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KEY=PHP - WALSH ENRIQUE

Pro PHP Application Performance Tuning PHP Web Projects for Maximum Performance Apress Pro PHP Application Performance will help you understand all the technologies and components which play a role in how well your applications run. When seconds can mean the difference between retaining a user and losing a user, it's important for all of us to have optimization as part of our project roadmap. But what components within your application should you analyze? How should you optimize? And how can you measure how well your application is performing? These are some of the questions that are answered in this book. Along the way you will also learn the "why" of optimizing. You'll discover why you should optimize a specific component, why selecting one function over another is beneficial, and how to find and use the optimization tools available to the

open source community. You'll also learn how to deploy caching software as well as web server software. Pro PHP Application Performance will also teach you more advanced techniques, such as:

- Using Xdebug to profile functions that are not running as efficiently as possible.
- Comparing opcode executed by different PHP functions to narrow the search for functions that run efficiently.
- Using strace to analyze Apache while your application is served to the user.

Once you complete this book you will have a complete sense of where to start optimizing and, most importantly, have the tools which allow you to continue optimizing in other PHP applications going forward.

Expert MySQL Apress Expert MySQL is the leading reference for learning, understanding, and extending the MySQL server. It unlocks the full promise of open source by showing how to modify the code, create your own storage engine, build your own authentication plugins, and even add your own functions and commands to the SQL language. No other book provides the level of detail or the extensive examples of the inner workings of MySQL that have taken engineers years to master. Expert MySQL is a must have book for all systems integrators, engineers, and software developers working with the MySQL server code. Expert MySQL is also a wealth of information on key aspects of MySQL internals. You'll learn about internal query representation, how the optimizer creates execution plans, and how to exert control over those plans for optimal performance in your environment. You'll even learn to build your own query optimizer, giving insight that can help you understand and resolve tough performance problems. High-availability and replication are also covered, making Expert MySQL a must-have book for anyone doing high-end work involving MySQL. Shows how to customize MySQL and its storage and authentication engines Provides in-depth knowledge of internals for use in query tuning and performance troubleshooting Covers high-end features such as high-availability and replication

Emerging Technologies in Data Mining and Information Security Proceedings of IEMIS 2022, Volume 2 Springer Nature This book features research papers presented at the International Conference on Emerging Technologies in Data Mining and Information Security (IEMIS 2022) held at Institute of Engineering & Management, Kolkata, India, during 23-25 February 2022. The book is organized in three volumes and includes high-quality research work by academicians and industrial experts in the field of computing and communication, including full-length papers, research-in-progress papers, and case studies related to all the areas of data mining, machine learning, Internet of Things (IoT) and information security. InfoWorld InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects. Sources

Dentofacial Anomalies Implications for Voice and Wind Instrument Performance Springer Nature This volume provides an eloquent review of the anatomy and physiology of phonation, the work-up of patients with voice disorders, basic evaluation of wind instrument performance and

