

Berkeley Db Tutorial And Reference Guide

Outside of the world of enterprise computing, there is one database that enables a huge range of software and hardware to flex relational database capabilities, without the baggage and cost of traditional database management systems. That database is SQLite—an embeddable database with an amazingly small footprint, yet able to handle databases of enormous size. SQLite comes equipped with an array of powerful features available through a host of programming and development environments. It is supported by languages such as C, Java, Perl, PHP, Python, Ruby, TCL, and more. The Definitive Guide to SQLite, Second Edition is devoted to complete coverage of the latest version of this powerful database. It offers a thorough overview of SQLite’s capabilities and APIs. The book also uses SQLite as the basis for helping newcomers make their first foray into database development. In only a short time you can be writing programs as diverse as a server-side browser plug-in or the next great iPhone or Android application! Learn about SQLite extensions for C, Java, Perl, PHP, Python, Ruby, and Tcl. Get solid coverage of SQLite internals. Explore developing iOS (iPhone) and Android applications with SQLite. SQLite is the solution chosen for thousands of products around the world, from mobile phones and GPS devices to set-top boxes and web

browsers. You almost certainly use SQLite every day without even realizing it!

With its highly developed capacity to detect patterns in data, Perl has become one of the most popular languages for biological data analysis. But if you're a biologist with little or no programming experience, starting out in Perl can be a challenge. Many biologists have a difficult time learning how to apply the language to bioinformatics. The most popular Perl programming books are often too theoretical and too focused on computer science for a non-programming biologist who needs to solve very specific problems. Beginning Perl for Bioinformatics is designed to get you quickly over the Perl language barrier by approaching programming as an important new laboratory skill, revealing Perl programs and techniques that are immediately useful in the lab. Each chapter focuses on solving a particular bioinformatics problem or class of problems, starting with the simplest and increasing in complexity as the book progresses. Each chapter includes programming exercises and teaches bioinformatics by showing and modifying programs that deal with various kinds of practical biological problems. By the end of the book you'll have a solid understanding of Perl basics, a collection of programs for such tasks as parsing BLAST and GenBank, and the skills to take on more advanced bioinformatics programming. Some of

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the later chapters focus in greater detail on specific bioinformatics topics. This book is suitable for use as a classroom textbook, for self-study, and as a reference. The book covers: Programming basics and working with DNA sequences and strings Debugging your code Simulating gene mutations using random number generators Regular expressions and finding motifs in data Arrays, hashes, and relational databases Regular expressions and restriction maps Using Perl to parse PDB records, annotations in GenBank, and BLAST output

A long time ago, I was clued out about everything. I had to create a map for myself firstly for the academic world that I was part of for awhile then when I decided it was too boring for me, I joined the real world, had to learn about practical knowledge so I created the "People Power" books. I know all about practical and academic knowledge now. The average person doesn't. This book will help you get started. You need the library guidebook too because libraries are still cool. If you're a floundering idiot in money, go to #332 and find some good, current money books or if you're looking for a job, go to #331. I know that every year all over the world, there are millions of undergrads starting to get indoctrinated into how to write an academic paper. If you have this book, it might save you a lot of time learning about academia. Basic Reference Information Books about how to do research are at #001.42 or Q180.55 at the

library and #021 to #031.

Inside XSLT is designed to be a companion guide to Inside XML. This example oriented book covers XML, HTML, Music, XML with Java, style sheet creation and usage, nodes and attributes, sorting data, creating Xpath expressions, using Xpath and XSLT functions, namespaces, names templates, name variables, designing style sheets and using XSLT processor API's, the 56 XSL formatting objects, the XSLT DTD, and much more. In order to work with XML fully, you need to be up to speed with XSLT since XSLT is the technology that transforms XML to a workable format. Readers are looking for the follow-up book to Inside XML and this is it.

