivotal role of open-source technologies in shaping the data landscape. Delving into the layers of the modern data stack, you'll cover data sources, types, storage, integration techniques, transformation, and processing. The book also offers insights into data exposition and APIs, ingestion and storage strategies, data preparation and analysis, workflow management, monitoring, data quality, and governance. Packed with practical use cases, real-world examples, and a glimpse into the future of data integration, The Definitive Guide to Data Integration is an essential resource for data eclectics. By the end of this

book, you'll have the gained the knowledge and skills needed to optimize your data usage and excel in the ever-evolving world of data. What you will learn Discover the evolving architecture and technologies shaping data integration Process large data volumes efficiently with data warehousing Tackle the complexities of integrating large datasets from diverse sources Harness the power of data warehousing for efficient data storage and processing Design and optimize effective data integration solutions Explore data governance principles and compliance requirements Who this book is for This book is perfect for data engineers, data architects, data analysts, and IT professionals looking to gain a comprehensive understanding of data integration in the modern era. Whether you're a beginner or an experienced professional enhancing your knowledge of the modern data stack, this definitive guide will help you navigate the data integration landscape.

### *Essentials of Microservices Architecture* "O'Reilly Media, Inc."

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.

### Introduction to JavaScript Object Notation Apress

This three-volume-set (CCIS 219, CCIS 220, and CCIS 221) constitutes the refereed proceedings of the International Conference on ENTERprise Information Systems, CENTERIS 2011, held in Vilamoura, Portugal, in September 2011. The approx. 120 revised full papers presented in the three volumes were carefully reviewed and selected from 180 submissions. The papers are organized in topical sections on knowledge society, EIS adoption and design, EIS implementation and impact, EIS applications, social aspects and IS in education, IT/IS management, telemedicine and imaging technologies, healthcare information management, medical records and business processes, decision support systems and business intelligence in health and social care contexts, architectures and emerging technologies in healthcare organizations, as well as m-health.

Services Computing – SCC 2018 Hodder Education

This book constitutes the refereed post-conference proceedings of the 6th International Conference on Future Access Enablers for Ubiquitous and Intelligent Infrastructures, FABULOUS 2022, held in May 2022. Due to COVID-19 pandemic the conference was held virtually. The 18 revised full papers were carefully reviewed and selected from 70 submissions. The papers are organized in thematic sessions on: Future access networks; Internet of Things and smart city/smart environment applications; Information and communications technology; Sustainable communications and computing infrastructures.

*Beginning Ajax* Springer

Most programming languages contain good and bad parts, but JavaScript has more than its share of the bad, having been developed and released in a hurry before it could be refined. This authoritative book scrapes away these bad features to reveal a subset of JavaScript that's more reliable, readable, and maintainable than the language as a whole—a subset you can use to create truly extensible and efficient code. Considered the JavaScript expert by many people in the development community, author Douglas Crockford identifies the abundance of good ideas that make JavaScript an outstanding object-oriented programming language—ideas such as functions, loose typing, dynamic objects, and an expressive object literal notation. Unfortunately, these good ideas are mixed in with bad and downright awful ideas, like a programming model based on global variables. When Java applets failed, JavaScript became the language of the Web by default, making its popularity almost completely independent of its qualities as a programming language. In *JavaScript: The Good Parts*, Crockford finally digs through the steaming pile of good intentions and blunders to give you a detailed look at all the genuinely elegant parts of JavaScript, including: Syntax Objects Functions Inheritance Arrays Regular expressions Methods Style Beautiful features The real beauty? As you move ahead with the subset of JavaScript that this book presents, you'll also sidestep the need to unlearn all the bad parts. Of course, if you want to find out more about the bad parts and how to use them badly, simply consult any other JavaScript book. With *JavaScript: The Good Parts*, you'll discover a beautiful, elegant, lightweight and highly expressive language that lets you create effective code, whether you're managing object libraries or just trying to get Ajax to run fast. If you develop sites or applications for the Web, this book is an absolute must.

