

Relevant Search With Applications For Solr And Elasticsearch

THIS IS LIKEWISE ONE OF THE FACTORS BY OBTAINING THE SOFT DOCUMENTS OF THIS **RELEVANT SEARCH WITH APPLICATIONS FOR SOLR AND ELASTICSEARCH** BY ONLINE. YOU MIGHT NOT REQUIRE MORE ERA TO SPEND TO GO TO THE BOOK INITIATION AS WITHOUT DIFFICULTY AS SEARCH FOR THEM. IN SOME CASES, YOU LIKEWISE REACH NOT DISCOVER THE PROCLAMATION RELEVANT SEARCH WITH APPLICATIONS FOR SOLR AND ELASTICSEARCH THAT YOU ARE LOOKING FOR. IT WILL ENTIRELY SQUANDER THE TIME.

HOWEVER BELOW, IN THE MANNER OF YOU VISIT THIS WEB PAGE, IT WILL BE CORRESPONDINGLY ENTIRELY EASY TO ACQUIRE AS WITH EASE AS DOWNLOAD GUIDE RELEVANT SEARCH WITH APPLICATIONS FOR SOLR AND ELASTICSEARCH

IT WILL NOT SAY YOU WILL MANY TIME AS WE TELL BEFORE. YOU CAN REALIZE IT EVEN THOUGH DECREE SOMETHING ELSE AT HOME AND EVEN IN YOUR WORKPLACE. SO EASY! SO, ARE YOU QUESTION? JUST EXERCISE JUST WHAT WE FIND THE MONEY FOR BELOW AS COMPETENTLY AS REVIEW **RELEVANT SEARCH WITH APPLICATIONS FOR SOLR AND ELASTICSEARCH** WHAT YOU TAKING INTO CONSIDERATION TO READ!

ELASTICSEARCH: THE DEFINITIVE GUIDE - CLINTON GORMLEY 2015-01-23

WHETHER YOU NEED FULL-TEXT SEARCH OR REAL-TIME ANALYTICS OF STRUCTURED DATA—OR BOTH—THE ELASTICSEARCH DISTRIBUTED SEARCH ENGINE IS AN IDEAL WAY TO PUT YOUR DATA TO WORK. THIS PRACTICAL GUIDE NOT ONLY SHOWS YOU HOW TO SEARCH, ANALYZE, AND EXPLORE DATA WITH ELASTICSEARCH, BUT ALSO HELPS YOU DEAL WITH THE COMPLEXITIES OF HUMAN LANGUAGE, GEOLOCATION, AND RELATIONSHIPS. IF YOU'RE A NEWCOMER TO BOTH SEARCH AND DISTRIBUTED SYSTEMS, YOU'LL QUICKLY LEARN HOW TO INTEGRATE ELASTICSEARCH INTO YOUR APPLICATION. MORE EXPERIENCED USERS WILL PICK UP LOTS OF ADVANCED TECHNIQUES. THROUGHOUT THE BOOK, YOU'LL FOLLOW A PROBLEM-BASED APPROACH TO LEARN WHY, WHEN, AND HOW TO USE ELASTICSEARCH FEATURES. UNDERSTAND HOW ELASTICSEARCH INTERPRETS DATA IN YOUR DOCUMENTS INDEX AND QUERY YOUR DATA TO TAKE ADVANTAGE OF SEARCH CONCEPTS SUCH AS RELEVANCE AND WORD PROXIMITY HANDLE HUMAN LANGUAGE THROUGH THE EFFECTIVE USE OF ANALYZERS AND QUERIES SUMMARIZE AND GROUP DATA TO SHOW OVERALL TRENDS, WITH AGGREGATIONS AND ANALYTICS USE GEO-POINTS AND GEO-SHAPES—ELASTICSEARCH'S APPROACHES TO GEOLOCATION MODEL YOUR DATA TO TAKE ADVANTAGE OF ELASTICSEARCH'S HORIZONTAL SCALABILITY LEARN HOW TO CONFIGURE AND MONITOR YOUR CLUSTER IN PRODUCTION

XML-BASED CONTENT MANAGEMENT - RICARDO EITO-BRUN 2017-11-14

XML-BASED CONTENT MANAGEMENT: INTEGRATION, METHODOLOGIES AND TOOLS COVERS THE DESIGN AND DEPLOYMENT OF XML-BASED SOLUTIONS AND HOW TO MANAGE CONTENT AND METADATA, A PRACTICE THAT REQUIRES A MORE METHODOLOGICAL APPROACH THAN THOSE TRADITIONALLY APPLIED TO THE DESIGN AND DEPLOYMENT OF DOCUMENT AND CONTENT MANAGEMENT SOLUTIONS. THE EXTENSIVE USE OF XML IMPLIES THE NEED OF ADDING ADDITIONAL ACTIVITIES, QUALITY CONTROLS, AND TOOLS TO THE ESTABLISHED DOCUMENT-MANAGEMENT AND WEB-APPLICATION DESIGN PROCESSES. THE BOOK DESCRIBES A METHODOLOGY THAT COVERS THE DIFFERENT PHASES OF THE CONTENT AND METADATA MANAGEMENT LIFECYCLE, FROM GENERATION, TO ARCHIVING, TO COMPLIANCE WITH EXISTING CONTENT MANAGEMENT AND ARCHIVING STANDARDS. IN ADDITION, THE BOOK REVIEWS THE KEY CHARACTERISTICS OF THE TOOLS NECESSARY FOR STORAGE, RETRIEVAL AND DELIVERY. FOCUSES ON METHODOLOGIES FOR THE DESIGN AND DEPLOYMENT OF XML-BASED CONTENT MANAGEMENT SOLUTIONS BASED ON STANDARDS LIKE BMPN AND SPEM PROVIDES AN UPDATED VIEW OF CONSOLIDATED TECHNOLOGIES FOR STRUCTURED DATA MANAGEMENT EXPLAINS THE LINK BETWEEN TECHNOLOGIES FOR CONTENT STORAGE AND DISTRIBUTION PRESENTS THE CONCEPTUAL KNOWLEDGE TO UNDERSTAND AND RELATE THE STRATEGIC VIEW PROVIDED BY OAIIS WITH THE MANAGEMENT OF DAILY OPERATIONS FOCUSED ON CONTENT COLLECTION, AGGREGATION AND PUBLISHING