The "People Power" Education Superbook: Book 8. Academic Reference - Writing Guide (Reference Websites, Knowledge Databases, Journals, Formal Writing With Citations)

GCC 2004 International Workshops, IGKG, SGT, GISS, AAC-GEV0, and VVS, Wuhan, China, October 21-24, 2004

Proceedings of the FREENIX Track

Python Essential Reference

Sys Admin

A Cyber-Physical Systems Approach

Learn how to use Python and its structures, how to install

Python, and which tools are best suited for data analyst work. This book provides you with a handy reference and tutorial on topics ranging from basic Python concepts through to data mining, manipulating and importing datasets, and data analysis. Python for Data Mining Quick Syntax Reference covers each concept concisely, with many illustrative examples. You'll be introduced to several data mining packages, with examples of how to use each of them. The first part covers core Python including objects, lists, functions, modules, and error handling. The second part covers Python's most important data mining packages: NumPy and SciPy for mathematical functions and random data generation, pandas for dataframe management and data import, Matplotlib for drawing charts, and scikitlearn for machine learning. What You'll Learn

Install Python and choose a development environment

Understand the basic concepts of object-oriented programming

Import, open, and edit files

Review the differences between Python 2.x and 3.x

Who This Book Is For

Programmers new to Python's data mining packages or with

experience in other languages, who want a quick guide to Pythonic tools and techniques.

Django, the Python-based Web development framework, is one of the hottest topics in Web development today. Its creator (and co-author of this book) Adrian Holovaty has built a compelling array of Web applications using Django, including <http://chicagocrime.org>. Django creator Adrian Holovaty and lead developer Jacob Kaplan-Moss have created this book as the definitive guide to the technology. Beginning with fundamentals such as installation and configuration, the book tackles sophisticated features of Django, such as outputting non-HTML content such as RSS feeds and PDFs, caching, and user management. Also includes a detailed reference to Django's many configuration options and commands.

The Definitive Guide to Berkeley DB XML covers Sleepycat's Berkeley DB XML, an open source embedded XML database. Berkeley DB XML runs on all major operating systems and has support for the most popular programming languages. The book includes tutorials and complete language references for

**C++, Java, Perl, Python, and PHP. Berkeley DB XML has the potential to dramatically simplify the development of your application's data tier. With native XML storage, flexible indexing, and the powerful XQuery query language (think SQL for XML), BDB XML provides everything you need for efficient XML management. Combined with Berkeley DB's transactions, logging, and replication, BDB XML is a powerful document storage solution. Author Danny Brian presents XML basics from the ground up for XML beginners, and covers database installation and configuration, the core concepts behind Berkeley DB XML, a look at application architecture, demonstrations of simple operations (i.e., text queries) to complex (i.e., set computations) using XQuery and FLWOR expressions, document indexing options, and a thorough look at the database APIs. You'll learn tips and tricks that you can immediately apply to your own applications. Table of Contents
A Quick Look at Berkeley DB XML The Power of an Embedded XML Database Installation and Configuration Getting Started Environments, Containers, and Documents Indexes XQuery**

with BDB XML BDB XML with C++ BDB XML with Python BDB XML with Java BDB XML with Perl BDB XML with PHP Managing Databases

Time and Relational Theory provides an in-depth description of temporal database systems, which provide special facilities for storing, querying, and updating historical and future data.

Traditionally, database management systems provide little or no special support for temporal data at all. This situation is changing because: Cheap storage enables retention of large volumes of historical data in data warehouses Users are now faced with temporal data problems, and need solutions

