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MongoDB Fundamentals "O'Reilly Media, Inc."

An updated edition that sheds new light on one of the most dramatic reversals of military fortune in modern history. The easing of Israeli military censorship after four decades has enabled Abraham Rabinovich to offer fresh insights into this fiercest of Israel-Arab conflicts. A surprise Arab attack on two fronts on the holiest day of the Jewish calendar, with Israel's reserves un-mobilized, triggered apocalyptic visions in Israel, euphoria in the Arab world, and fraught debates on both sides. Rabinovich, who covered the war for The Jerusalem Post, draws on extensive interviews and primary source material to shape his enthralling narrative. We learn of two Egyptian nationals, working separately for the Mossad, who supplied Israel with key information that helped change the course of the war; of Defense Minister Moshe Dayan's proposal for a nuclear "demonstration" to warn off the Arabs; and of Chief of Staff David Elazar's conclusion on the fifth day of battle that Israel could not win. Newly available transcripts enable us to follow the decision-making process in real time from the prime minister's office to commanders studying maps in the field. After almost overrunning the Golan Heights, the Syrian attack is broken in desperate battles. And as Israel regains its psychological balance, General Ariel Sharon leads a nighttime counterattack across the Suez Canal through a narrow hole in the Egyptian line -- the turning point of the war.

Juniper MX Series Springer

Discover why routers in the Juniper MX Series—with their advanced feature sets and record-breaking scale—are so popular among enterprises and network service providers. This revised and expanded edition shows you step-by-step how to implement high-density, high-speed Layer 2 and Layer 3 Ethernet services, using Router Engine DDoS Protection, Multi-chassis LAG, Inline NAT, IPFLOW, and many other Juniper MX features. This second edition was written by a Senior NOC engineer, whose vast experience with the MX Series is well documented. Each chapter covers a specific Juniper MX vertical and includes review questions to help you test what you've learned. This edition includes new chapters on load balancing and vMX—Juniper MX's virtual instance. Work with Juniper MX's bridging, VLAN mapping, and support for thousands of virtual switches Examine Juniper MX high-availability features and protocols Use Trio Chipset's load balancing features for different types of traffic Explore the

benefits and typical use cases of vMX Add an extra layer of security with Junos DDoS protection Create a firewall filter framework that applies filters specific to your network Discover the advantages of hierarchical scheduling Combine Juniper MX routers, using a virtual chassis or Multi-chassis LAG Install network services such as Network Address Translation (NAT) Artificial Intelligence and Machine Learning for Digital Pathology Morgan Kaufmann Learn how to deploy and monitor databases in the cloud, manipulate documents, visualize data, and build applications running on MongoDB using Node.js Key Features Learn the fundamentals of NoSQL databases with MongoDB Create, manage, and optimize a MongoDB database in the cloud using Atlas Use a real-world dataset to gain practical experience of handling big data Book Description MongoDB is one of the most popular database technologies for handling large collections of data. This book will help MongoDB beginners develop the knowledge and skills to create databases and process data efficiently. Unlike other MongoDB books, MongoDB Fundamentals dives into cloud computing from the very start – showing you how to get started with Atlas in the first chapter. You will discover how to modify existing data, add new data into a database, and handle complex queries by creating aggregation pipelines. As you progress, you'll learn about the MongoDB replication architecture and configure a simple cluster. You will also get to grips with user authentication, as well as techniques for backing up and restoring data. Finally, you'll perform data visualization using MongoDB Charts. You will work on realistic projects that are presented as bitesize exercises and activities, allowing you to challenge yourself in an enjoyable and attainable way. Many of these mini-projects are based around a movie database case study, while the last chapter acts as a final project where you will use MongoDB to solve a real-world problem based on a bike-sharing app. By the end of this book, you'll have the skills and confidence to process large volumes of data and tackle your own projects using MongoDB. What you will learn Set up and use MongoDB Atlas on the cloud Insert, update, delete, and retrieve data from MongoDB Build aggregation pipelines to perform complex queries Optimize queries using indexes Monitor databases and manage user authorization Improve scalability and performance with sharding clusters Replicate clusters, back up your database, and restore data Create data-driven charts and reports from real-time data Who this book is for This book is designed for people who are new to MongoDB. It is suitable for developers, database administrators, system administrators, and cloud architects who are looking to use MongoDB for smooth data processing in the cloud. Although not necessary, basic knowledge of a general programming language and experience with other databases will help you grasp the topics covered more easily.