MASTERING APACHE SOLR 7.X - SANDEEP NAIR 2018-02-22

ACCELERATE YOUR ENTERPRISE SEARCH ENGINE AND BRING RELEVANCY IN YOUR SEARCH ANALYTICS KEY FEATURES A PRACTICAL GUIDE IN BUILDING EXPERTISE WITH INDEXING, FACETING, CLUSTERING AND PAGINATION MASTER THE MANAGEMENT AND ADMINISTRATION OF ENTERPRISE SEARCH APPLICATIONS AND SERVICES SEAMLESSLY HANDLE MULTIPLE DATA INPUTS SUCH AS JSON, XML, PDF, DOC, XLS,PPT, CSV AND MUCH MORE. BOOK DESCRIPTION APACHE SOLR IS THE ONLY STANDALONE ENTERPRISE SEARCH SERVER WITH A REST-LIKE APPLICATION INTERFACE. PROVIDING HIGHLY SCALABLE, DISTRIBUTED SEARCH AND INDEX REPLICATION FOR MANY OF THE WORLD'S LARGEST INTERNET SITES. TO BEGIN WITH, YOU WOULD BE INTRODUCED TO HOW YOU PERFORM FULL TEXT SEARCH, MULTIPLE FILTER SEARCH, PERFORM DYNAMIC CLUSTERING AND SO ON HELPING YOU TO BRUSH UP THE BASICS OF APACHE SOLR. YOU WILL ALSO EXPLORE THE NEW FEATURES AND ADVANCED OPTIONS RELEASED IN APACHE SOLR 7.X WHICH WILL GET YOU NUMEROUS PERFORMANCE ASPECTS AND MAKING DATA INVESTIGATION SIMPLER, EASIER AND POWERFUL. YOU WILL LEARN TO BUILD COMPLEX QUERIES, EXTENSIVE FILTERS AND HOW ARE THEY COMPILED IN YOUR SYSTEM TO BRING RELEVANCE IN YOUR SEARCH TOOLS. YOU WILL LEARN TO CARRY OUT SOLR SCORING, ELEMENTS AFFECTING THE DOCUMENT SCORE AND HOW YOU CAN OPTIMIZE OR TUNE THE SCORE FOR THE APPLICATION AT HAND. YOU WILL LEARN TO EXTRACT FEATURES OF DOCUMENTS, WRITING COMPLEX QUERIES IN RE-RANKING THE DOCUMENTS. YOU WILL ALSO LEARN ADVANCED OPTIONS HELPING YOU TO KNOW WHAT CONTENT IS INDEXED AND HOW THE EXTRACTED CONTENT IS INDEXED.

THROUGHOUT THE BOOK, YOU WOULD GO THROUGH COMPLEX PROBLEMS WITH SOLUTIONS ALONG WITH VARIED APPROACHES TO TACKLE YOUR BUSINESS NEEDS. BY THE END OF THIS BOOK, YOU WILL GAIN ADVANCED PROFICIENCY TO BUILD OUT-OF-BOX SMART SEARCH SOLUTIONS FOR YOUR ENTERPRISE DEMANDS. WHAT YOU WILL LEARN DESIGN SCHEMA USING SCHEMA API TO ACCESS DATA IN THE DATABASE ADVANCE QUERYING AND FINE-TUNING TECHNIQUES FOR BETTER PERFORMANCE GET TO GRIPS WITH INDEXING USING CLIENT API SET UP A FAULT TOLERANT AND HIGHLY AVAILABLE SERVER WITH NEWER DISTRIBUTED CAPABILITIES, SOLRCLOUD EXPLORE APACHE TIKA TO UPLOAD DATA WITH SOLR CELL UNDERSTAND DIFFERENT DATA OPERATIONS THAT CAN BE DONE WHILE INDEXING MASTER ADVANCED QUERYING THROUGH VELOCITY SEARCH UI, FACETING AND QUERY RE-RANKING, PAGINATION AND SPATIAL SEARCH

LEARN TO USE JAVASCRIPT, PYTHON, SOLRJ AND RUBY FOR INTERACTING WITH SOLR WHO THIS BOOK IS FOR THE BOOK WOULD RIGHTLY APPEAL TO DEVELOPERS, SOFTWARE ENGINEERS, DATA ENGINEERS AND DATABASE ARCHITECTS WHO ARE BUILDING OR SEEKING TO BUILD ENTERPRISE-WIDE EFFECTIVE SEARCH ENGINES FOR BUSINESS INTELLIGENCE. PRIOR EXPERIENCE OF APACHE SOLR OR JAVA PROGRAMMING IS MUST TO TAKE THE BEST OF THIS BOOK.

PRACTICAL HADOOP ECOSYSTEM - DEEPAK VOHRA 2016-09-30

LEARN HOW TO USE THE APACHE HADOOP PROJECTS, INCLUDING MAPREDUCE, HDFS, APACHE HIVE, APACHE HBASE, APACHE KAFKA, APACHE MAHOUT, AND APACHE SOLR. FROM SETTING UP THE ENVIRONMENT TO RUNNING SAMPLE APPLICATIONS EACH CHAPTER IN THIS BOOK IS A PRACTICAL TUTORIAL ON USING AN APACHE HADOOP ECOSYSTEM PROJECT. WHILE SEVERAL BOOKS ON APACHE HADOOP ARE AVAILABLE, MOST ARE BASED ON THE MAIN PROJECTS, MAPREDUCE AND HDFS, AND NONE DISCUSSES THE OTHER APACHE HADOOP ECOSYSTEM PROJECTS AND HOW THEY ALL WORK TOGETHER AS A COHESIVE BIG DATA DEVELOPMENT PLATFORM. WHAT YOU WILL LEARN: SET UP THE ENVIRONMENT IN LINUX FOR HADOOP PROJECTS USING CLUDERA HADOOP DISTRIBUTION CDH 5 RUN A MAPREDUCE JOB STORE DATA WITH APACHE HIVE, AND APACHE HBASE INDEX DATA IN HDFS WITH APACHE SOLR DEVELOP A KAFKA MESSAGING SYSTEM STREAM LOGS TO HDFS WITH APACHE FLUME TRANSFER DATA FROM MYSQL DATABASE TO HIVE, HDFS, AND HBASE WITH SQOOP CREATE A HIVE TABLE OVER APACHE SOLR DEVELOP A MAHOUT USER RECOMMENDER SYSTEM WHO THIS BOOK IS FOR: APACHE HADOOP DEVELOPERS. PRE-REQUISITE KNOWLEDGE OF LINUX AND SOME KNOWLEDGE OF HADOOP IS REQUIRED.

TIKA IN ACTION - JUKKA L. ZITTING 2011-11-30

SUMMARY TIKA IN ACTION IS A HANDS-ON GUIDE TO CONTENT MINING WITH APACHE TIKA. THE BOOK'S MANY EXAMPLES AND CASE STUDIES OFFER REAL-WORLD EXPERIENCE FROM DOMAINS RANGING FROM SEARCH ENGINES TO DIGITAL ASSET MANAGEMENT AND SCIENTIFIC DATA PROCESSING. ABOUT THE TECHNOLOGY TIKA IS AN APACHE TOOLKIT THAT HAS BUILT INTO IT EVERYTHING YOU AND YOUR APP NEED TO KNOW ABOUT FILE FORMATS. USING TIKA, YOUR APPLICATIONS CAN DISCOVER AND EXTRACT CONTENT FROM DIGITAL DOCUMENTS IN ALMOST ANY FORMAT, INCLUDING EXOTIC ONES. ABOUT THIS BOOK TIKA IN ACTION IS THE ULTIMATE GUIDE TO CONTENT MINING USING APACHE TIKA. YOU'LL LEARN HOW TO PULL USABLE INFORMATION FROM OTHERWISE INACCESSIBLE SOURCES, INCLUDING INTERNET MEDIA AND FILE ARCHIVES. THIS EXAMPLE-RICH BOOK TEACHES YOU TO BUILD AND EXTEND APPLICATIONS BASED ON REAL-WORLD EXPERIENCE WITH SEARCH ENGINES, DIGITAL ASSET MANAGEMENT, AND SCIENTIFIC DATA PROCESSING. IN ADDITION TO ARCHITECTURAL OVERVIEWS, YOU'LL FIND DETAILED CHAPTERS ON FEATURES LIKE METADATA EXTRACTION, AUTOMATIC LANGUAGE DETECTION, AND CUSTOM PARSER DEVELOPMENT. THIS BOOK IS WRITTEN FOR DEVELOPERS WHO ARE NEW TO BOTH SCALA AND LIFT AND COVERS JUST ENOUGH SCALA TO GET YOU STARTED. 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. WHAT'S INSIDE CRACK MS WORD, PDF, HTML, AND ZIP INTEGRATE WITH SEARCH ENGINES, CMS, AND OTHER DATA SOURCES LEARN THROUGH EXPERIMENTATION MANY EXAMPLES THIS BOOK REQUIRES NO PREVIOUS KNOWLEDGE OF TIKA OR TEXT MINING TECHNIQUES. IT ASSUMES A WORKING KNOWLEDGE OF JAVA.