Temporal features have recently been incorporated into the SQL standard, and vendors have begun to add temporal support to their DBMS products Based on the groundbreaking text Temporal Data & the Relational Model (Morgan Kaufmann, 2002) and new research led by the authors, Time and Relational Theory is the only book to offer a complete overview of the functionality of a temporal DBMS. Expert authors Nikos Lorentzos, Hugh Darwen, and Chris Date describe an approach

to temporal database management that is firmly rooted in classical relational theory and will stand the test of time. This book covers the SQL:2011 temporal extensions in depth and identifies and discusses the temporal functionality still missing from SQL. Understand how the relational model provides an ideal basis for taming the complexities of temporal databases Learn how to analyze and evaluate commercial temporal products with this timely and important information Be able to use sound principles in designing and using temporal databases Understand the temporal support recently added to SQL with coverage of the new SQL features in this unique, accurate, and authoritative reference Appreciate the benefits of a truly relational approach to the problem with this clear, user friendly presentation

Beginning Perl for Bioinformatics

NATO Advanced Research Workshop, IWCC 2001, Mangalia, Romania, September 1-6, 2001. Revised Papers

The Definitive Guide to Django

Advances in Swarm Intelligence

Artificial Intelligence

Oracle Database Administration on UNIX Systems

The accompanying CD-ROM includes a multimedia installation and configuration tutorial based on Brown's popular UC Berkeley Extension Oracle course. It's HTML-based and viewable with any Web browser.

This two-volume-set (LNCS 7203 and 7204) constitutes the refereed proceedings of the 9th International Conference on Parallel Processing and Applied Mathematics, PPAM 2011, held in Torun, Poland, in September 2011. The 130 revised full papers presented in both volumes were carefully reviewed and selected from numerous submissions. The papers address issues such as parallel/distributed architectures and mobile computing; numerical algorithms and parallel numerics; parallel non-numerical algorithms; tools and environments for parallel/distributed/grid computing; applications of parallel/distributed computing; applied mathematics, neural networks and evolutionary computing; history of computing. Presents instructions on using MySQL, covering such topics

as installation, querying, user management, security, and backups and recovery.

An introduction to the engineering principles of embedded systems, with a focus on modeling, design, and analysis of cyber-physical systems. The most visible use of computers and software is processing information for human consumption. The vast majority of computers in use, however, are much less visible. They run the engine, brakes, seatbelts, airbag, and audio system in your car. They digitally encode your voice and construct a radio signal to send it from your cell phone to a base station. They command robots on a factory floor, power generation in a power plant, processes in a chemical plant, and traffic lights in a city. These less visible computers are called embedded systems, and the software they run is called embedded software. The principal challenges in designing and analyzing embedded systems stem from their interaction with physical processes. This book takes a cyber-physical approach to embedded systems, introducing the engineering

concepts underlying embedded systems as a technology and as a subject of study. The focus is on modeling, design, and analysis of cyber-physical systems, which integrate computation, networking, and physical processes. The second edition offers two new chapters, several new exercises, and other improvements. The book can be used as a textbook at the advanced undergraduate or introductory graduate level and as a professional reference for practicing engineers and computer scientists. Readers should have some familiarity with machine structures, computer programming, basic discrete mathematics and algorithms, and signals and systems.

Third International Conference, ICSI 2012, Shenzhen, China, June 17-20, 2012, Proceedings, Part II

Time and Relational Theory

Introducing Microsoft SQL Server 2014

Reasoning Web

Rexx Programmer's Reference

The Definitive Guide to Berkeley DB XMLApress

This volume constitutes the proceedings of the first ACM SIGPLAN/SIGSOFT International Conference on Generative Programming and Component Engineering (GPCE 2002), held October 6 – 8, 2002, in Pittsburgh, PA, USA, as part of the PLI 2002 event, which also included ICFP, PPDP, and affiliated workshops. The future of Software Engineering lies in the automation of tasks that are performed manually today. Generative Programming (developing programs that synthesize other programs), Component Engineering (raising the level of modularization and analysis in application design), and Domain-Specific Languages (elevating program specifications to compact domain-specific notations that are easier to write and maintain) are key technologies for automating program development. In a time of conference and workshop proliferation, GPCE represents a counter-trend in the merging of two distinct communities with strongly overlapping interests: the Generative and Component-Based Software Engineering Conference (GCSE) and the International Workshop on the Semantics, Applications, and Implementation of Program Generation (SAIG). Researchers in the GCSE community address the topic of program automation from a contemporary software engineering viewpoint; SAIG correspondingly represents a community attacking automation from a more formal programming languages viewpoint. Together, their combination provides the depth of theory and practice that one would expect in a premier research conference. Three prominent PLI invited speakers lectured at GPCE 2002: Neil