JUNOS Cookbook Walter de Gruyter

This book presents the proceedings from the 5th NEWTECH conference (Belgrade, Serbia, 5–9 June 2017), the latest in a series of high-level conferences that bring together experts from academia and industry in order to exchange knowledge, ideas, experiences, research results, and information in the field of manufacturing. The range of topics addressed is wide, including, for example, machine tool research and in-machine measurements, progress in CAD/CAM technologies, rapid prototyping and reverse engineering, nanomanufacturing, advanced material processing, functional and protective surfaces, and cyber-physical and reconfigurable manufacturing systems. The book will benefit readers by providing updates on key issues and recent progress in manufacturing engineering and technologies and will aid the transfer of valuable knowledge to the next generation of academics and practitioners. It will appeal to all who work or conduct research in this rapidly evolving field.

Understanding the New SQL Policy Press

Encompassing an extensive range of print and online media, this reader brings together a selection of highly influential writings by Danny Dorling which look at inequality and social justice.

The Oldham Road Haynes Manuals

This volume presents a systematic and comprehensive analysis of the Spanish evidential semi-auxiliaries *parecer* and *resultar*, the modal constructions with *amenazar* and *prometer*, and the modal auxiliaries *poder*, *deber* and *tener que*. These verbs have never been considered together in a global approach that transcends the classical "verbal periphrases" model. The book proposes a cognitive-functional account of evidentiality and modality in Spanish with special attention to subjectivity and grounding. The theoretical reflection relies on empirical evidence of two sorts: synchronic and diachronic corpus-analyses alternate with tests that measure the semantic and pragmatic compatibility of the evidential and epistemic constructions with specific sentences. Following the assumption that linguistic forms are determined by their meaning, the array of constructions that characterizes the different verbs justifies their grouping in three pairs of (semi-)auxiliaries: *parecer* vs *resultar*, *amenazar* vs *prometer* and *poder* vs *deber/tener que*. The distributional differences observed in the corpus are further shown to correlate with different degrees of grammaticalization. Primarily intended for scholars working in the field of Spanish functional linguistics, the monograph is also relevant for grammaticalization studies and for cognitive-semantic research at large. Given its combined theoretical and applied character, the volume is also of interest to anyone concerned with syntactic processes, lexical semantics or the wider area of discourse analysis and pragmatics.

BMW 3- & 5-series Service and Repair Manual "O'Reilly Media, Inc."

This series in *Computers and Medicine* had its origins when I met Jerry

Stone of Springer-Verlag at a SCAMC meeting in 1982. We determined that there was a need for good collections of papers that would help disseminate the results of research and application in this field. I had already decided to do what is now *Information Systems for Patient Care*, and Jerry contributed the idea of making it part of a series. In 1984 the first book was published, and—thanks to Jerry's efforts—*Computers and Medicine* was underway. Since that time, there have been many changes. Sadly, Jerry died at a very early age and cannot share in the success of the series that he helped found. On the bright side, however, many of the early goals of the series have been met. As the result of equipment improvements and the consequent lowering of costs, computers are being used in a growing number of medical applications, and the health care community is very computer literate. Thus, the focus of concern has turned from learning about the technology to understanding how that technology can be exploited in a medical environment.

Fair Play Springer Science & Business Media

These photographs form part of a project to document the area between Manchester and Oldham, England in 1984–1986.