===== TABLE OF CONTENTS PART 1 GETTING STARTED THE CASE FOR THE DIGITAL BABEL FISH GETTING STARTED WITH TIKA THE INFORMATION LANDSCAPE PART 2 TIKA IN DETAIL DOCUMENT TYPE DETECTION CONTENT EXTRACTION UNDERSTANDING METADATA LANGUAGE DETECTION WHAT'S IN A FILE? PART 3 INTEGRATION AND ADVANCED USE THE BIG PICTURE TIKA AND THE LUCENE SEARCH STACK EXTENDING TIKA PART 4 CASE STUDIES POWERING NASA SCIENCE DATA SYSTEMS CONTENT MANAGEMENT WITH APACHE JACKRABBIT CURATING CANCER RESEARCH DATA WITH TIKA THE CLASSIC SEARCH ENGINE EXAMPLE

QUERY UNDERSTANDING FOR SEARCH ENGINES - YI CHANG 2020-12-01

THIS BOOK PRESENTS A SYSTEMATIC STUDY OF PRACTICES AND THEORIES FOR QUERY UNDERSTANDING OF SEARCH ENGINES. THESE STUDIES CAN BE CATEGORIZED INTO THREE MAJOR CLASSES. THE FIRST CLASS IS TO FIGURE OUT WHAT THE SEARCHER WANTS BY EXTRACTING SEMANTIC MEANING FROM THE SEARCHER'S KEYWORDS, SUCH AS QUERY CLASSIFICATION, QUERY TAGGING, AND QUERY INTENT UNDERSTANDING. THE SECOND CLASS IS TO ANALYZE SEARCH QUERIES AND THEN TRANSLATE THEM INTO AN ENHANCED QUERY THAT CAN PRODUCE BETTER SEARCH RESULTS, SUCH AS QUERY SPELLING CORRECTION OR QUERY REWRITING. THE THIRD CLASS IS TO ASSIST USERS IN REFINING OR SUGGESTING QUERIES IN ORDER TO REDUCE USERS' SEARCH EFFORT AND SATISFY THEIR INFORMATION NEEDS, SUCH AS QUERY AUTO-COMPLETION AND QUERY SUGGESTION. QUERY UNDERSTANDING IS A FUNDAMENTAL PART OF SEARCH ENGINES. IT IS RESPONSIBLE TO PRECISELY INFER THE INTENT OF THE QUERY FORMULATED BY THE SEARCH USER, TO CORRECT SPELLING ERRORS IN HIS/HER QUERY, TO REFORMULATE THE QUERY TO CAPTURE ITS INTENT MORE ACCURATELY, AND TO GUIDE THE USER IN FORMULATING A

QUERY WITH PRECISE INTENT. THE BOOK WILL BE INVALUABLE TO RESEARCHERS AND GRADUATE STUDENTS IN COMPUTER OR INFORMATION SCIENCE AND SPECIALIZING IN INFORMATION RETRIEVAL OR WEB-BASED SYSTEMS, AS WELL AS TO RESEARCHERS AND PROGRAMMERS WORKING ON THE DEVELOPMENT OR IMPROVEMENT OF PRODUCTS RELATED TO SEARCH ENGINES.

APACHE SOLR ENTERPRISE SEARCH SERVER - THIRD EDITION - DAVID SMILEY 2015-05-26

THIS BOOK IS FOR DEVELOPERS WHO WANT TO LEARN HOW TO GET THE MOST OUT OF SOLR IN THEIR APPLICATIONS, WHETHER YOU ARE NEW TO THE FIELD, HAVE USED SOLR BUT DON'T KNOW EVERYTHING, OR SIMPLY WANT A GOOD REFERENCE. IT WOULD BE HELPFUL TO HAVE SOME FAMILIARITY WITH BASIC PROGRAMMING CONCEPTS, BUT NO PRIOR EXPERIENCE IS REQUIRED.

SOLR COOKBOOK - THIRD EDITION - RAFAL KUC 2015-01-23

THIS BOOK IS FOR INTERMEDIATE SOLR DEVELOPERS WHO ARE WILLING TO LEARN AND IMPLEMENT PRO-LEVEL PRACTICES, TECHNIQUES, AND SOLUTIONS. THIS EDITION WILL SPECIFICALLY APPEAL TO DEVELOPERS WHO WISH TO QUICKLY GET TO GRIPS WITH THE CHANGES AND NEW FEATURES OF APACHE SOLR 5.