dysfunction, and a full description of the most common skeletal and non-skeletal dentofacial anomalies, including their means of diagnosis and treatment. This is followed by a comprehensive review of literature on the vocal and acoustic features of affected patients, as well as the special considerations in wind instrumentalists. The effect of orthodontic therapy/orthognathic surgery on voice, associated upper airway changes, and wind instruments performance is emphasized. The information provided in this book will heighten the patients', therapists', teachers' and physicians' awareness of the vocal characteristics and wind instrumentalists concerns often associated with these conditions. **Dentofacial Anomalies: Implications for Voice and Wind Instrument Performance** is addressed to otolaryngologists, laryngologists, speech-language pathologists, voice teachers, professional voice users, wind instrumentalists, instrument teachers, arts medicine physicians, physical therapists, orthodontists and other dentists, as well as members of the general public who are concerned about their voices and or wind instrument playing. **The Definitive Guide to MongoDB A complete guide to dealing with Big Data using MongoDB Apress The Definitive Guide to MongoDB, Third Edition**, is updated for MongoDB 3 and includes all of the latest MongoDB features, including the aggregation framework introduced in version 2.2 and hashed indexes in version 2.4. The Third Edition also now includes Python. **MongoDB is the most popular of the "Big Data" NoSQL database technologies, and it's still growing. David Hows from 10gen, along with experienced MongoDB authors Peter Membrey and Eelco Plugge, provide their expertise and experience in teaching you everything you need to know to become a MongoDB pro. Broadcast Voice Performance Butterworth-Heinemann Commerce Business Daily Pro OpenSolaris A New Open Source OS for Linux Developers and Administrators Apress** **OpenSolaris is a rapidly evolving operating system with roots in Solaris 10, suitable for deployment on laptops, desktop workstations, storage appliances, and data center servers from the smallest single-purpose systems to the largest enterprise-class systems. The growing OpenSolaris community now has hundreds of thousands of participants and users in government agencies, commercial businesses, and universities, with more than 100 user groups around the world contributing to the use and advancement of OpenSolaris. New releases of OpenSolaris become available every six months, with contributions from both Sun engineers and OpenSolaris community members; this book covers the OpenSolaris 2008.11 release. Pro OpenSolaris was written to demonstrate that you can host your open source applications and solutions on OpenSolaris, taking advantage of its advanced features such as containers and other forms of virtualization, the ZFS file system, and DTrace. It's assumed that you are already fairly knowledgeable about developing on Linux systems, so the authors give an overview of the similarities and differences between Linux and OpenSolaris, and then present details on how to use the Service Management Facility (SMF), ZFS, zones, and even a bit of DTrace. They**

also provide pointers to the many project communities associated with new OpenSolaris features. Special focus is given to web development using familiar applications such as Apache, Tomcat, and MySQL, along with the NetBeans IDE, and showing you how to exploit some of OpenSolaris's unique technologies. The Voice in the Machine Building Computers that Understand Speech MIT Press Stanley Kubrick's 1968 film 2001: A Space Odyssey famously featured HAL, a computer with the ability to hold lengthy conversations with his fellow space travelers. More than forty years later, we have advanced computer technology that Kubrick never imagined, but we do not have computers that talk and understand speech as HAL did. Is it a failure of our technology that we have not gotten much further than an automated voice that tells us to "say or press 1"? Or is there something fundamental in human language and speech that we do not yet understand deeply enough to be able to replicate in a computer? In The Voice in the Machine, Roberto Pieraccini examines six decades of work in science and technology to develop computers that can interact with humans using speech and the industry that has arisen around the quest for these technologies. He shows that although the computers today that understand speech may not have HAL's capacity for conversation, they have capabilities that make them usable in many applications today and are on a fast track of improvement and innovation. Pieraccini describes the evolution of speech recognition and speech understanding processes from waveform methods to artificial intelligence approaches to statistical learning and modeling of human speech based on a rigorous mathematical model -- specifically, Hidden Markov Models (HMM). He details the development of dialog systems, the ability to produce speech, and the process of bringing talking machines to the market. Finally, he asks a question that only the future can answer: will we end up with HAL-like computers or something completely unexpected? Network World For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce. Linking Training to Performance A Guide for Workforce Development Professionals Amer. Assn. of Community Col In the coming years, escalating retirement and turnover rates among community college administrators and faculty will decidedly create a void for professionals in the workforce development field. Using this book as your field guide, you can expand your range of knowledge and skills, enhancing local institutional and program experience to better respond to local workforce needs. Multiple Dimensions of Human Development Index and Public Social Spending for Sustainable Development International Monetary Fund Multidimensional assessment of human development is increasingly recognized as playing an important role in assessing well-being. The focus

