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The Art of Scalability Practical Node.js Building Scalable Web Sites Web Web Development with Go Modern Web Development with Go: Build real-world, fast, efficient, and scalable web server apps using Go programming language Practical Node.js Web Content Caching and Distribution Advances in Databases and Information Systems Introduction to JavaScript Programming_Professional Level InfoWorld Advances in Databases and Information Systems Advances in Intelligent Computing Proceedings of the USENIX Symposium on Internet Technologies and Systems Computational Science and Its Applications - ICCSA 2006 Advances in Mechanical Engineering Euro-Par 2008 Parallel Processing A Framework for Service Differentiating Internet Servers InfoWorld Proceedings of the Third International Network Conference (INC2002) Python 2 Advanced Internet Services and Applications Learn Python From an Expert: The Complete Guide: With Artificial Intelligence Handbook of Research on Recent Developments in Intelligent Communication Application Big Data in Computational Social Science and Humanities Python for Everyone: Learn to Code Like a Pro Rust Issues & Trends of Information Technology Management in Contemporary Organizations Graph Drawing Datapro Reports on UNIX Systems & Software Patterns for Effective Use Cases International Handbook of Internet Research Electronic Commerce and Web Technologies Node.js Index to IEEE Publications Proceedings of the Trends in Electronics Conference Proceedings Knowledge-Based and Intelligent Information and Engineering Systems, Part I Making Sense of NoSQL Large-Scale Machine Learning in the Earth Sciences

The Art of Scalability 2009-12-15

a comprehensive proven approach to it scalability from two veteran software technology and business executives in the art of scalability akf partners cofounders martin l abbot and michael t fisher cover everything it and business leaders must know to build technology infrastructures that can scale smoothly to meet any business requirement drawing on their unparalleled experience managing some of the world s highest transaction volume sites the authors provide detailed models and best practice approaches available in no other book unlike previous books on scalability the art of scalability doesn t limit its coverage to technology writing for both technical and nontechnical decision makers this book covers everything that impacts scalability including architecture processes people and organizations throughout the authors address a broad spectrum of real world challenges from performance testing to it governance using their tools and guidance organizations can systematically overcome obstacles to scalability and achieve unprecedented levels of technical and business performance coverage includes staffing the scalable organization essential organizational management and leadership skills for technical leaders building processes for scale process lessons from hyper growth companies from technical issue resolution to crisis management making better build versus buy decisions architecting scalable solutions powerful proprietary models for identifying scalability needs and choosing the best approaches to meet them optimizing performance through caching application and database splitting and asynchronous design scalability techniques for emerging technologies including clouds and grids planning for rapid data growth and new data centers evolving monitoring strategies to tightly align with customer requirements

Practical Node.js 2018-08-17

learn how to build a wide range of scalable real world web applications using a professional development toolkit if you already know the basics of node js now is the time to discover how to bring it to production level by leveraging its vast ecosystem of packages with this book you ll work with a varied collection of standards and frameworks and see how all those pieces fit together practical node js takes you from installing all the necessary modules to writing full stack web applications you ll harness the power of the express js and hapi frameworks the mongodb database with mongoskin and mongoose you ll also work with pug and handlebars template engines stylus and less css lanaguages oauth and everyauth libraries and the socket io and derby libraries and everything in between this exciting second edition is fully updated for es6 es2015 and also covers how to deploy to heroku and aws daemonize apps and write rest apis you ll build full stack real world node js apps from scratch and also discover how to write your own node js modules and publish them on npm you already know what node js is now learn what you can do with it and how far you can take it what you ll learn manipulate data from the mongo console use the mongoskin and mongoose mongodb libraries build rest api servers with express and hapi deploy apps to heroku and aws test services with mocha expect and travisci utilize sessions for authentication implement a third party oauth strategy with everyauth apply redis domains websockets and clusters write your own node js module and publish it on npm who this book is for developers who have some familiarity with the basics of node js and want to learn how to use it to build apps in a professional environment

Building Scalable Web Sites 2006-05-16

learn the tricks of the trade so you can build and architect applications that scale quickly without all the high priced headaches and service level agreements associated with enterprise app servers and proprietary programming and database products culled from the experience of the flickr com lead developer building scalable sites offers techniques for creating fast sites that your visitors will find a pleasure to use creating popular sites requires much more than fast hardware with lots of memory and hard drive space it requires thinking about how to grow over time how to make the same resources accessible to audiences with different expectations and how to have a team of developers work on a site without creating new problems for visitors and for each other presenting information to visitors from all over the world integrating email with your web applications planning hardware purchases and hosting options to have as much as you need without breaking your wallet partitioning and distributing databases to support large datasets and simultaneous transactions monitoring your applications to find and clear bottlenecks providing services apis and using services from other providers to increase your site s reach and capabilities whether you re starting a small web site with hopes of growing big or you already have a large system that needs maintenance you ll find building scalable sites to be a library of ideas for making things work