MAKING SENSE OF NoSQL - ANN KELLY 2013-09-02

SUMMARY MAKING SENSE OF NoSQL CLEARLY AND CONCISELY EXPLAINS THE CONCEPTS, FEATURES, BENEFITS, POTENTIAL, AND LIMITATIONS OF NoSQL TECHNOLOGIES. USING EXAMPLES AND USE CASES, ILLUSTRATIONS, AND PLAIN, JARGON-FREE WRITING, THIS GUIDE SHOWS HOW YOU CAN EFFECTIVELY ASSEMBLE A NoSQL SOLUTION TO REPLACE OR AUGMENT THE TRADITIONAL RDBMS YOU HAVE NOW. ABOUT THIS BOOK IF YOU WANT TO UNDERSTAND AND PERHAPS START USING THE NEW DATA STORAGE AND ANALYSIS TECHNOLOGIES THAT GO BEYOND THE SQL DATABASE MODEL, THIS BOOK IS FOR YOU. WRITTEN IN PLAIN LANGUAGE SUITABLE FOR TECHNICAL MANAGERS AND DEVELOPERS, AND USING MANY EXAMPLES, USE CASES, AND ILLUSTRATIONS, THIS BOOK EXPLAINS THE CONCEPTS, FEATURES, BENEFITS, POTENTIAL, AND LIMITATIONS OF NoSQL. MAKING SENSE OF NoSQL STARTS BY COMPARING FAMILIAR DATABASE CONCEPTS TO THE NEW NoSQL PATTERNS THAT AUGMENT OR REPLACE THEM. THEN, YOU'LL EXPLORE CASE STUDIES ON BIG DATA, SEARCH, RELIABILITY, AND BUSINESS AGILITY THAT APPLY THESE NEW PATTERNS TO TODAY'S BUSINESS PROBLEMS. YOU'LL SEE HOW NoSQL SYSTEMS CAN LEVERAGE THE RESOURCES OF MODERN CLOUD COMPUTING AND MULTIPLE-CPU DATA CENTERS. THE FINAL CHAPTERSSHOW YOU HOW TO CHOOSE THE RIGHT NoSQL TECHNOLOGIES FOR YOUR OWN NEEDS. MANAGERS AND DEVELOPERS WILL WELCOME THIS LUCID OVERVIEW OF THE POTENTIAL AND CAPABILITIES OF NoSQL TECHNOLOGIES. PURCHASE OF THE PRINT BOOK INCLUDES A FREE eBook IN PDF, KINDLE, AND ePub FORMATS FROM MANNING PUBLICATIONS. WHAT'S INSIDE NoSQL DATA ARCHITECTURE PATTERNS NoSQL FOR BIG DATA SEARCH, HIGH AVAILABILITY, AND SECURITY CHOOSING AN ARCHITECTURE ABOUT THE AUTHORS DAN McCREARY AND ANN KELLY LEAD AN INDEPENDENT TRAINING AND CONSULTANCY FIRM FOCUSED ON NoSQL SOLUTIONS AND ARE COFOUNDERS OF THE NoSQL Now! CONFERENCE. TABLE OF CONTENTS PART 1 INTRODUCTION NoSQL: IT'S ABOUT MAKING INTELLIGENT CHOICES NoSQL CONCEPTS PART 2 DATABASE PATTERNS FOUNDATIONAL DATA ARCHITECTURE PATTERNS NoSQL DATA ARCHITECTURE PATTERNS NATIVE XML DATABASES PART 3 NOSQL SOLUTIONS Using NoSQL TO MANAGE BIG DATA FINDING INFORMATION WITH NoSQL SEARCH BUILDING HIGH-AVAILABILITY SOLUTIONS WITH NoSQL INCREASING AGILITY WITH NoSQL PART 4 ADVANCED TOPICS NoSQL AND FUNCTIONAL PROGRAMMING SECURITY: PROTECTING DATA IN YOUR NoSQL SYSTEMS SELECTING THE RIGHT NoSQL SOLUTION

APACHE SOLR SEARCH PATTERNS - JAYANT KUMAR 2015-04-24

THIS BOOK IS FOR DEVELOPERS WHO ALREADY KNOW HOW TO USE SOLR AND ARE LOOKING AT PROCURING ADVANCED STRATEGIES FOR IMPROVING THEIR SEARCH USING SOLR. THIS BOOK IS ALSO FOR PEOPLE WHO WORK WITH ANALYTICS TO GENERATE GRAPHS AND REPORTS USING SOLR. MOREOVER, IF YOU ARE A SEARCH ARCHITECT WHO IS LOOKING FORWARD TO SCALE YOUR SEARCH USING SOLR, THIS IS A MUST HAVE BOOK FOR YOU. IT WOULD BE HELPFUL IF YOU ARE FAMILIAR WITH THE JAVA PROGRAMMING LANGUAGE.

APACHE SOLR SUCCINCTLY - XAVIER MORERA 2017-02-01

SEARCH IS EVERYWHERE, YET IT IS ONE OF THE MOST MISUNDERSTOOD FUNCTIONALITIES OF THE IT INDUSTRY. IN APACHE SOLR SUCCINCTLY, AUTHOR XAVIER MORERA GUIDES YOU THROUGH THE BASICS OF THIS HIGHLY POPULAR ENTERPRISE SEARCH TOOL. YOU'LL LEARN HOW TO SET UP AN INDEX AND HOW TO MAKE IT SEARCHABLE, THEN QUERY IT WITH A SIMPLE ENTERPRISE SEARCH. EXPLANATIONS FOR PRECISION AND RECALL ARE ALSO INCLUDED TO HELP YOU ENSURE THAT RELEVANT, ACCURATE RESULTS HAVE BEEN RETURNED.

CUSTOM UIs USING SOLRITAS AND SOLRNET ARE ALSO COVERED.

BUILDING SEARCH APPLICATIONS - MANU KONCHADY 2008

LUCENE, LINGPIPE, AND GATE ARE POPULAR OPEN SOURCE TOOLS TO BUILD POWERFUL SEARCH APPLICATIONS. BUILDING SEARCH APPLICATIONS DESCRIBES FUNCTIONS FROM LUCENE THAT INCLUDE INDEXING, SEARCHING, RANKING, AND SPELLING CORRECTION TO BUILD SEARCH ENGINES. WITH THIS BOOK YOU WILL LEARN TO: EXTRACT TOKENS FROM TEXT USING CUSTOM TOKENIZERS AND ANALYZERS FROM LUCENE, LINGPIPE, AND GATE. CONSTRUCT A SEARCH ENGINE INDEX WITH AN OPTIONAL BACKEND DATABASE TO MANAGE LARGE DOCUMENT COLLECTIONS. EXPLORE THE WIDE RANGE OF LUCENE QUERIES TO SEARCH AN INDEX, UNDERSTAND THE RANKING ALGORITHM FOR A QUERY, AND SUGGEST SPELLING CORRECTIONS. FIND THE NAMES OF PEOPLE, PLACES, AND OTHER ENTITIES IN TEXT USING LINGPIPE AND GATE. CATEGORIZE DOCUMENTS BY TOPIC USING CLASSIFIERS AND BUILD GROUPS OF SELF-ORGANIZED DOCUMENTS USING CLUSTERING ALGORITHMS FROM LINGPIPE. CREATE A WEB CRAWLER TO SCAN THE WEB, INTRANET, OR DESKTOP USING NUTCH. TRACK THE SENTIMENT OF ARTICLES PUBLISHED ON THE WEB WITH LINGPIPE.

DEEP LEARNING FOR SEARCH - TOMMASO TEOFILI 2019-06-02

SUMMARY DEEP LEARNING FOR SEARCH TEACHES YOU HOW TO IMPROVE THE EFFECTIVENESS OF YOUR SEARCH BY IMPLEMENTING NEURAL NETWORK-BASED TECHNIQUES. BY THE TIME YOU'RE FINISHED WITH THE BOOK, YOU'LL BE READY TO BUILD AMAZING SEARCH ENGINES THAT DELIVER THE RESULTS YOUR USERS NEED AND THAT GET BETTER AS TIME GOES ON! FOREWORD BY CHRIS MATTMANN. PURCHASE OF THE PRINT BOOK INCLUDES A FREE eBook IN PDF, KINDLE, AND ePub FORMATS FROM MANNING PUBLICATIONS. ABOUT THE TECHNOLOGY

DEEP LEARNING HANDLES THE TOUGHEST SEARCH CHALLENGES, INCLUDING IMPRECISE SEARCH TERMS, BADLY INDEXED DATA, AND RETRIEVING IMAGES WITH MINIMAL METADATA. AND WITH MODERN TOOLS LIKE DL4J AND TENSORFLOW, YOU CAN APPLY POWERFUL DL TECHNIQUES WITHOUT A DEEP BACKGROUND IN DATA SCIENCE OR NATURAL LANGUAGE PROCESSING (NLP). THIS BOOK WILL SHOW YOU HOW.