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Jones (University of Copenhagen), Catuscia Palamidessi (Penn State University), and Janos Sztipanovits (Vanderbilt University). GPCE 2002 received 39 submissions, of which 18 were accepted.

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 becoming the database of choice for appliance makers and for in memory cache of large scale applications like search engines and high traffic web sites.

This book teaches the basics of XML with an original approach, using real-world examples from an interesting (and operating) environment with broad applicability. It covers the full spectrum of Berkeley DB XML tools, including the command-line shell, transactions, rollbacks, replication, archiving and monitoring. Techniques and concepts that have broad applicability outside of the subject matter are skillfully explained: XML, XPath, XQuery, XML schemas, all industry-standard technologies that find one of their best tutorial treatments, and all in the context of a simple database solution. The book also presents a remarkable example of query power.

The Journal for UNIX System Administrators
Inside XSLT

Proceedings 2004 VLDB Conference

Linux Journal

Advanced Environments, Tools, and Applications for Cluster Computing

The Web: The Next Generation

Small, special-purpose computing devices and high-end core Internet servers need fast, reliable database management. Berkeley DB is an embedded database that provides high-performance, scalable, transaction-protected and recoverable data management services to applications. Extremely portable, this library runs under almost all UNIX and Windows variants, as well as a number of embedded, real-time operating systems. Berkeley DB is the ultimate resource for the world's most widely deployed embedded database engine. This book will aid software architects and engineers, product managers, and systems and network administrators without the overhead imposed by other database products. Designed by programmers for programmers, this classic library style toolkit provides a broad base of functionality to application writers. This book will help you to make intelligent choices about when and how to use Berkeley DB to meet your needs. You can visit the Sleepycat website to get the latest errata for this book. NOTE: The first printing of this book contained an error in the table of contents that caused the page numbers to be off. This will be corrected in the second printing. If you have an earlier edition, you can download a pdf of the correct table of contents that you can print out and use with your book. If you have any questions,

please feel free to contact the editor of this book at stephanie.wall@newriders.com. The two-volume set LNCS 6978 + 6979 constitutes the proceedings of the 16th International Conference on Image Analysis and Processing, ICIAP 2011, held in Ravenna, Italy, in September 2011. The total of 121 papers presented was carefully reviewed and selected from 175 submissions. The papers are divided into 10 oral sessions, comprising 44 papers, and three post sessions, comprising 77 papers. They deal with the following topics: image analysis and representation; image segmentation; pattern analysis and classification; forensics, security and document analysis; video analysis and processing; biometry; shape analysis; low-level color image processing and its applications; medical imaging; image analysis and pattern recognition; image and video analysis and processing and its applications.

This book and its companion volume, LNCS vols. 7331 and 7332, constitute the Proceedings of the Third International conference on Swarm Intelligence, ICSI 2012, held in Shenzhen, China in June 2012. The 145 full papers presented were carefully reviewed and selected from 247 submissions. The papers are organized in 27 cohesive sections covering all major topics of swarm intelligence research and developments. Showing off scheme - Functions - Expressions - Defining your own procedures - Words and sentences - True and false - Variables - Higher-order functions - Lambda - Introduction to recursion - The leap of faith - How recursion works - Common patterns in recursive procedures - Advanced recursion - Example : the functions program - Files

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- Vectors - Example : a spreadsheet program - Implementing the spreadsheet program
- What's next?