of analysis is on the indicators measuring the three dimensions of Human Development Index (HDI) — standard of living, education and health, and their relationship with public social spending for achieving the 2030 Agenda for Sustainable Development. The study estimates the effects of public social spending on gross national income (GNI) per capita (in PPP in \$), expected years of schooling and life expectancy for a sample of 68 countries. The relationship is robust to controlling for a variety of factors and the estimated magnitudes suggest a positive long-run effect of public educational spending on GNI per capita, public educational spending on expected years of schooling, and public health expenditures on life expectancy. Governance matters VI : aggregate and individual governance indicators, 1996-2006 World Bank Publications The Definitive Guide to Db4o Sometimes we make things more difficult for ourselves than they really need to be. Programmers are no exception to this. For example, those of us of an object-oriented persuasion devote time and expertise to creating a model of a problem domain in terms of objects. We produce solutions that model real-world objects and that are highly extensible and reusable. And then we decide that we need those objects to stick around after the program stops, so we go ahead and create another, totally different model, just so that we can use a database. Our carefully designed objects are then chopped and squeezed to fit this new data model. In fact, most developers would argue that object persistence is a fundamental problem that has yet to be adequately solved. While there are frameworks that hide some of the details of the mismatch between object and data models from the programmer, none of them convincingly make what should be a simple job really simple. We held the same opinion, until we found out about db4o. db4o—the database for objects—simply stores native objects. “Native” means that these are the objects that your C# or Java program creates, stored exactly as they are. There’s no need to create a database schema, no need to map objects to tables, no need to do anything really, except store objects. Pro Hadoop Apress You've heard the hype about Hadoop: it runs petabyte-scale data mining tasks insanely fast, it runs gigantic tasks on clouds for absurdly cheap, it's been heavily committed to by tech giants like IBM, Yahoo!, and the Apache Project, and it's completely open-source (thus free). But what exactly is it, and more importantly, how do you even get a Hadoop cluster up and running? From Apress, the name you've come to trust for hands-on technical knowledge, Pro Hadoop brings you up to speed on Hadoop. You learn the ins and outs of MapReduce; how to structure a cluster, design, and implement the Hadoop file system; and how to build your first cloud-computing tasks using Hadoop. Learn how to let Hadoop take care of distributing and parallelizing your software—you just focus on the code, Hadoop takes care of the rest. Best of all, you'll learn from a tech professional who's been in the Hadoop scene since day one. Written from the perspective of a principal engineer with down-in-the-trenches knowledge of what to do wrong with Hadoop, you learn how to avoid the common, expensive first errors that everyone

makes with creating their own Hadoop system or inheriting someone else's. Skip the novice stage and the expensive, hard-to-fix mistakes...go straight to seasoned pro on the hottest cloud-computing framework with Pro Hadoop. Your productivity will blow your managers away. Music-archaeological sources Verlag Marie Leidorf This volume presents 38 papers (the majority in English) from the 3rd symposium of the International Study Group on Music Archaeology held at Michaelstein Monastery in 2002, with an additional six papers honouring Ellen Hickmann. Divided into five sections, the contributions discuss: the universals of ancient music; the methodology of music archaeology; traditions and the cultural memory; musical instruments in traditional contexts and constructions; the written evidence. The case studies cover a broad geographical range, encompassing the Near and Middle East, Asia, Australia, prehistoric and medieval Europe, Greece and Rome, the Americas and Egypt. Twenty-seven papers in English, one in French, the rest in German. Design Professionals and the Built Environment An Introduction Academy Press Brings together many of the world's leading names from the UK, USA, Europe, and Asia. this is the first book to fully reflect the move towards a more synthetic approach in professional and student courses. The Limits of Expertise Rethinking Pilot Error and the Causes of Airline Accidents Ashgate Publishing Company Why would highly skilled, well-trained pilots make errors that lead to accidents when they had safely completed many thousands of previous flights? The majority of all aviation accidents are attributed primarily to human error, but this is often misinterpreted as evidence of lack of skill, vigilance, or conscientiousness of the pilots. The Limits of Expertise is a fresh look at the causes of pilot error and aviation accidents, arguing that accidents can be understood only in the context of how the overall aviation system operates. The authors analyzed in great depth the 19 major U.S. airline accidents from 1991-2000 in which the National Transportation Safety Board (NTSB) found crew error to be a causal factor. Each accident is reviewed in a separate chapter that examines events and crew actions and explores the cognitive processes in play at each step. The approach is guided by extensive evidence from cognitive psychology that human skill and error are opposite sides of the same coin. The book examines the ways in which competing task demands, ambiguity and organizational pressures interact with cognitive processes to make all experts vulnerable to characteristic forms of error. The final chapter identifies themes cutting across the accidents, discusses the role of chance, criticizes simplistic concepts of causality of accidents, and suggests ways to reduce vulnerability to these catastrophes. The authors' complementary experience allowed a unique approach to the study: accident investigation with the NTSB, cognitive psychology research both in the lab and in the field, enormous first-hand experience of piloting, and application of aviation psychology in both civil and military operations. This combination allowed the authors to examine and explain the domain-specific aspects of