Metal and Ceramic Matrix Composites Springer Science & Business Media
With contributions from leading experts in their respective fields, *Metal and Ceramic Matrix Composites* provides a comprehensive overview of topics on specific materials and trends. It is a subject regularly included as a final year option in materials science courses and is also of much industrial and academic interest. The book begins with a selection of chapters describing the most common commercial applications of composite materials, including those in the aerospace, automotive, and power generation industries. Section 2 outlines manufacturing and processing methods used in the production of composite materials ranging from basic aluminium matrix composites, through particle reinforced composites, to composites using novel matrix fibres such as titanium-silicon carbide and ceramics. Section 3 is devoted to the mechanical behaviour of different matrix materials and structure-property relations, with particular attention paid to failure and fracture mechanisms. The final section considers those new fibres and composite materials currently in development, including high strength copper composites, porous particle composites, active composites, and ceramic nanocomposites.

Smart Applications and Data Analysis Springer Nature

This book constitutes the refereed proceedings of the 17th International Semantic Web Conference, ESWC 2020, held in Heraklion, Crete, Greece.* The 39 revised full papers presented were carefully reviewed and selected from 166 submissions. The papers were submitted to three tracks: the research track, the resource track and the in-use track. These tracks showcase research and development activities, services and applications, and innovative research outcomes making their way into industry. The research track caters for both long standing and emerging research topics in the form of the following subtracks: ontologies and reasoning; natural language processing and information retrieval; semantic data management and data

infrastructures; social and human aspects of the Semantic Web; machine learning; distribution and decentralization; science of science; security, privacy, licensing and trust; knowledge graphs; and integration, services and APIs. *The conference was held virtually due to the COVID-19 pandemic. Chapter 'Piveau: A Large-scale Open Data Management Platform based on Semantic Web Technologies' is available open access under a Creative Commons Attribution 4.0 International License via link.springer.com.

Government Reports Index CRC Press

This volume constitutes refereed proceedings of the Third International Conference on Smart Applications and Data Analysis, SADASC 2020, held in Marrakesh, Morocco. Due to the COVID-19 pandemic the conference has been postponed to June 2020. The 24 full papers and 3 short papers presented were thoroughly reviewed and selected from 44 submissions. The papers are organized according to the following topics: ontologies and meta modeling; cyber physical systems and block-chains; recommender systems; machine learning based applications; combinatorial optimization; simulations and deep learning.

Implementing Health Care Information Systems Walter de Gruyter

Ford transmissions. Automatic AOD, BW 35/40, LE85/91/93/95/97, C4, C5, C6, C9, C10, FMX and M51. Manual 3 speed, 4 speed and 5 speed single rail, Top Loader, T5 and M57. Step by step instructions for a pull down and rebuild. Includes specifications, torque settings, problem diagnosis, shift speeds plus more information. Max Ellery Publications; Publisher of automotive repair manuals, restoration guides, technical publications and general interest books for the automobile enthusiast. For people with a wide range of interests, including 4x4 owners, restorers, hot rodders, engine builders, DIY people, mechanics and enthusiasts.

Using SVG with CSS3 and HTML5 Robert Bentley, Incorporated

The only book you'll ever need on SQL. The authors detail the changes in the new standard and provide a thorough guide to programming with SQL 2 for both newcomers and experienced programmers. The book is one that novice programmers should read cover to cover and experienced DBMS professionals should have as a definitive reference book for the new SQL 2 standard.

