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Professional DNN7 Shaun Walker, Bruce Chapman, Cathal Connolly, Peter Donker, Israel Martinez, Charles Nurse, Chris Pattera, Clinton Bland, Ashish Prasad, Nathan Rover, Mitchel Sellers, Dennis Shiao, Will Strohl, Erik van Ballegoij, Scott Willhite, Ralph Williams, Jr., 2015-05-13 A variety of positive change has recently taken place in the DNN ecosystem code base and underlying technology Professional DNN7 Open Source NET CMS Platform provides thorough coverage of all aspects of DNN including the latest features API s and updates Looking to ramp up your knowledge of DNN7 If so this book is for you In this book you ll learn how to install configure administer develop modules and much more DNN has undergone a significant transformation over the past 4 years The rebrand from DotNetNuke to DNN was just the start The entire platform was migrated from VB to C the user interface was overhauled providing a much improved user experience dramatic improvements in functionality performance were made including support for social collaboration and mobile devices Recently API s that make modern client side development easy have been introduced as well The underlying technology platform has migrated from ASP NET 2 0 to ASP NET 4 0 and DNN has also integrated Microsoft s Web API as the service framework at the core of the DNN solution All of these enhancements provide developers with a lot of power in one solution In previous Professional DotNetNuke books DotNetNuke founder Shaun Walker authored a popular introductory chapter covering the evolution of the DNN open source project He will expand this initial chapter with information about venture capital funding commercialization and software business insights which will be of interest to DNN enthusiasts as well as technology entrepreneurs DNN site builders administrators and developers will learn how to determine if they have met the installation requirements and install DNN administer and host a DNN site and install and configure modules manage users and keep a DNN installation secure localize a DNN site for multiple languages build custom DNN modules in C using the model of separation of database business logic and presentation layers customize the DNN look with skinning make their site social with EVOQ

8th International Conference on Practical Applications of Computational Biology & Bioinformatics (PACBB 2014) Julio Saez-Rodriguez, Miguel P. Rocha, Florentino Fdez-Riverola, Juan F. De Paz Santana, 2014-05-21 Biological and biomedical research are increasingly driven by experimental techniques that challenge our ability to analyse process and extract meaningful knowledge from the underlying data The impressive capabilities of next generation sequencing technologies together with novel and ever evolving distinct types of omics data technologies have put an increasingly complex set of challenges for the growing fields of Bioinformatics and Computational Biology The analysis of the datasets produced and their integration call for new algorithms and approaches from fields such as Databases Statistics Data Mining Machine Learning Optimization Computer Science and Artificial Intelligence Clearly Biology is more and more a science of information requiring tools from the computational sciences In the last few years we have seen the surge of a new generation of interdisciplinary scientists that have a strong background in the biological and computational sciences In this context the

interaction of researchers from different scientific fields is more than ever of foremost importance boosting the research efforts in the field and contributing to the education of a new generation of Bioinformatics scientists PACBB 14 contributes to this effort promoting this fruitful interaction PACBB 14 technical program included 34 papers spanning many different sub fields in Bioinformatics and Computational Biology Therefore the conference promotes the interaction of scientists from diverse research groups and with a distinct background such as computer scientists mathematicians or biologists

Advances in Soft Computing Ildar Batyrshin, María de Lourdes Martínez-Villaseñor, Hiram Eredín Ponce Espinosa, 2019-01-02 The two volume set LNAI 11288 and 11289 constitutes the proceedings of the 17th Mexican International Conference on Artificial Intelligence MICA I 2018 held in Guadalajara Mexico in October 2018 The total of 62 papers presented in these two volumes was carefully reviewed and selected from 149 submissions The contributions are organized in topical as follows Part I evolutionary and nature inspired intelligence machine learning fuzzy logic and uncertainty management Part II knowledge representation reasoning and optimization natural language processing and robotics and computer vision

Lucene in Action Otis Gospodnetic, Erik Hatcher, Michael McCandless, 2010-07-08 When Lucene first hit the scene five years ago it was nothing short of amazing By using this open source highly scalable super fast search engine developers could integrate search into applications quickly and efficiently A lot has changed since then search has grown from a nice to have feature into an indispensable part of most enterprise applications Lucene now powers search in diverse companies including Akamai Netflix LinkedIn Technorati HotJobs Epiphany FedEx Mayo Clinic MIT New Scientist Magazine and many others Some things remain the same though Lucene still delivers high performance search features in a disarmingly easy to use API Due to its vibrant and diverse open source community of developers and users Lucene is relentlessly improving with evolutions to APIs significant new features such as payloads and a huge increase as much as 8x in indexing speed with Lucene 2.3 And with clear writing reusable examples and unmatched advice on best practices Lucene in Action Second Edition is still the definitive guide to developing with Lucene Purchase of the print book comes with an offer of a free PDF ePub and Kindle eBook from Manning Also available is all code from the book