**Building Information Modelling, Building Performance, Design and Smart Construction**  
"O'Reilly Media, Inc."

Use this guide to master the XML metalanguage and JSON data format along with significant Java APIs for parsing and creating XML and JSON documents from the Java language. New in this edition is coverage of Jackson (a JSON processor for Java) and Oracle's own Java API for JSON processing (JSON-P), which is a JSON processing API for Java EE that also can be used with Java SE. This new edition of *Java XML and JSON* also expands coverage of DOM and XSLT to include additional API content and useful examples. All examples in this book have been tested under Java 11. In some cases, source code has been simplified to use Java 11's var language feature. The first six chapters focus on XML along with the SAX, DOM, StAX, XPath, and XSLT APIs. The remaining six chapters focus on JSON along with the mjson, GSON, JsonPath, Jackson, and JSON-P APIs. Each chapter ends with select exercises designed to challenge your grasp of the chapter's content. An appendix

provides the answers to these exercises. What You'll Learn Master the XML language Create, validate, parse, and transform XML documents Apply Java's SAX, DOM, StAX, XPath, and XSLT APIs Master the JSON format for serializing and transmitting data Code against third-party APIs such as Jackson, mjson, Gson, JsonPath Master Oracle's JSON-P API in a Java SE context Who This Book Is For Intermediate and advanced Java programmers who are developing applications that must access data stored in XML or JSON documents. The book also targets developers wanting to understand the XML language and JSON data format.

*RESTful Web Services* John Wiley & Sons

Inhaltsangabe: Abstract: For some years the Internet has been dominated by phrases like Web 2.0 and Ajax. The catchword Web 2.0, which was originally established by O'Reilly at the first Web 2.0 conference in October 2004, not only describes a new way of perception and usage of the internet (e.g. social software like blogs, wikis, etc.), but also stands for more or less innovative techniques as for instance RSS or Ajax. The latter is a combination of techniques that have been available since the late 1990s, such as JavaScript, asynchronous requests and XML. However, the term Ajax only exists since Jesse James Garret introduced it in his article in February 2005. Since then Ajax has experienced a real hype. Google Mail, Google Maps or Flickr just serve as examples for the mass of applications that have to attribute their success substantially to Ajax. When it comes to web application development there has also been a lot of progress in the field of Ajax: Ajax frameworks of all kinds massively gained popularity and flooded the development community. From the biggest companies through to small development teams, almost everyone has published his own Ajax framework or library in the last two years. In the meantime there are far more than 150 different frameworks for various programming languages and diverse aims. Because of this uncontrolled growth of frameworks it is quite difficult to say which of those is most suitable for a specific project. There are two key questions that have to be considered in case of Ajax or Rich Internet Applications (RIAs) in general: How can Ajax significantly increase the business value of an application and how can it be applied productively? This thesis mainly focuses on the latter question by evaluating three Ajax frameworks of large companies with a strong background by means of an example application with respect to commercial applicability, productivity, performance as well as enhancement and adaptation possibilities. Furthermore this work discusses the technical limitations and problems of Ajax and provides an outlook on future developments in this area. As example application for the evaluation a web-based tracking system for public transportation is implemented. Each single vehicle is visualized on a street map according to its current position. By the implementation of this application with each of the three chosen Ajax frameworks their applicability, productivity and performance is illustrated as well as [...]

*JavaScript: The Good Parts* Springer

Give your C programs the power to digest, process, and generate information in the popular data interchange formats, XML and JSON. This tutorial covers all the basics, from installing the Libxml2 and json-c libraries, testing the functions, and working with the data. The process works best in the Unix environment, though information is also provided for the Code::Blocks IDE. An understanding of C programming as well as using a terminal window is a must. From Dan Gookin, the author and creator of the original *For Dummies* title, "DOS For Dummies," this book is packed with the kind of