Learning MySQL

A Modern Approach

Simply Scheme

9th International Conference, PPAM 2011, Torun, Poland, September 11-14, 2011.

Revised Selected Papers, Part II

The 30th International Conference on Very Large Databases (VLDB)

Python Programming and Numerical Methods

This book presents thoroughly arranged tutorial papers corresponding to lectures given by leading researchers at the Second International Summer School on Reasoning Web in Lisbon, Portugal, in September 2006. Building on the predecessor school held in 2005 and published as LNCS 3564, the ten tutorial lectures presented provide competent coverage of current topics in semantic Web research and development.

NOTE: This title is also available as a free eBook on the Microsoft Download Center. It is offered for sale in print format as a convenience. Get a head start evaluating SQL Server 2014 - guided by two experts who have worked with the technology from the earliest beta. Based on Community Technology Preview 2 (CTP2) software, this guide introduces new features and capabilities, with

practical insights on how SQL Server 2014 can meet the needs of your business. Get the early, high-level overview you need to begin preparing your deployment now. Coverage includes: SQL Server 2014 Editions and engine enhancements Mission-critical performance enhancements Hybrid cloud enhancements Self-service Business Intelligence enhancements in Microsoft Excel Enterprise information management enhancements Big Data solutions Artificial Intelligence: A Modern Approach offers the most comprehensive, up-to-date introduction to the theory and practice of artificial intelligence. Number one in its field, this textbook is ideal for one or two-semester, undergraduate or graduate-level courses in Artificial Intelligence.

SQL is full of difficulties and traps for the unwary. You can avoid them if you understand relational theory, but only if you know how to put the theory into practice. In this insightful book, author C.J. Date explains relational theory in depth, and demonstrates through numerous examples and exercises how you can apply it directly to your use of SQL. This second edition includes new material on recursive queries, “missing information” without nulls, new update operators, and topics such as aggregate operators, grouping and ungrouping, and view updating. If you have a modest-to-advanced background in SQL, you’ll learn how to deal with a host of common SQL dilemmas. Why is proper column naming so important? Nulls in your database are causing you to get wrong

answers. Why? What can you do about it? Is it possible to write an SQL query to find employees who have never been in the same department for more than six months at a time? SQL supports “quantified comparisons,” but they’re better avoided. Why? How do you avoid them? Constraints are crucially important, but most SQL products don’t support them properly. What can you do to resolve this situation? Database theory and practice have evolved since the relational model was developed more than 40 years ago. SQL and Relational Theory draws on decades of research to present the most up-to-date treatment of SQL available. C.J. Date has a stature that is unique within the database industry. A prolific writer well known for the bestselling textbook An Introduction to Database Systems (Addison-Wesley), he has an exceptionally clear style when writing about complex principles and theory.

An Introduction to Perl for Biologists

The Definitive Guide to SQLite

9th International World Wide Web Conference

SQL and Relational Theory

Readings in Database Systems

Generative Programming and Component Engineering

Understanding SQL's underlying theory is the best way to guarantee that your SQL code is correct and your database schema is robust and maintainable. On the

other hand, if you're not well versed in the theory, you can fall into several traps. In SQL and Relational Theory, author C.J. Date demonstrates how you can apply relational theory directly to your use of SQL. With numerous examples and clear explanations of the reasoning behind them, you'll learn how to deal with common SQL dilemmas, such as: Should database access granted be through views instead of base tables? Nulls in your database are causing you to get wrong answers. Why? What can you do about it? Could you write an SQL query to find employees who have never been in the same department for more than six months at a time? SQL supports "quantified comparisons," but they're better avoided. Why? How do you avoid them? Constraints are crucially important, but most SQL products don't support them properly. What can you do to resolve this situation? Database theory and practice have evolved since Edgar Codd originally defined the relational model back in 1969. Independent of any SQL products, SQL and Relational Theory draws on decades of research to present the most up-to-date treatment of the material available anywhere. Anyone with a modest to advanced background in SQL will benefit from the many insights in this book.