Advances in Information Retrieval Allan Hanbury, Gabriella Kazai, Andreas Rauber, Norbert Fuhr, 2015-03-16 This book constitutes the proceedings of the 37th European Conference on IR Research ECIR 2015 held in Vienna Austria in March April 2015 The 44 full papers 41 poster papers and 7 demonstrations presented together with 3 keynotes in this volume were carefully reviewed and selected from 305 submissions The focus of the papers were on following topics aggregated search and diversity classification cross lingual and discourse efficiency evaluation event mining and summarisation information extraction recommender systems semantic and graph based models sentiment and opinion social media specific search tasks temporal models and features topic and document models user behavior and reproducible IR

Analyzing Discourse and Text Complexity for Learning and Collaborating Mihai Dascălu, 2013-11-26 With the advent and increasing popularity of

Computer Supported Collaborative Learning CSCL and e learning technologies the need of automatic assessment and of teacher tutor support for the two tightly intertwined activities of comprehension of reading materials and of collaboration among peers has grown significantly In this context a polyphonic model of discourse derived from Bakhtin s work as a paradigm is used for analyzing both general texts and CSCL conversations in a unique framework focused on different facets of textual cohesion As specificity of our analysis the individual learning perspective is focused on the identification of reading strategies and on providing a multi dimensional textual complexity model whereas the collaborative learning dimension is centered on the evaluation of participants involvement as well as on collaboration assessment Our approach based on advanced Natural Language Processing techniques provides a qualitative estimation of the learning process and enhances understanding as a mediator of learning by providing automated feedback to both learners and teachers or tutors The main benefits are its flexibility extensibility and nevertheless specificity for covering multiple stages starting from reading classroom materials to discussing on specific topics in a collaborative manner and finishing the feedback loop by verbalizing metacognitive thoughts

Scalability Challenges in Web Search Engines B. Barla Cambazoglu,Ricardo Baeza-Yates,2022-06-01 In this book we aim to provide a fairly comprehensive overview of the scalability and efficiency challenges in large scale web search engines More specifically we cover the issues involved in the design of three separate systems that are commonly available in every web scale search engine web crawling indexing and query processing systems We present the performance challenges encountered in these systems and review a wide range of design alternatives employed as solution to these challenges specifically focusing on algorithmic and architectural optimizations We discuss the available optimizations at different computational granularities ranging from a single computer node to a collection of data centers We provide some hints to both the practitioners and theoreticians involved in the field about the way large scale web search engines operate and the adopted design choices Moreover we survey the efficiency literature providing pointers to a large number of relatively important research papers Finally we discuss some open research problems in the context of search engine efficiency

Elasticsearch in Action, Second Edition Madhusudhan Konda,2024-01-02 Build powerful production ready search applications using the incredible features of Elasticsearch In *Elasticsearch in Action Second Edition* you will discover Architecture concepts and fundamentals of Elasticsearch Installing configuring and running Elasticsearch and Kibana Creating an index with custom settings Data types mapping fundamentals and templates Fundamentals of text analysis and working with text analyzers Indexing deleting and updating documents Indexing data in bulk and reindexing and aliasing operations Learning search concepts relevancy scores and similarity algorithms *Elasticsearch in Action Second Edition* teaches you to build scalable search applications using Elasticsearch This completely new edition explores Elasticsearch fundamentals from the ground up You ll deep dive into design principles search architectures and Elasticsearch s essential APIs Every chapter is clearly illustrated with diagrams and hands on examples You ll even explore real world use

cases for full text search data visualizations and machine learning Plus its comprehensive nature means you ll keep coming back to the book as a handy reference Foreword by Shay Banon About the technology Create fully professional grade search engines with Elasticsearch and Kibana Rewritten for the latest version of Elasticsearch this practical book explores Elasticsearch s high level architecture reveals infrastructure patterns and walks through the search and analytics capabilities of numerous Elasticsearch APIs About the book Elasticsearch in Action Second Edition teaches you how to add modern search features to websites and applications using Elasticsearch 8 In it you ll quickly progress from the basics of installation and configuring clusters to indexing documents advanced aggregations and putting your servers into production You ll especially appreciate the mix of technical detail with techniques for designing great search experiences What s inside Understanding search architecture Full text and term level search queries Analytics and aggregations High level visualizations in Kibana Configure scale and tune clusters About the reader For application developers comfortable with scripting and command line applications About the author Madhusudhan Konda is a full stack lead engineer architect mentor and conference speaker He delivers live online training on Elasticsearch and the Elastic Stack Table of Contents 1 Overview 2 Getting started 3 Architecture 4 Mapping 5 Working with documents 6 Indexing operations 7 Text analysis 8 Introducing search 9 Term level search 10 Full text searches 11 Compound queries 12 Advanced search 13 Aggregations 14 Administration 15 Performance and troubleshooting