Web 2006-12

web

Web Development with Go 2015

take a deep dive into web development using the go programming language to build web apps and restful services to create reliable and efficient software development with go provides go language fundamentals and then moves on to advanced web development concepts and successful deployment of go web apps to the cloud development with go will teach you how to develop scalable real world web apps restful services and backend systems with go the book starts off by covering go programming language fundamentals as a prerequisite for web development after a thorough understanding of the basics the book delves into web development using the built in package net with each chapter you ll be introduced to new concepts for gradually building a real world web system the book further shows you how to integrate go with other technologies for example it provides an overview of using mongodb as a means of persistent storage and provides an end to end rest api sample as well the book then moves on to demonstrate how to deploy web apps to the cloud using the google cloud platform development with go provides fundamentals for building real world web apps in go thorough coverage of prerequisites and practical code examples demo web apps for attaining a deeper understanding of web development a reference rest api app which can be used to build scalable real world backend services in go a thorough demonstration of deploying web apps to the cloud using the google cloud platform go is a high performance language while providing greater level of developer productivity therefore development with go equips you with the necessary skills and knowledge required for effectively building robust and efficient web apps by leveraging the features of go

Modern Web Development with Go: Build real-world, fast, efficient, and scalable web server apps using Go programming language 2014-07-17

practical node js is your step by step guide to learning how to build a wide range of scalable real world web applications using a professional development toolkit node js is an innovative and highly efficient platform for creating web services but node js doesn't live in a vacuum in a modern web development many different components need to be put together routing database driver orm session management oauth html template engine css compiler and many more if you already know the basics of node js now is the time to discover how to bring it to production level by leveraging its vast ecosystem of packages as a web developer you'll work with a varied collection of standards and frameworks practical node js shows you how all those pieces fit together practical node js takes you from installing all the necessary modules to writing full stack web applications by harnessing the power of the express js and hapi frameworks the mongodb database with mongoskin and mongoose jade and handlebars template engines stylus and less css languages oauth and everyauth libraries and the socket io and derby libraries and everything in between the book also covers how to deploy to heroku and aws daemonize apps and write rest apis you'll build full stack real world node js apps from scratch and also discover how to write your own node js modules and publish them on npm you already know what node js is now learn what you can do with it and how far you can take it

Practical Node.js 2004-08-10

caching and content delivery technologies provide the infrastructure on which systems are built for the scalable distribution of information this proceedings of the eighth annual workshop captures a cross section of the latest issues and techniques of interest to network architects and researchers in large scale content delivery topics covered include the distribution of streaming multimedia edge caching and computation multicast delivery of dynamic content enterprise content delivery streaming proxies and servers content transcoding replication and caching strategies peer to peer content delivery and prefetching content caching and distribution encompasses all areas relating to the intersection of storage and networking for internet content services the book is divided into eight parts mobility applications architectures multimedia customization peer to peer performance and measurement and delta encoding

***Web Content Caching and Distribution* 2009-08-28**

this book constitutes the refereed proceedings of the 13th east european conference on advances in databases and information systems adbis 2009 held in riga latvia on september 7 10 2009 the 25 revised papers were carefully reviewed and selected from 93 submissions typically the papers span a wide spectrum of the database and information system topics are ranging from query processing and optimization via query languages design methods data integration indexing and caching to business processes data mining and application oriented topics like xml and data on the

***Advances in Databases and Information Systems* 2023-07-19**

introduction to javascript manipulating page content with javascript communicating with servers using javascript object oriented programming in javascript advanced javascript programming concepts arrays and objects methods control structures and functions in javascript working with javascript libraries and frameworks

***Introduction to JavaScript Programming Professional Level* 1997-12-22**

infoworld is targeted to senior it professionals content is segmented into channels and topic centers infoworld also celebrates people companies and projects

InfoWorld 2011-09-09

this book constitutes the refereed proceedings of the 15th international conference on advances in databases and information systems adbis 2011 held in vienna austria in september 2011 the 30 revised full papers presented together with 2 full length invited talks were carefully reviewed and selected from 105 submissions they are organized in topical sections on query processing data warehousing db systems spatial data information systems physical db design evolution integrity security and data semantics