This is the first book to devote complete coverage to the most recent release of the popular embedded open source database SQLite. The book acts as both an ideal tutorial and reference guide. It offers experienced database developers a thorough overview of its capabilities and APIs, yet is mindful of newcomers who may be making their first foray into the database environment with SQLite. Readers are presented with introductions to the SQLite extensions available for C, Java, Perl,

PHP, Python, Ruby, and Tcl.

LI>Originally developed for mainframes but highly portable across platforms-from servers to desktops to handhelds-Rexx is an easy yet powerful scripting language that's widely used for rapid application development LI>Covers Rexx interpreters for specialized functions-object-oriented, mainframe, and handheld LI>Details how to make the best use of Rexx tools and interfaces, with examples for both Linux and Windows LI>Includes a tutorial with lots of examples to help people get up and running

Started by small group of well known scientists with the aim of sharing knowledge, experiences, and results on all aspects of cluster computing, the initiative of a workshop on cluster computing received more attention after IFIP WG 10.3 and IEEE Romania Section accepted our request for sponsorship. Moreover, the application for a NATO ARW grant was successful, leading to a greater interest in the workshop. In this respect, we have to say that we chose Romania in order to attract scientists from Central and Eastern European countries and improve the cooperation in the region, in the field of cluster computing. We had an extremely short time to organize the event, but many people joined us and enthusiastically contributed to the process. The success of the workshop is wholly due to the hard work of the organizing committee, members of the program committee, key speakers, speakers from industry, and authors of accepted papers. The workshop consisted of invited and regular paper presentations, followed by discussions, on many important current and emerging topics ranging from scheduling and load

balancing to grids. The key speakers devoted their time and efforts to presenting the most interesting results of their research groups, and we all thank them for this . All papers were peer reviewed by two or three reviewers.

A Guide for Engineers and Scientists

Berkeley DB

Energy Research Abstracts

16th International Conference, Ravenna, Italy, September 14-16, 2011,

Proceedings, Part II

Book Review Digest

Python for Data Mining Quick Syntax Reference

On behalf of the program committee, we were pleased to present this year's program for ACSAC: Asia-Pacific Computer Systems Architecture Conference. Now in its ninth year, ACSAC continues to provide an excellent forum for researchers, educators and practitioners to come to the Asia-Pacific region to exchange ideas on the latest developments in computer systems architecture. This year, the paper submission and review processes were semiautomated using the free version of CyberChair. We received 152 submissions, the largest number ever. Each paper was assigned at least three, mostly four, and in a few cases seven ?ve committee members for review. All of the papers were reviewed in a t-month period, during which the program chairs regularly monitored the progress of the review process. When reviewers claimed inadequate expertise, additional reviewers

were solicited. In the end, we received a total of 594 reviews (3.9 per paper) from committee members as well as 248 coreviewers whose names are acknowledged in the proceedings. We would like to thank all of them for their time and effort in providing us with such timely and high-quality reviews, some of them on extremely short notice.

The latest edition of a popular text and reference on database research, with substantial new material and revision; covers classical literature and recent hot topics. Lessons from database research have been applied in academic fields ranging from bioinformatics to next-generation Internet architecture and in industrial uses including Web-based e-commerce and search engines. The core ideas in the field have become increasingly influential. This text provides both students and professionals with a grounding in database research and a technical context for understanding recent innovations in the field. The readings included treat the most important issues in the database area--the basic material for any DBMS professional. This fourth edition has been substantially updated and revised, with 21 of the 48 papers new to the edition, four of them published for the first time. Many of the sections have been newly organized, and each section includes a new or substantially revised introduction that discusses the context, motivation, and controversies in a particular area, placing it in the broader perspective of database research. Two introductory articles, never before published, provide an organized,

current introduction to basic knowledge of the field; one discusses the history of data models and query languages and the other offers an architectural overview of a database system. The remaining articles range from the classical literature on database research to treatments of current hot topics, including a paper on search engine architecture and a paper on application servers, both written expressly for this edition. The result is a collection of papers that are seminal and also accessible to a reader who has a basic familiarity with database systems.