aviation operations and to extend advances in basic research in cognition to complex issues of human performance in the real world. Although *The Limits of Expertise* is directed to aviation operations, the implications are clear for understanding the decision processes, skilled performance and errors of professionals in many domains, including medicine.

Computerworld For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

International Who's who of Professionals The Ultimate Professional Directory The Larynx A Multidisciplinary Approach Mosby Incorporated Written in a practical, accessible manner, this reference provides a comprehensive, up-to-date approach to the treatment and management of laryngeal disease. The text has been thoroughly updated to reflect the amazing inroads in the treatment of vocal disorders that have recently occurred. It contains new information on AIDS, laser laryngoscopy, improved diagnostic modalities, treatment methods, and much more!

A Brandon Hill Title Practical MongoDB Architecting, Developing, and Administering MongoDB Apress The "one-size-fits-all" thinking regarding traditional RDBMSs has been challenged in the last few years by the emergence of diversified NoSQL databases. More than 120 NoSQL databases are now available in the market, and the market leader by far is MongoDB. With so many companies opting for MongoDB as their NoSQL database of choice, there's a need for a practical how-to combined with expert advice for getting the most out of the software. Beginning with a short introduction to the basics of NoSQL databases, MongoDB experts Navin Sabharwal and Shankatala Gupta Edward introduce readers to MongoDB - the leading document based NoSQL database, acquainting them step by step with all aspects of MongoDB. They cover the data model, underlying architecture, how to code using Mongo Shell, and administration of the MongoDB platform, among other topics. The book also provides clear guidelines and practical examples for architecting and developing applications using the MongoDB platform and deploying them. Database developers, architects, and database administrators will find useful information covering all aspects of the MongoDB platform and how to put it to use practically. Practical Guide to MongoDB provides readers with: A solid understanding of NoSQL databases An understanding of how to get started with MongoDB Methodical coverage of the architecture, development, and administration of MongoDB A plethora of "How to's" enabling you to use the technology most efficiently to solve the problems you face Practical MongoDB is for those just starting to learning to work with NoSQL databases in general and MongoDB in particular. Skills in these areas are in demand, making this book essential reading for those who want to work more productively or break into big data work. It will prove equally useful for entrepreneurs and others who like to work with new

technologies. Pristine Perspectives on Logic, Language and Computation
 ESLLI 2012 and ESLLI 2013 Student Sessions, Selected Papers Springer
 The European Summer School in Logic, Language and Information (ESLLI)
 is organized every year by the Association for Logic, Language and
 Information (FoLLI) in different sites around Europe. The main focus of
 ESLLI is on the interface between linguistics, logic and computation.
 ESLLI offers foundational, introductory and advanced courses, as well as
 workshops, covering a wide variety of topics within the three areas of
 interest: Language and Computation, Language and Logic, and Logic and
 Computation. The 16 papers presented in this volume have been selected
 among 44 papers presented by talks or posters at the Student Sessions of
 the 24th and 25th editions of ESLLI, held in 2012 in Opole, Poland, and
 2013 in Düsseldorf, Germany. The papers are extended versions of the
 versions presented, and have all been subjected to a second round of blind
 peer review.