ABOUT THE BOOK DEEP LEARNING FOR SEARCH TEACHES YOU TO IMPROVE YOUR SEARCH RESULTS WITH NEURAL NETWORKS. YOU'LL REVIEW HOW DL RELATES TO SEARCH BASICS LIKE INDEXING AND RANKING. THEN, YOU'LL WALK THROUGH IN-DEPTH EXAMPLES TO UPGRADE YOUR SEARCH WITH DL TECHNIQUES USING APACHE LUCENE AND DEEPLARNING4J. AS THE BOOK PROGRESSES, YOU'LL EXPLORE ADVANCED TOPICS LIKE SEARCHING THROUGH IMAGES, TRANSLATING USER QUERIES, AND DESIGNING SEARCH ENGINES THAT IMPROVE AS THEY LEARN! WHAT'S INSIDE ACCURATE AND RELEVANT RANKINGS SEARCHING ACROSS LANGUAGES CONTENT-BASED IMAGE SEARCH SEARCH WITH RECOMMENDATIONS ABOUT THE READER FOR DEVELOPERS COMFORTABLE WITH JAVA OR A SIMILAR LANGUAGE AND SEARCH BASICS. NO EXPERIENCE WITH DEEP LEARNING OR NLP NEEDED. ABOUT THE AUTHOR TOMMASO TEOFILI IS A SOFTWARE ENGINEER WITH A PASSION FOR OPEN SOURCE AND MACHINE LEARNING. AS A MEMBER OF THE APACHE SOFTWARE FOUNDATION, HE CONTRIBUTES TO A NUMBER OF OPEN SOURCE PROJECTS, RANGING FROM TOPICS LIKE INFORMATION RETRIEVAL (SUCH AS LUCENE AND SOLR) TO NATURAL LANGUAGE PROCESSING AND MACHINE TRANSLATION (INCLUDING OPENNLP, JOSHUA, AND UIMA). HE CURRENTLY WORKS AT ADOBE, DEVELOPING SEARCH AND INDEXING INFRASTRUCTURE COMPONENTS, AND RESEARCHING THE AREAS OF NATURAL LANGUAGE PROCESSING, INFORMATION RETRIEVAL, AND DEEP LEARNING. HE HAS PRESENTED SEARCH AND MACHINE LEARNING TALKS AT CONFERENCES INCLUDING BERLINBUZZWORDS, INTERNATIONAL CONFERENCE ON COMPUTATIONAL SCIENCE, APACHECON, ECLIPSECON, AND OTHERS. YOU CAN FIND HIM ON TWITTER AT ATTTEOFILI. TABLE OF CONTENTS PART 1 - SEARCH MEETS DEEP LEARNING NEURAL SEARCH GENERATING SYNONYMS PART 2 - THROWING NEURAL NETS AT A SEARCH ENGINE FROM PLAIN RETRIEVAL TO TEXT GENERATION MORE-SENSITIVE QUERY SUGGESTIONS RANKING SEARCH RESULTS WITH WORD EMBEDDINGS DOCUMENT EMBEDDINGS FOR RANKINGS AND RECOMMENDATIONS PART 3 - ONE STEP BEYOND SEARCHING ACROSS LANGUAGES CONTENT-BASED IMAGE SEARCH A PEEK AT PERFORMANCE

E-BOOK PLATFORMS FOR LIBRARIES - MIRELA RONCEVIC 2014-01-01

E-BOOK VENDORS CONTINUE TO EXPERIMENT: ADJUSTMENTS TO BUSINESS MODELS, CONSOLIDATION OF CONTENT, AND MERGERS WITH COMPETITORS MEAN CONSTANT CHANGE.

APACHE SOLR PHP INTEGRATION - JAYANT KUMAR 2013-11-25

THIS BOOK IS FULL OF STEP-BY-STEP EXAMPLE-ORIENTED TUTORIALS WHICH WILL SHOW READERS HOW TO INTEGRATE SOLR IN PHP APPLICATIONS USING THE AVAILABLE LIBRARIES, AND BOOST THE INHERENT SEARCH FACILITIES THAT SOLR OFFERS. IF YOU ARE A DEVELOPER WHO KNOWS PHP AND IS INTERESTED IN INTEGRATING SEARCH INTO YOUR APPLICATIONS, THIS IS THE BOOK FOR YOU. NO ADVANCED KNOWLEDGE OF SOLR IS REQUIRED. VERY BASIC KNOWLEDGE OF SYSTEM COMMANDS AND THE COMMAND-LINE INTERFACE ON BOTH LINUX AND WINDOWS IS REQUIRED. YOU SHOULD ALSO BE FAMILIAR WITH THE CONCEPT OF WEB SERVERS.

APACHE SOLR FOR INDEXING DATA - SACHIN HANDIEKAR 2015-12-28

ENHANCE YOUR SOLR INDEXING EXPERIENCE WITH ADVANCED TECHNIQUES AND THE BUILT-IN FUNCTIONALITIES AVAILABLE IN APACHE SOLR ABOUT THIS BOOK LEARN ABOUT DISTRIBUTED INDEXING AND REAL-TIME OPTIMIZATION TO CHANGE INDEX DATA ON FLY INDEX DATA FROM VARIOUS SOURCES AND WEB CRAWLERS USING BUILT-IN ANALYZERS AND TOKENIZERS THIS STEP-BY-STEP GUIDE IS PACKED WITH REAL-LIFE EXAMPLES ON INDEXING DATA WHO THIS BOOK IS FOR THIS BOOK IS FOR DEVELOPERS WHO WANT TO INCREASE THEIR EXPERIENCE OF INDEXING IN SOLR BY LEARNING ABOUT THE VARIOUS INDEX HANDLERS, ANALYZERS, AND METHODS AVAILABLE IN SOLR. BEGINNER LEVEL SOLR DEVELOPMENT SKILLS ARE EXPECTED. WHAT YOU WILL LEARN GET TO KNOW THE BASIC FEATURES OF SOLR INDEXING AND THE ANALYZERS/TOKENIZERS AVAILABLE INDEX XML/JSON DATA IN SOLR USING THE HTTP POST TOOL AND CURL COMMAND WORK WITH DATA IMPORT HANDLER TO INDEX DATA FROM A DATABASE USE APACHE TIKA WITH SOLR TO INDEX WORD DOCUMENTS, PDFs, AND MUCH MORE UTILIZE APACHE NUTCH AND SOLR INTEGRATION TO INDEX CRAWLED DATA FROM WEB PAGES UPDATE INDEXES IN REAL-TIME DATA FEEDS DISCOVER TECHNIQUES TO INDEX MULTI-LANGUAGE AND DISTRIBUTED DATA IN SOLR COMBINE THE VARIOUS INDEXING TECHNIQUES INTO A REAL-LIFE WORKING EXAMPLE OF AN ONLINE SHOPPING WEB APPLICATION IN DETAIL APACHE SOLR IS A WIDELY USED, OPEN SOURCE ENTERPRISE SEARCH SERVER THAT DELIVERS POWERFUL INDEXING AND SEARCHING FEATURES. THESE FEATURES HELP FETCH RELEVANT INFORMATION FROM VARIOUS SOURCES AND DOCUMENTATION. SOLR ALSO COMBINES WITH OTHER OPEN SOURCE TOOLS SUCH AS APACHE TIKA AND APACHE NUTCH TO PROVIDE MORE POWERFUL FEATURES. THIS FAST-PACED GUIDE STARTS BY HELPING YOU SET UP SOLR AND GET ACQUAINTED WITH ITS BASIC BUILDING BLOCKS, TO GIVE YOU A BETTER UNDERSTANDING OF SOLR INDEXING. YOU'LL QUICKLY MOVE ON TO INDEXING TEXT AND BOOSTING THE INDEXING TIME. NEXT, YOU'LL FOCUS ON BASIC INDEXING TECHNIQUES, VARIOUS INDEX HANDLERS DESIGNED TO MODIFY DOCUMENTS, AND INDEXING A STRUCTURED DATA SOURCE THROUGH DATA IMPORT HANDLER. MOVING ON, YOU WILL LEARN TECHNIQUES TO PERFORM REAL-TIME INDEXING AND ATOMIC UPDATES, AS WELL AS MORE ADVANCED INDEXING TECHNIQUES SUCH AS DE-DUPLICATION. LATER ON, WE'LL HELP YOU SET UP A CLUSTER OF SOLR SERVERS THAT COMBINE FAULT TOLERANCE AND HIGH AVAILABILITY. YOU WILL ALSO GAIN INSIGHTS INTO WORKING SCENARIOS OF DIFFERENT ASPECTS OF SOLR AND HOW TO USE SOLR WITH E-COMMERCE DATA. BY THE END OF THE BOOK, YOU WILL BE COMPETENT AND CONFIDENT WORKING WITH INDEXING AND WILL HAVE A GOOD KNOWLEDGE BASE TO EFFICIENTLY PROGRAM ELEMENTS. STYLE AND APPROACH THIS FAST-PACED GUIDE IS PACKED WITH EXAMPLES THAT ARE WRITTEN IN AN EASY-TO-FOLLOW STYLE, AND ARE ACCOMPANIED BY DETAILED EXPLANATION. WORKING EXAMPLES ARE INCLUDED TO HELP YOU GET BETTER RESULTS FOR YOUR APPLICATIONS.