BMW 3 Series Service Manual 1984-1990 OECD Publishing

This book focuses on the emerging additive manufacturing technology and its applications beyond state-of-the-art, fibre-reinforced thermoplastics. It also discusses the development of a hybrid, integrated process that combines additive and subtractive operations in a single-step platform, allowing CAD-to-Part production with freeform shapes using long or continuous fibre-reinforced thermoplastics. The book covers the entire value chain of this next-generation technology, from part design and materials composition to transformation stages, product

evaluation, and end-of-life studies. Moreover, it addresses the following engineering issues: • Design rules for hybrid additive manufacturing; • Thermoplastic compounds for high-temperature and -strength applications; • Advanced extrusion heads and process concepts; • Hybridisation strategies; • Software ecosystems for hAM design, pre-processing, process planning, emulating and multi-axis processing; • 3D path generators for hAM based on a multi-objective optimisation algorithm that matches the recent curved adaptive slicing method with a new transversal scheme; • hAM parameters, real-time monitoring and closed-loop control; • Multiparametric nondestructive testing (NDT) tools customised for FRTP AM parts; • Sustainable manufacturing processes validated by advanced LCA/LCC models.

The Yom Kippur War Packt Publishing Ltd

This book constitutes the refereed proceedings of the First International Symposium on Benchmarking, Measuring, and Optimization, Bench 2018, held in Seattle, WA, USA, in December 2018. The 20 full papers presented were carefully reviewed and selected from 51 submissions. The papers are organized in topical sections named: AI Benchmarking; Cloud; Big Data; Modelling and Prediction; and Algorithm and Implementations.

Applied Reactor Physics Presses inter Polytechnique

MMUCC s a guideline that presents a model minimum set of uniform variables or data elements for describing a motor vehicle traffic crash. The use of MMUCC data elements will generate data that can be employed to make more informed decisions which will lead to improvements in safety and at the national, State and local levels.

A Checklist of Islamic Coins Springer Nature

BMW 3- & 5-Series Petrol (81 - 91) up to J 3-Series (E30) 316, 316i, 318i, 320i, 325i; Saloon, Touring & Convertible (83 - 91, up to H). 5-Series (E28) 518, 518i, 525i, 528i, 535i, M535i; Saloon (81 - 88, up to F). 5-Series (E34) 518i, 520i, 525i, 530i, 535i; Saloon & Touring (88 - 91, F to J). Does NOT cover models with DOHC, V8 or Diesel engines, or 4x4. For other 3- & 5-series models see manuals no. 0276, 0632, 0815, 1560 or 3210 Petrol: 1.6 litre (1596cc) 1.8 litre (1766 & 1795cc) 2.0 litre (1990cc). 2.5 litre (2494cc). 2.8 litre (2788cc) 3.0 litre (2986cc) & 3.5 litre (3430cc) SOHC.

Benchmarking, Measuring, and Optimizing Springer Nature

February issue includes Appendix entitled Directory of United States Government periodicals and subscription publications; September issue includes List of depository libraries; June and December issues include semiannual index

Agrindex Stephen Album

Why is there such fervent demand by enterprises and network service providers worldwide for the MX Series from Juniper Networks? With this authoritative book demonstrates how this routing device provides groundbreaking performance for high-density and high-speed Layer 2 and

Layer 3 Ethernet services.

Proceedings of 5th International Conference on Advanced Manufacturing Engineering and Technologies Springer Science & Business Media

Using Scalable Vector Graphics (SVG) for illustrations only scratches the surface of this format's potential on the web. With this practical guide, you'll learn how to use SVG not only for illustrations but also as graphical documents that you can integrate into complex HTML5 web pages, and style with custom CSS. Web developers will discover ways to adapt designs by adding data based graphics, dynamic styles, interaction, or animation. Divided into five parts, this book includes:

- SVG on the web: Understand how SVG works with HTML, CSS, and JavaScript to define graphics
- Drawing with markup: Learn the vector language of x and y coordinates that let SVG create basic and custom shapes
- Putting graphics in their place: Use the coordinate system to draw SVG shapes and text at different scales and positions
- Artistic touches: Explore how color is used, how strokes are created and manipulated, and how graphical effects like filters, clipping, and masking are applied
- SVG as an application: Make your graphic more accessible to humans and computers, and learn how to make it interactive or animated