***Advances in Databases and Information Systems* 2005-09-16**

the international conference on intelligent computing icic was set up as an annual forum dedicated to emerging and challenging topics in the various aspects of advances in computational intelligence fields such as artificial intelligence machine learning bioinformatics and computational biology etc the goal of this conference was to bring together researchers from academia and industry as well as practitioners to share ideas problems and solutions related to the multifaceted aspects of intelligent computing this book constitutes the proceedings of the international conference on intelligent computing icic 2005 held in hefei anhui china during august 23 26 2005 icic 2005 received over 2000 submissions from authors in 39 countries and regions based on rigorous peer reviews the program committee selected 563 high quality papers for presentation at icic 2005 of these 215 papers were published in this book organized into 9 categories and the other 348 papers were published in five international journals the organizers of icic 2005 made great efforts to ensure the success of this conference we here thank the members of the icic 2005 advisory committee for their guidance and advice the members of the program committee and the referees for reviewing the papers and the members of the publication committee for checking and compiling the papers we would also like to thank the publisher springer for their support in publishing the proceedings in the lecture notes in computer science series particularly we would like to thank all the authors for contributing their papers

***Advances in Intelligent Computing* 2001**

the five volume set lncs 3980 3984 constitutes the refereed proceedings of the international conference on computational science and its applications iccsa 2006 the volumes present a total of 664 papers organized according to the five major

conference themes computational methods algorithms and applications high performance technical computing and networks advanced and emerging applications geometric modelling graphics and visualization information systems and information technologies this is part iv

Proceedings of the USENIX Symposium on Internet Technologies and Systems 2006-05-11

the objective of the icme 2011 conference was to provide a forum where researchers educators engineers and government officials involved in the general area of mechanical engineering could disseminate their latest research results and exchange views on the future research directions of the field volume is indexed by thomson REUTERS CPCI S was the three volume set includes over 389 peer reviewed papers grouped under the chapter headings materials engineering and manufacturing process and mechanical engineering and automotive engineering this timely volume will be a useful source of new ideas

Computational Science and Its Applications - ICCSA 2006 2011-03-28

this book constitutes the refereed proceedings of the 14th international conference on parallel computing euro par 2008 held in las palmas de gran canaria spain in august 2008 the 86 revised papers presented were carefully reviewed and selected from 264 submissions the papers are organized in topical sections on support tools and environments performance prediction and evaluation scheduling and load balancing high performance architectures and compilers parallel and distributed databases grid and cluster computing peer to peer computing distributed systems and algorithms parallel and distributed programming parallel numerical algorithms distributed and high performance multimedia theory and algorithms for parallel computation and high performance networks

Advances in Mechanical Engineering 2008-08-11

infoworld is targeted to senior it professionals content is segmented into channels and topic centers infoworld also celebrates people companies and projects

Euro-Par 2008 Parallel Processing 2000

this book contains the proceedings of the third international network conference inc 2002 which was held in plymouth uk in july 2002 a total of 72 papers were accepted for inclusion in the conference and they are presented here in 8 themed chapters the main topics of the book include technologies and applications network technologies multimedia over ip quality of service security and privacy distributed technologies mobility and applications and impacts the papers address state of the art research and applications of network technology arising from both the academic and industrial domains the book should consequently be of interest to network practitioners researchers academics and technical managers involved in the design development and use of network systems

A Framework for Service Differentiating Internet Servers 1997-07-07

python python 3

InfoWorld 2012-06-26

the rapid growth of the internet and related services is changing the way we work act and even think in a manner that far exceeds the prediction set by old experts not long ago it is now common belief that the internet and its various applications covering both hardware appliances and software products will play an increasingly important role in everybody s daily lives it is also our strong belief that the importance of the collaborative research and development efforts focusing on the internet among academia industry and regulating government bodies cannot be overemphasized it is our great pleasure to hold the first international workshop on advanced internet services and applications aisa 2002 the workshop is aimed to provide an international forum to share new ideas and research results in the area of the list of workshop topics under the main theme advances in internet services and applications the workshop topics include qos architecture reliability security web acceleration reverse proxy caching schemes content delivery network distributed fault tolerant architecture storage backup solutions media and streaming server switching technology and home networking we have solicited papers on these topics and attracted paper submissions from technically renowned organizations

Proceedings of the Third International Network Conference (INC2002) 2023-04-14

the ultimate guide to advanced python and artificial intelligence unleash the power of code are you ready to take your python programming skills to the next level and dive into the exciting world of artificial intelligence look no further we proudly present the comprehensive book written by renowned author edson l p camacho advanced python mastering ai in today s rapidly evolving technological landscape the demand for ai professionals is soaring python with its simplicity and versatility has become the go to language for ai development whether you are a seasoned pythonista or a beginner eager to learn this book is your gateway to mastering ai concepts and enhancing your programming expertise what sets advanced python mastering ai apart from other books is its unparalleled combination of in depth theory and hands on practicality edson l p camacho a leading expert in the field guides you through every step from laying the foundation of python fundamentals to implementing cutting edge ai algorithms here s a glimpse of what you ll find within the pages of this comprehensive guide 1 python fundamentals review and reinforce your knowledge of python basics including data types control flow functions and object oriented programming build a solid foundation to tackle complex ai concepts 2 data manipulation and visualization learn powerful libraries such as numpy pandas and matplotlib to handle and analyze data understand how to preprocess and visualize data effectively for ai applications 3 machine learning essentials dive into the world of machine learning and explore popular algorithms like linear regression decision trees support vector machines and neural networks discover how to train evaluate and optimize models for various tasks 4 deep learning and neural networks delve deeper into neural networks the backbone of modern ai gain insights into deep