information and entertainment you'd expect. A must for any C coder's library

**XML JSON Programming, for Beginners, Quick Start Guide** "O'Reilly Media, Inc."

"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

*SQL Server Advanced Data Types* Orange Education Pvt Ltd

Navigating Databricks with Ease for Unparalleled Data Engineering Insights. **KEY FEATURES** ● Navigate Databricks with a seamless progression from fundamental principles to advanced engineering techniques. ● Gain hands-on experience with real-world examples, ensuring immediate relevance and practicality. ● Discover expert insights and best practices for refining your data engineering skills and achieving superior results with Databricks. **DESCRIPTION** Ultimate Data Engineering with Databricks is a comprehensive handbook meticulously designed for professionals aiming to enhance their data engineering skills through Databricks. Bridging the gap between foundational and advanced knowledge, this book employs a step-by-step approach with detailed explanations suitable for beginners and experienced practitioners alike. Focused on practical applications, the book employs real-world examples and scenarios to teach how to construct, optimize, and maintain robust data pipelines. Emphasizing immediate applicability, it equips readers to address real data challenges using Databricks effectively. The goal is not just understanding Databricks but mastering it to offer tangible solutions. Beyond technical skills, the book imparts best practices and expert tips derived from industry experience, aiding readers in avoiding common pitfalls and adopting strategies for optimal data engineering solutions. This book will help you develop the skills needed to make impactful contributions to organizations, enhancing your value as

data engineering professionals in today's competitive job market. **WHAT WILL YOU LEARN** ● Acquire proficiency in Databricks fundamentals, enabling the construction of efficient data pipelines. ● Design and implement high-performance data solutions for scalability. ● Apply essential best practices for ensuring data integrity in pipelines. ● Explore advanced Databricks features for tackling complex data tasks. ● Learn to optimize data pipelines for streamlined workflows. **WHO IS THIS BOOK FOR?** This book caters to a diverse audience, including data engineers, data architects, BI analysts, data scientists and technology enthusiasts. Suitable for both professionals and students, the book appeals to those eager to master Databricks and stay at the forefront of data engineering trends. A basic understanding of data engineering concepts and familiarity with cloud computing will enhance the learning experience. **TABLE OF CONTENTS** 1. Fundamentals of Data Engineering 2. Mastering Delta Tables in Databricks 3. Data Ingestion and Extraction 4. Data Transformation and ETL Processes 5. Data Quality and Validation 6. Data Modeling and Storage 7. Data Orchestration and Workflow Management 8. Performance Tuning and Optimization 9. Scalability and Deployment Considerations 10. Data Security and Governance Last Words Index

**Business Intelligence: Concepts, Methodologies, Tools, and Applications** Elsevier

This book charts the path toward high performance sustainable buildings and the smart dwellings of the future. The volume clearly explains the principles and practices of high performance design, the uses of building information modelling (BIM), and the materials and methods of smart construction. Power Systems, Architecture, Material Science, Civil Engineering and Information Systems are all given consideration, as interdisciplinary endeavours are at the heart of this green building revolution.

*XML and JSON Recipes for SQL Server* Packt Publishing Ltd

Data analysis is an important part of modern business administration, as efficient compilation of information allows managers and business leaders to make the best decisions for the financial solvency of their organizations. Understanding the use of analytics, reporting, and data mining in everyday business environments is imperative to the success of modern businesses. Business Intelligence: Concepts, Methodologies, Tools, and Applications presents a comprehensive examination of business data analytics along with case studies and practical applications for businesses in a variety of fields and corporate arenas. Focusing on topics and issues such as critical success factors, technology adaptation, agile development approaches, fuzzy logic tools, and best practices in business process management, this multivolume reference is of particular use to business analysts, investors, corporate managers, and entrepreneurs in a variety of prominent industries.

Ultimate Data Engineering with Databricks Springer

This text is meant as a case study and companion text to many Systems Analysis & Design textbooks used in undergraduate Management Information Systems (MIS), Business Information Systems (BIS) and Computer Information Systems (CIS) programs. The US counts about 1,300 (undergraduate + graduate) such programs (Mandiwalla et al., 2016). These texts typically contain short descriptions of technologies which give students some sense of what these technologies are used for, but do not provide much context or reflection on why these technologies might or might not be applied and what such applications actually amount to in real life. As a consequence,

students, having worked their way through these textbooks and associated courses will have had little exposure to the reasoning which must take place when making choices between these technologies and to what goes into combining them into working and successful system architectures. It is our hope that this Tale of Two Systems (pun very much intended) will help mitigate this problem a little.