Network World For more than 20 years, Network World has
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 about the latest music, video, gaming, media, digital and mobile
 entertainment issues and trends.

The Berkeley DB Book Apress The
 Berkeley DB Book is intended to be a practical guide to the intricacies of
 Berkeley DB; an in-depth analysis of the complex design issues which are
 often covered in terse footnotes in the dense Berkeley DB reference
 manual. It explains the technology at a higher level and also covers the
 internals with generous code and design examples. Berkeley DB is
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unique book. It's a blend of the most useful concepts taught in college and the most useful practical knowledge learned afterward."--Michael R. Lindeburg, PE **The Go-To Reference for Engineering Students and Professionals- Covers the breadth of a 4-year engineering degree- Contains civil, mechanical, electrical, chemical, and industrial engineering subjects- Features 82 chapters covering thousands of engineering concepts- Contains more than 580 examples with step-by-step solutions- Presents over 3,700 essential engineering equations and formulas- References over 780 tables and 315 conversion factors in detailed appendices- Lists fully defined nomenclature for each chapter- Includes a comprehensive index**

Topics Covered- Atomic Theory- Biology- Chemistry- Circuits- Computer Programming- Dynamics- Engineering Licensure- Engineering Management- Fluids- Heat Transfer- Material Science- Mathematics- Mechanics of Materials- Physical Representation- Physics- Statics- Systems Analysis- Thermodynamics

Emergency Medical Responder (Canadian Edition) Jones & Bartlett Learning Emergency Medical Responder is an essential training program that fully meets the newly developed National Occupational Competency Profile for Emergency Medical Responders (NOCPs). This comprehensive text addresses the entire NOCPs with clarity and precision in a format that ensures student comprehension and encourages critical thinking. Concepts of team leadership and professionalism are woven throughout the chapters, challenging students to become compassionate, conscientious health care professionals as well as superior clinicians.

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The SAGE Handbook of Performance Studies SAGE Publisher description **American Directory of Writer's Guidelines** **More Than 1,700 Magazine Editors and Book Publishers Explain What They Are Looking for from Freelancers** **Quill Driver Books** Perhaps the best-kept secret in the publishing industry is that many publishers—both

periodical publishers and book publishers—make available writer’s guidelines to assist would-be contributors. Written by the staff at each publishing house, these guidelines help writers target their submissions to the exact needs of the individual publisher. The American Directory of Writer’s Guidelines is a compilation of the actual writer’s guidelines for more than 1,700 publishers. A one-of-a-kind source to browse for article, short story, poetry and book ideas. Wong's Nursing Care of Infants and Children - E-Book Elsevier Health Sciences Wong's Nursing Care of Infants and Children - E-Book Network World For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce. Computerworld For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network. APICS, the Performance Advantage Hardening Linux Apress *Imparts good security doctrine, methodology, and strategies *Each application-focused chapter will be able to be used as a stand-alone HOW-TO for that particular application. *Offers users a selection of resources (websites, mailing lists, and books) to further their knowledge. Climbing Training for Peak Performance The Mountaineers Books This book is for climbers of all ages, abilities, and interests who wish to improve their performance. Climbing: Training for Peak Performance carefully details the foundation and fundamentals of nutrition for mind and body, flexibility training, aerobic, and strength conditioning, and how to put it all together to help you perform better. Congressional Record Proceedings and Debates of the ... Congress The Congressional Record is the official record of the proceedings and debates of the United States Congress. It is published daily when Congress is in session. The Congressional Record began publication in 1873. Debates for sessions prior to 1873 are recorded in The Debates and Proceedings in the Congress of the United States (1789-1824), the Register of Debates in Congress (1824-1837), and the Congressional Globe (1833-1873) Voice Disorders Plural Pub Incorporated Supplemented with case studies and video examples, this volume explains how to assess and treat people with voice disorders. It includes supplemental material for the educator as well as practical tools for the student and clinician.