learning architectures including convolutional neural networks cnns and recurrent neural networks rnns implement advanced techniques like transfer learning and generative models 5 natural language processing nlp explore the fascinating field of nlp and learn how to process and analyze textual data using python discover techniques like sentiment analysis named entity recognition and text generation 6 computer vision unleash the power of python for image and video analysis build computer vision applications using popular libraries like opencv and tensorflow understand concepts like object detection image segmentation and image captioning 7 reinforcement learning embark on the exciting journey of reinforcement learning master the fundamentals of q learning policy gradients and deep q networks create intelligent agents that can learn and make decisions in dynamic environments advanced python mastering ai not only equips you with the theoretical knowledge but also provides numerous real world examples and projects to reinforce your understanding each chapter is accompanied by practical exercises and coding challenges to sharpen your skills and boost your confidence don't miss the opportunity to stay ahead in this ai driven era order your copy of advanced python mastering ai today and unlock the full potential of python programming with artificial intelligence take your career to new heights and become a proficient ai developer get ready to write the code that shapes the future

Python [2] 2003-08-02

the communication field is evolving rapidly in order to keep up with society's demands as such it becomes imperative to research and report recent advancements in computational intelligence as it applies to communication networks the handbook of research on recent developments in intelligent communication application is a pivotal reference source for the latest developments on emerging data communication applications featuring extensive coverage across a range of relevant perspectives and topics such as satellite communication cognitive radio networks and wireless sensor networks this book is ideally designed for engineers professionals practitioners upper level students and academics seeking current information on emerging communication networking trends

Advanced Internet Services and Applications 2023-06-08

this edited volume focuses on big data implications for computational social science and humanities from management to usage the first part of the book covers geographic data text corpus data and social media data and exemplifies their concrete applications in a wide range of fields including anthropology economics finance geography history linguistics political science psychology public health and mass communications the second part of the book provides a panoramic view of the development of big data in the fields of computational social sciences and humanities the following questions are addressed why is there a need for novel data governance for this new type of data why is big data important for social scientists and how will it revolutionize the way social scientists conduct research with the advent of the information age and technologies such as 2.0 ubiquitous computing wearable devices and the internet of things digital society has fundamentally changed what we now know as data the very use of this data and what we now call knowledge big data has become the standard in social sciences and has made these sciences more computational big data in computational social science and humanities will appeal to graduate students and researchers working in the many subfields of the social sciences and humanities

Learn Python From an Expert: The Complete Guide: With Artificial Intelligence 2016-12-12

take your python skills to the next level python for everyone is a comprehensive guide for anyone who wants to learn python programming this book is perfect for beginners who want to learn the basics of python as well as experienced programmers who want to take their skills to the next level in this book you will learn advanced python syntax object oriented programming data structures and algorithms functional programming python for data analysis and machine learning and much more with python for everyone you will be able to write complex python programs use python to solve real world problems build powerful and efficient applications become a professional python programmer so what are you waiting for start learning python today

Handbook of Research on Recent Developments in Intelligent Communication Application 2018-11-21

rust

Big Data in Computational Social Science and Humanities 2018-08

as the field of information technology continues to grow and expand it impacts more and more organizations worldwide the leaders within these organizations are challenged on a continuous basis to develop and implement programs that successfully apply information technology applications this is a collection of unique perspectives on the issues surrounding it in organizations and the ways in which these issues are addressed this valuable book is a compilation of the latest research in the area of it utilization and management

Python for Everyone: Learn to Code Like a Pro 2002-01-01

this volume constitutes the refereed proceedings of the 17th international symposium on graph drawing gd 2009 held in chicago usa during september 2009 the 31 revised full papers and 4 short papers presented were carefully reviewed and selected out of 79 submissions furthermore 10 posters were accepted in a separate submission process

Rust 2010-03-10

simple elegant and proven solutions to the specific problems of writing use cases on real projects this workbook has 36 specific guidelines that readers can use to measure the quality of their use cases this is the first book to specifically address use cases with the proven and popular development concept of patterns

Electronic Commerce and Web Technologies 1997

Node.js 2001

Index to IEEE Publications 2001

Proceedings of the Trends in Electronics Conference 2011-09-15

Proceedings 2013-09-02

**Knowledge-Based and Intelligent Information and Engineering Systems,
Part I 2017-08-01**

Making Sense of NoSQL

Large-Scale Machine Learning in the Earth Sciences

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