INTRODUCTION TO SEARCH WITH SPHINX - ANDREW AKSYONOFF 2011-04-20

THIS CONCISE INTRODUCTION TO SPHINX SHOWS YOU HOW TO USE THIS FREE SOFTWARE TO INDEX AN ENORMOUS NUMBER OF DOCUMENTS AND PROVIDE FAST RESULTS TO BOTH SIMPLE AND COMPLEX SEARCHES. WRITTEN BY THE CREATOR OF SPHINX, THIS

AUTHORITATIVE BOOK IS SHORT AND TO THE POINT. UNDERSTAND THE PARTICULAR WAY SPHINX CONDUCTS SEARCHES INSTALL AND CONFIGURE SPHINX, AND RUN A FEW BASIC TESTS ISSUE BASIC QUERIES TO SPHINX AT THE APPLICATION LEVEL LEARN THE SYNTAX OF SEARCH TEXT AND THE EFFECTS OF VARIOUS SEARCH OPTIONS GET STRATEGIES FOR DEALING WITH LARGE DATA SETS, SUCH AS MULTI-INDEX SEARCHING APPLY RELEVANCE AND RANKING GUIDELINES FOR PRESENTING BEST RESULTS TO THE USER

LEARNING TO RANK FOR INFORMATION RETRIEVAL - Tie-Yan Liu 2011-04-29

DUE TO THE FAST GROWTH OF THE WEB AND THE DIFFICULTIES IN FINDING DESIRED INFORMATION, EFFICIENT AND EFFECTIVE INFORMATION RETRIEVAL SYSTEMS HAVE BECOME MORE IMPORTANT THAN EVER, AND THE SEARCH ENGINE HAS BECOME AN ESSENTIAL TOOL FOR MANY PEOPLE. THE RANKER, A CENTRAL COMPONENT IN EVERY SEARCH ENGINE, IS RESPONSIBLE FOR THE MATCHING BETWEEN PROCESSED QUERIES AND INDEXED DOCUMENTS. BECAUSE OF ITS CENTRAL ROLE, GREAT ATTENTION HAS BEEN PAID TO THE RESEARCH AND DEVELOPMENT OF RANKING TECHNOLOGIES. IN ADDITION, RANKING IS ALSO PIVOTAL FOR MANY OTHER INFORMATION RETRIEVAL APPLICATIONS, SUCH AS COLLABORATIVE FILTERING, DEFINITION RANKING, QUESTION ANSWERING, MULTIMEDIA RETRIEVAL, TEXT SUMMARIZATION, AND ONLINE ADVERTISEMENT. LEVERAGING MACHINE LEARNING TECHNOLOGIES IN THE RANKING PROCESS HAS LED TO INNOVATIVE AND MORE EFFECTIVE RANKING MODELS, AND EVENTUALLY TO A COMPLETELY NEW RESEARCH AREA CALLED "LEARNING TO RANK". LIU FIRST GIVES A COMPREHENSIVE REVIEW OF THE MAJOR APPROACHES TO LEARNING TO RANK. FOR EACH APPROACH HE PRESENTS THE BASIC FRAMEWORK, WITH EXAMPLE ALGORITHMS, AND HE DISCUSSES ITS ADVANTAGES AND DISADVANTAGES. HE CONTINUES WITH SOME RECENT ADVANCES IN LEARNING TO RANK THAT CANNOT BE SIMPLY CATEGORIZED INTO THE THREE MAJOR APPROACHES - THESE INCLUDE RELATIONAL RANKING, QUERY-DEPENDENT RANKING, TRANSFER RANKING, AND SEMISUPERVISED RANKING. HIS PRESENTATION IS COMPLETED BY SEVERAL EXAMPLES THAT APPLY THESE TECHNOLOGIES TO SOLVE REAL INFORMATION RETRIEVAL PROBLEMS, AND BY THEORETICAL DISCUSSIONS ON GUARANTEES FOR RANKING PERFORMANCE. THIS BOOK IS WRITTEN FOR RESEARCHERS AND GRADUATE STUDENTS IN BOTH INFORMATION RETRIEVAL AND MACHINE LEARNING. THEY WILL FIND HERE THE ONLY COMPREHENSIVE DESCRIPTION OF THE STATE OF THE ART IN A FIELD THAT HAS DRIVEN THE RECENT ADVANCES IN SEARCH ENGINE DEVELOPMENT.