These Proceedings contain the papers presented at The Ninth International World Wide Web Conference (WWW9) held on May 15-19, 2000 in Amsterdam, the capital of The Netherlands. Leaders from industry, academia, and government present the latest developments in Web technology, and discuss the issues and challenges facing the Web community as it moves into the 21st Century.

Welcome to the proceedings of GCC2004 and the city of Wuhan. Grid computing has become a mainstream research area in computer science and the GCC conference has become one of the premier forums for presentation of new and exciting research in all aspects of grid and cooperative computing.

The program committee is pleased to present the proceedings of the 3rd International Conference on Grid and Cooperative Computing (GCC2004), which comprises a collection of excellent technical papers, posters, workshops, and keynote speeches. The papers accepted cover a wide range of exciting topics, including resource grid

and service grid, information grid and knowledge grid, grid monitoring, management and organization tools, grid portal, grid service, Web services and their QoS, service orchestration, grid middleware and toolkits, software glue technologies, grid security, innovative grid applications, advanced resource reservation and scheduling, performance evaluation and modeling, computer-supported cooperative work, P2P computing, automatic computing, and meta-information management. The conference continues to grow and this year a record total of 581 manuscripts (including workshop submissions) were submitted for consideration. Expecting this growth, the size of the program committee was increased from 50 members for GCC 2003 for 70 in GCC 2004. Relevant differences from previous editions of the conference: it is worth mentioning a significant increase in the number of papers submitted by authors from outside China; and the acceptance rate was much lower than for previous GCC conferences. From the 427 papers submitted to the main conference, the program committee selected only 96 regular papers for oral presentation and 62 short papers for poster presentation in the program.

... USENIX Annual Technical Conference

Introducing Computer Science

9th Asia-Pacific Conference, ACSAC 2004, Beijing, China, September 7-9, 2004, Proceedings

The Berkeley DB Book

Temporal Databases in the Relational Model and SQL

Web Development Done Right

Python Essential Reference, 3rd Edition, is a comprehensive reference to the Python programming language. The focus of this latest edition is to add coverage of significant new features and new library modules added to the language over the past five years. Clearly written with concise organization, the new features covered include new style classes, unification of types and classes, xmlrpclip, intertools, bz2 and optparse, making it the most up-to-date Python book on the market.

Python Programming and Numerical Methods: A Guide for Engineers and Scientists introduces programming tools and numerical methods to engineering and science students, with the goal of helping the students to develop good computational problem-solving techniques through the use of numerical methods and the Python programming language. Part One introduces fundamental programming concepts, using

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simple examples to put new concepts quickly into practice. Part Two covers the fundamentals of algorithms and numerical analysis at a level that allows students to quickly apply results in practical settings. Includes tips, warnings and "try this" features within each chapter to help the reader develop good programming practice Summaries at the end of each chapter allow for quick access to important information Includes code in Jupyter notebook format that can be directly run online

Proceedings of the 30th Annual International Conference on Very Large Data Bases held in Toronto, Canada on August 31 - September 3 2004. Organized by the VLDB Endowment, VLDB is the premier international conference on database technology.

Parallel Processing and Applied Mathematics, Part II

Second International Summer School 2006, Lisbon, Portugal, September 4-8, 2006, Tutorial Lectures

Grid and Cooperative Computing - GCC 2004 Workshops

Scientific and Technical Aerospace Reports

ACM SIGPLAN/SIGSOFT Conference, GPCE 2002, Pittsburgh, PA,

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*USA, October 6-8, 2002. Proceedings
Advances in Computer Systems Architecture*