Learning XML Createspace Independent Publishing Platform

Exam Board: AQA Level: AS/A-level Subject: Computer Science First Teaching: September 2015 First Exam: June 2016 This title has been approved by AQA for use with the AS and A-level AQA Computer Science specifications. AQA A-level Computer Science gives students the chance to think creatively and progress through the AQA AS and A-level Computer Science specifications. Detailed coverage of the specifications will enrich understanding of the fundamental principles of computing, whilst a range of activities help to develop the programming skills and computational thinking skills at A-level and beyond. - Enables students to build a thorough understanding of the fundamental principles in the AQA AS and A-Level Computer Science specifications, with detailed coverage of programming, algorithms, data structures and representation, systems, databases and networks, uses and consequences. - Helps to tackle the various demands of the course confidently, with advice and support for programming and theoretical assessments and the problem-solving or investigative project at A-level. - Develops the programming and computational thinking skills for A-level and beyond - frequent coding and question practice will help students apply their knowledge of the principles of computer science, and design, program and evaluate problem-solving computer systems. Bob Reeves is an experienced teacher with examining experience, and well-respected author of resources for Computing and ICT across the curriculum.

**Emerging Technologies and Applications in Data Processing and Management** Springer Nature

About this book: Absolutely for Beginners "Xml Json in 8 Hours" covers all essential Xml & Json knowledge. You can learn complete primary skills of Xml & Json fast and easily. The book includes more than 80 practical examples for beginners and includes tests & answers for the college exam, the engineer certification exam, and the job interview exam. Source Code for Download This book provides source code for download; you can download the source code for better study, or copy the source code to your favorite editor to test the programs. Table of Contents Chapter 1 XML Basic Chapter 2 XML DTD Chapter 3 XML Study Chapter 4 XML Schema Chapter 5 JSON Basic Chapter 6 JSON Study Appendix XML XSL Questions & Answers Source Code for Download

Dan Gookin's Guide to XML and JSON Programming diplom.de

This book provides an introduction to health interoperability and the main standards used. Health interoperability delivers health information where and when it is needed. Everybody stands to gain

from safer more soundly based decisions and less duplication, delays, waste and errors. The third edition of Principles of Health Interoperability includes a new part on FHIR (Fast Health Interoperability Resources), the most important new health interoperability standard for a generation. FHIR combines the best features of HL7's v2, v3 and CDA while leveraging the latest web standards and a tight focus on implementability. FHIR can be implemented at a fraction of the price of existing alternatives and is well suited for use in mobile phone apps, cloud communications and EHRs. The book is organised into four parts. The first part covers the principles of health interoperability, why it matters, why it is hard and why models are an important part of the solution. The second part covers clinical terminology and SNOMED CT. The third part covers the main HL7 standards: v2, v3, CDA and IHE XDS. The new fourth part covers FHIR and has been contributed by Grahame Grieve, the original FHIR chief.

**Go Web Programming** "O'Reilly Media, Inc."

Web services are leading to the use of more packaged software either as an internal service or an external service available over the Internet. These services, which will be connected together to create the information technology systems of the future, will require less custom software in our organizations and more creativity in the connections between the services. This book begins with a high-level example of how an average person in an organization might interact with a service-oriented architecture. As the book progresses, more technical detail is added in a "peeling of the onion" approach. The leadership opportunities within these developing service-oriented architectures are also explained. At the end of the book there is a compendium or "pocket library" for software technology related to service-oriented architectures. · Only web services book to cover both data management and software engineering perspectives, excellent resource for ALL members of IT teams · Jargon free, highly illustrated, with introduction that anyone can read that then leads into increasing technical detail · Provides a set of leadership principles and suggested application for using this technology.

*Knowledge Science, Engineering and Management* "O'Reilly Media, Inc."

This book gathers selected theoretical and applied science papers presented at the 2016 Regional Conference of Sciences, Technology and Social Sciences (RCSTSS 2016), organized biannually by the Universiti Teknologi MARA Pahang, Malaysia. Addressing a broad range of topics, including architecture, computer science, engineering, environmental and management, furniture, forestry, health and medicine, material science, mathematics, plantation and agrotechnology, sports science and statistics, the book serves as an essential platform for disseminating research findings, and inspires positive innovations in the region's development. The carefully reviewed papers in this volume present work by researchers of local, regional and global prominence. Taken together, they offer a valuable reference guide and point of departure for all academics and students who want to pursue further research in their respective fields.

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