COMPUTATIONAL ANALYSIS AND UNDERSTANDING OF NATURAL LANGUAGES: PRINCIPLES, METHODS AND APPLICATIONS - 2018-08-27

COMPUTATIONAL ANALYSIS AND UNDERSTANDING OF NATURAL LANGUAGES: PRINCIPLES, METHODS AND APPLICATIONS, VOLUME 38, THE LATEST RELEASE IN THIS MONOGRAPH THAT PROVIDES A COHESIVE AND INTEGRATED EXPOSITION OF THESE ADVANCES AND ASSOCIATED APPLICATIONS, INCLUDES NEW CHAPTERS ON LINGUISTICS: CORE CONCEPTS AND PRINCIPLES, GRAMMARS, OPEN-SOURCE LIBRARIES, APPLICATION FRAMEWORKS, WORKFLOW SYSTEMS, MATHEMATICAL ESSENTIALS, PROBABILITY, INFERENCE AND PREDICTION METHODS, RANDOM PROCESSES, BAYESIAN METHODS, MACHINE LEARNING, ARTIFICIAL NEURAL NETWORKS FOR NATURAL LANGUAGE PROCESSING, INFORMATION RETRIEVAL, LANGUAGE CORE TASKS, LANGUAGE UNDERSTANDING APPLICATIONS, AND MORE. THE SYNERGISTIC CONFLUENCE OF LINGUISTICS, STATISTICS, BIG DATA, AND HIGH-PERFORMANCE COMPUTING IS THE UNDERLYING FORCE FOR THE RECENT AND DRAMATIC ADVANCES IN ANALYZING AND UNDERSTANDING NATURAL LANGUAGES, HENCE MAKING THIS SERIES ALL THE MORE IMPORTANT. PROVIDES A THOROUGH TREATMENT OF OPEN-SOURCE LIBRARIES, APPLICATION FRAMEWORKS AND WORKFLOW SYSTEMS FOR NATURAL LANGUAGE ANALYSIS AND UNDERSTANDING PRESENTS NEW CHAPTERS ON LINGUISTICS: CORE CONCEPTS AND PRINCIPLES, GRAMMARS, OPEN-SOURCE LIBRARIES, APPLICATION FRAMEWORKS, WORKFLOW SYSTEMS, MATHEMATICAL ESSENTIALS, PROBABILITY, AND MORE

INTEROPERABILITY AND RETRIEVAL - Mukhopadhyay, Parthasarathi 2015-04-27

RELEVANT SEARCH - Doug Turnbull 2016-07-09

SUMMARY RELEVANT SEARCH DEMYSTIFIES RELEVANCE WORK. USING ELASTICSEARCH, IT TEACHES YOU HOW TO RETURN ENGAGING SEARCH RESULTS TO YOUR USERS, HELPING YOU UNDERSTAND AND LEVERAGE THE INTERNALS OF LUCENE-BASED SEARCH ENGINES. PURCHASE OF THE PRINT BOOK INCLUDES A FREE eBook IN PDF, KINDLE, AND EPUB FORMATS FROM MANNING PUBLICATIONS. ABOUT THE TECHNOLOGY USERS ARE ACCUSTOMED TO AND EXPECT INSTANT, RELEVANT SEARCH RESULTS. TO ACHIEVE THIS, YOU MUST MASTER THE SEARCH ENGINE. YET FOR MANY DEVELOPERS, RELEVANCE RANKING IS MYSTERIOUS OR CONFUSING. ABOUT THE BOOK RELEVANT SEARCH DEMYSTIFIES THE SUBJECT AND SHOWS YOU THAT A SEARCH ENGINE IS A PROGRAMMABLE RELEVANCE FRAMEWORK. YOU'LL LEARN HOW TO APPLY ELASTICSEARCH OR SOLR TO YOUR BUSINESS'S UNIQUE RANKING PROBLEMS. THE BOOK DEMONSTRATES HOW TO PROGRAM RELEVANCE AND HOW TO INCORPORATE SECONDARY DATA SOURCES, TAXONOMIES, TEXT ANALYTICS, AND PERSONALIZATION. IN PRACTICE, A RELEVANCE FRAMEWORK REQUIRES SOFTER SKILLS AS WELL, SUCH AS COLLABORATING WITH STAKEHOLDERS TO DISCOVER THE RIGHT RELEVANCE REQUIREMENTS FOR YOUR BUSINESS. BY THE END, YOU'LL BE ABLE TO ACHIEVE A VIRTUOUS CYCLE OF PROVABLE, MEASURABLE RELEVANCE IMPROVEMENTS OVER A SEARCH PRODUCT'S LIFETIME. WHAT'S INSIDE TECHNIQUES FOR DEBUGGING RELEVANCE? APPLYING SEARCH ENGINE FEATURES TO REAL PROBLEMS? USING THE USER INTERFACE TO GUIDE SEARCHERS? A SYSTEMATIC APPROACH TO RELEVANCE? A BUSINESS CULTURE FOCUSED ON IMPROVING SEARCH ABOUT THE READER FOR DEVELOPERS TRYING TO BUILD SMARTER SEARCH WITH ELASTICSEARCH OR SOLR. ABOUT THE AUTHORS DOUG TURNBULL IS LEAD RELEVANCE CONSULTANT AT OPENSOURCE CONNECTIONS, WHERE HE FREQUENTLY SPEAKS AND BLOGS. JOHN BERRYMAN IS A DATA ENGINEER AT EVENTBRITE, WHERE HE SPECIALIZES IN RECOMMENDATIONS AND SEARCH. FOREWORD AUTHOR, TREY GRAINGER, IS A DIRECTOR OF ENGINEERING AT CAREERBUILDER AND AUTHOR OF SOLR IN ACTION. TABLE OF CONTENTS THE SEARCH RELEVANCE PROBLEM SEARCH UNDER THE HOOD DEBUGGING YOUR FIRST RELEVANCE PROBLEM TAMING TOKENS BASIC MULTIFIELD SEARCH TERM-CENTRIC SEARCH SHAPING THE RELEVANCE FUNCTION PROVIDING RELEVANCE FEEDBACK DESIGNING A RELEVANCE-FOCUSED SEARCH APPLICATION THE RELEVANCE-CENTERED ENTERPRISE SEMANTIC AND PERSONALIZED SEARCH

HIBERNATE SEARCH IN ACTION - Emmanuel Bernard 2008-12-20

ENTERPRISE AND WEB APPLICATIONS REQUIRE FULL-FEATURED, "GOOGLE-QUALITY" SEARCHCAPABILITIES, BUT SUCH FEATURES ARE NOTORIOUSLY DIFFICULT TO IMPLEMENT AND MAINTAIN.HIBERNATE SEARCH BUILDS ON THE LUCENE FEATURE SET AND OFFERS AN EASY-TO-IMPLEMENT INTERFACE THAT INTEGRATES SEAMLESSLY WITH HIBERNATE-THE LEADINGDATA PERSISTENCE SOLUTION FOR JAVA APPLICATIONS. HIBERNATE SEARCH IN ACTION INTRODUCES BOTH THE PRINCIPLES OF ENTERPRISE SEARCHAND THE IMPLEMENTATION DETAILS A JAVA DEVELOPER WILL NEED TO USE HIBERNATESEARCH EFFECTIVELY. THIS BOOK BLENDS THE INSIGHTS OF THE HIBERNATE SEARCH LEADDEVELOPER WITH THE PRACTICAL TECHNIQUES REQUIRED TO INDEX AND MANIPULATE DATA,ASSEMBLE AND EXECUTE SEARCH QUERIES, AND CREATE SMART FILTERS FOR BETTER SEARCHRESULTS. ALONG THE WAY, THE READER MASTERS PERFORMANCE-BOOSTING CONCEPTS LIKEUSING HIBERNATE SEARCH IN A CLUSTERED ENVIRONMENT AND INTEGRATING WITH THEFEATURES ALREADY IN YOUR APPLICATIONS. THIS BOOK ASSUMES YOU'RE A COMPETENT JAVA DEVELOPER WITH SOME EXPERIENCEUSING HIBERNATE AND 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.