5G/6G Advancements in Communication Technologies for Agile Management Miryala, Ramesh Kumar, Lee, Young-Chan, Mazurek, Marica, Chendragiri, Madhavaiah, 2025-01-03 The rapid evolution of communication technologies has led to the emergence of 5G and 6G networks set to transform how we connect interact and manage our digital lives As we approach this new era it is essential to examine the advancements challenges and opportunities these networks offer Understanding their potential impact will be key to navigating the future of digital communication 5G 6G Advancements in Communication Technologies for Agile Management presents a holistic view of the 5G and 6G landscape covering the foundational technologies architectural innovations and agile management strategies that are shaping the future of communication networks It delves into the technical aspects of 5G and 6G discussing the core of emerging technologies spectrum management security and privacy considerations Covering topics such as artificial intelligence AI digital divide and workforce skills this book is an excellent resource for researchers engineers network operators industry professionals academicians graduate and postgraduate students and more

Spark in Action, Second Edition Jean-Georges Perrin, 2020-06-02 Summary The Spark distributed data processing platform provides an easy to implement tool for ingesting streaming and processing data from any source In Spark in Action Second Edition you ll learn to take advantage of Spark s core features and incredible processing speed with applications including real time computation delayed evaluation and machine learning Spark skills are a hot commodity in enterprises worldwide and with Spark s powerful and flexible Java APIs you can reap all the benefits without first learning Scala or Hadoop Foreword by Rob Thomas

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Web Information Systems and Technologies María José Escalona, Francisco Domínguez Mayo, Tim A. Majchrzak, Valérie Monfort, 2020-01-16 This book constitutes revised selected papers from the 14th International Conference on Web Information Systems and Technologies WEBIST 2018 held in Seville Spain in September 2018 The purpose of the WEBIST series of conferences is to bring together researches engineers and practitioners interested in technological advances and business applications of web based information systems The 12 full papers presented in this volume were carefully reviewed and selected from originally 68 paper submissions They cover different aspects of Web information systems namely internet technology mobile and NLP information systems service based information systems platforms and eco systems Web intelligence and Web interfaces

Progress in Artificial Intelligence Goretí Marreiros, Francisco S. Melo, Nuno Lau, Henrique Lopes Cardoso, Luís Paulo Reis, 2021-09-07 This book constitutes the refereed proceedings of the 20th EPIA Conference on Artificial Intelligence EPIA 2021 held virtually in September 2021 The 62 full papers and 6 short papers presented were carefully reviewed and selected from a total of 108 submissions The papers are organized in the following topical sections artificial intelligence and IoT in agriculture artificial intelligence and law

artificial intelligence in medicine artificial intelligence in power and energy systems artificial intelligence in transportation systems artificial life and evolutionary algorithms ambient intelligence and affective environments general AI intelligent robotics knowledge discovery and business intelligence multi agent systems theory and applications and text mining and applications

Smart Education and e-Learning 2016 Vladimir L. Uskov, Robert J. Howlett, Lakhmi C. Jain, 2016-06-13 This book contains the contributions presented at the 3rd international KES conference on Smart Education and Smart e Learning which took place in Puerto de la Cruz Tenerife Spain June 15 17 2016 It contains a total of 56 peer reviewed book chapters that are grouped into several parts Part 1 Smart University Conceptual Modeling Part 2 Smart Education Research and Case Studies Part 3 Smart e Learning Part 4 Smart Education Software and Hardware Systems and Part 5 Smart Technology as a Resource to Improve Education and Professional Training We believe that the book will serve as a useful source of research data and valuable information for faculty scholars Ph D students administrators and practitioners those who are interested in innovative areas of smart education and smart e learning

Fusion in Computer Vision Bogdan Ionescu, Jenny Benois-Pineau, Tomas Piatrik, Georges Quénot, 2014-03-25 This book presents a thorough overview of fusion in computer vision from an interdisciplinary and multi application viewpoint describing successful approaches evaluated in the context of international benchmarks that model realistic use cases Features examines late fusion approaches for concept recognition in images and videos describes the interpretation of visual content by incorporating models of the human visual system with content understanding methods investigates the fusion of multi modal features of different semantic levels as well as results of semantic concept detections for example based event recognition in video proposes rotation based ensemble classifiers for high dimensional data which encourage both individual accuracy and diversity within the ensemble reviews application focused strategies of fusion in video surveillance biomedical information retrieval and content detection in movies discusses the modeling of mechanisms of human interpretation of complex visual content

ECAI 2014 T. Schaub, G. Friedrich, B. O'Sullivan, 2014-08 The role of artificial intelligence AI applications in fields as diverse as medicine economics linguistics logical analysis and industry continues to grow in scope and importance AI has become integral to the effective functioning of much of the technical infrastructure we all now take for granted as part of our daily lives This book presents the papers from the 21st biennial European Conference on Artificial Intelligence ECAI 2014 held in Prague Czech Republic in August 2014 The ECAI conference remains Europe's principal opportunity for researchers and practitioners of Artificial Intelligence to gather and to discuss the latest trends and challenges in all subfields of AI as well as to demonstrate innovative applications and uses of advanced AI technology Included here are the 158 long papers and 94 short papers selected for presentation at the conference Many of the papers cover the fields of knowledge representation reasoning and logic as well as agent based and multi agent systems machine learning and data mining The proceedings of PAIS 2014 and the PAIS System Demonstrations are also included in this volume which will be of interest to all those wishing to keep

abreast of the latest developments in the field of AI Euro-Par 2019: Parallel Processing Ramin Yahyapour,2019-08-19 This book constitutes the proceedings of the 25th International Conference on Parallel and Distributed Computing Euro Par 2019 held in G ttingen Germany in August 2019 The 36 full papers presented in this volume were carefully reviewed and selected from 142 submissions They deal with parallel and distributed computing in general focusing on support tools and environments performance and power modeling prediction and evaluation scheduling and load balancing high performance architectures and compilers data management analytics and deep learning cluster and cloud computing distributed systems and algorithms parallel and distributed programming interfaces and languages multicore and manycore parallelism theory and algorithms for parallel computation and networking parallel numerical methods and applications accelerator computing algorithms and systems for bioinformatics and algorithms and systems for digital humanities **Mastering Elasticsearch - Second Edition** Rafał Kuć,Marek Rogoziński,2015-02-27 This book is for Elasticsearch users who want to extend their knowledge and develop new skills Prior knowledge of the Query DSL and data indexing is expected **Second International Conference on Computer Networks and Communication Technologies** S. Smys,Tomonobu Senjyu,Pavel Lafata,2020-01-21 This book presents new communication and networking technologies an area that has gained significant research attention from both academia and industry in recent years It also discusses the development of more intelligent and efficient communication technologies which are an essential part of current day to day life and reports on recent innovations in technologies architectures and standards relating to these technologies The book includes research that spans a wide range of communication and networking technologies including wireless sensor networks big data Internet of Things optical and telecommunication networks artificial intelligence cryptography next generation networks cloud computing and natural language processing Moreover it focuses on novel solutions in the context of communication and networking challenges such as optimization algorithms network interoperability scalable network clustering multicasting and fault tolerant techniques network authentication mechanisms and predictive analytics *Practical JIRA Plugins* Matthew Doar,2011-07-29 One advantage of using JIRA for issue tracking bug tracking or project management is the ability to extend this tool with hundreds of plugins from the JIRA community In this concise book software toolsmith Matt Doar the author of *Practical JIRA Administration* shows you how to create and maintain your own JIRA plugins to meet the specific needs of a project This book uses detailed examples to clarify some of the more confusing aspects of JIRA plugins and serves as an ideal supplement to the extensive documentation already available Use JIRA s Plugin SDK and learn several aspects common to all plugins Create your own custom field type using a JIRA plugin Delve into advanced aspects of custom field plugins and discover how searching for values in custom fields works Create JIRA plugins to use with workflows and learn about conditions validators and post functions Store data using the PropertySet interface and the Active Objects plugin Upgrade a plugin and upload it to Atlassian Plugin Exchange PAC *Information Security and Cryptology - ICISC 2014* Jooyoung Lee,Jongsung

Kim,2015-03-16 This book constitutes the thoroughly refereed post conference proceedings of the 17th International Conference on Information Security and Cryptology ICISC 2014 held in Seoul South Korea in December 2014 The 27 revised full papers presented were carefully selected from 91 submissions during two rounds of reviewing The papers provide the latest results in research development and applications in the field of information security and cryptology They are organized in topical sections on RSA security digital signature public key cryptography block ciphers network security mobile security hash functions information hiding and efficiency cryptographic protocol and side channel attacks

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