SEARCH PATTERNS - Peter Morville 2010-01-14

WHAT PEOPLE ARE SAYING ABOUT SEARCH PATTERNS "SEARCH PATTERNS IS A DELIGHT TO READ -- VERY THOUGHTFUL AND THOUGHT PROVOKING. IT'S THE MOST COMPREHENSIVE SURVEY OF DESIGNING EFFECTIVE SEARCH EXPERIENCES I'VE SEEN." --IRENE AU, DIRECTOR OF USER EXPERIENCE, GOOGLE "I LOVE THIS BOOK! THANKS TO PETER AND JEFFERY, I NOW KNOW THAT SEARCH (YES, BORING OLD YUCKY WHO CARES SEARCH) IS ONE OF THE COOLEST WAYS AROUND OF LOOKING AT THE WORLD." --DAN ROAM, AUTHOR, THE BACK OF THE NAPKIN (PORTFOLIO HARDCOVER) "SEARCH PATTERNS IS A PLAYFUL GUIDE TO THE PRACTICAL CONCERNS OF SEARCH INTERFACE DESIGN. IT CONTAINS A BONANZA OF SCREENSHOTS AND ILLUSTRATIONS THAT CAPTURE THE BEST OF TODAY'S DESIGN PRACTICES AND PRESENTS A FRESH PERSPECTIVE ON THE BROADER ROLE OF SEARCH AND DISCOVERY." --MARTI HEARST, PROFESSOR, UC BERKELEY AND AUTHOR, SEARCH USER INTERFACES (CAMBRIDGE UNIVERSITY PRESS) "IT'S NOT OFTEN I COME ACROSS A BOOK THAT ASKS PROFOUND QUESTIONS ABOUT A FUNDAMENTAL HUMAN ACTIVITY, AND THEN PROCEEDS TO ANSWER THOSE QUESTIONS WITH PRACTICAL OBSERVATIONS AND SUGGESTIONS. SEARCH PATTERNS IS AN EXPEDITION INTO THE HEART OF THE WEB AND HUMAN COGNITION, AND FOR ME IT WAS A DELIGHTFUL JOURNEY THAT DELIVERED SCORES OF INSIGHTS." --DAVE GRAY, FOUNDER AND CHAIRMAN, XPLANE "SEARCH IS SWIFTLY TRANSFORMING EVERYTHING WE KNOW, YET PEOPLE DON'T UNDERSTAND HOW MAVENS DESIGN SEARCH: BY STACKING BREADCRUMBS, SCENTING WIDGETS, AND KEEPING EYEBALLS ON THE ENGINE. I URGE YOU TO PUT YOUR EYEBALLS ON THIS UNIQUE AND IMPORTANT BOOK." --BRUCE STERLING, WRITER, FUTURIST, AND CO-FOUNDER, THE ELECTRONIC FRONTIER FOUNDATION "AS ONE WHO SEARCHES A LOT (AND OFTEN ENDS UP FRUSTRATED), SEARCH PATTERNS IS A REVELATION." --NIGEL HOLMES, DESIGNER, THEORIST, AND PRINCIPAL, EXPLANATION GRAPHICS "SEARCH PATTERNS IS A FABULOUS MUST-HAVE BOOK! INSIDE, YOU'LL LEARN THE WHYS AND WHERE'S OF PRACTICALLY EVERY MODERN SEARCH DESIGN TRICK AND TECHNIQUE." --JARED SPOOL, CEO AND FOUNDER, USER INTERFACE ENGINEERING SEARCH IS AMONG THE MOST DISRUPTIVE INNOVATIONS OF OUR TIME. IT INFLUENCES WHAT WE BUY AND WHERE WE GO. IT SHAPES HOW WE LEARN AND WHAT WE BELIEVE. IN THIS PROVOCATIVE AND INSPIRING BOOK, YOU'LL EXPLORE DESIGN PATTERNS THAT APPLY ACROSS THE CATEGORIES OF WEB, ECOMMERCE, ENTERPRISE, DESKTOP, MOBILE, SOCIAL, AND REAL-TIME SEARCH AND DISCOVERY. FILLED WITH COLORFUL ILLUSTRATIONS AND EXAMPLES, SEARCH PATTERNS BRINGS MODERN INFORMATION RETRIEVAL TO LIFE, COVERING SUCH DIVERSE TOPICS AS RELEVANCE, FACETED NAVIGATION, MULTI-TOUCH, PERSONALIZATION, VISUALIZATION, MULTI-SENSORY SEARCH, AND AUGMENTED REALITY. BY DRAWING ON THEIR OWN EXPERIENCE-AS WELL AS BEST PRACTICES AND EVIDENCE-BASED RESEARCH-THE AUTHORS NOT ONLY OFFER A PRACTICAL GUIDE TO HELP YOU BUILD EFFECTIVE SEARCH APPLICATIONS, THEY ALSO CHALLENGE YOU TO IMAGINE THE FUTURE OF DISCOVERY. YOU'LL FIND SEARCH PATTERNS INTRIGUING AND INVALUABLE, WHETHER YOU'RE A WEB PRACTITIONER, MOBILE DESIGNER, SEARCH ENTREPRENEUR, OR JUST INTERESTED IN THE TOPIC. DISCOVER A PATTERN LANGUAGE FOR SEARCH THAT EMBRACES USER PSYCHOLOGY AND BEHAVIOR, INFORMATION ARCHITECTURE, INTERACTION DESIGN, AND EMERGING TECHNOLOGY BOOST ENTERPRISE EFFICIENCY AND E-COMMERCE SALES ENABLE MOBILE USERS TO ACHIEVE GOALS, COMPLETE TASKS, AND FIND WHAT THEY NEED DRIVE DESIGN INNOVATION FOR SEARCH INTERFACES AND APPLICATIONS

TAMING TEXT - Grant Ingersoll 2012-12-20

SUMMARY TAMING TEXT, WINNER OF THE 2013 JOLT AWARDS FOR PRODUCTIVITY, IS A HANDS-ON, EXAMPLE-DRIVEN GUIDE TO WORKING WITH UNSTRUCTURED TEXT IN THE CONTEXT OF REAL-WORLD APPLICATIONS. THIS BOOK EXPLORES HOW TO AUTOMATICALLY ORGANIZE TEXT USING APPROACHES SUCH AS FULL-TEXT SEARCH, PROPER NAME RECOGNITION, CLUSTERING, TAGGING, INFORMATION EXTRACTION, AND SUMMARIZATION. THE BOOK GUIDES YOU THROUGH EXAMPLES ILLUSTRATING EACH OF THESE TOPICS, AS WELL AS THE FOUNDATIONS UPON WHICH THEY ARE BUILT. ABOUT THIS BOOK THERE IS SO MUCH TEXT IN OUR LIVES, WE ARE PRACTICALLY DROWNINGIN IT. FORTUNATELY, THERE ARE INNOVATIVE TOOLS AND TECHNIQUESFOR MANAGING UNSTRUCTURED INFORMATION THAT CAN THROW THESMART DEVELOPER A MUCH-NEEDED LIFELINE. YOU'LL FIND THEM IN THISBOOK. TAMING TEXT IS A PRACTICAL, EXAMPLE-DRIVEN GUIDE TO WORKING WITHTEXT IN REAL APPLICATIONS. THIS BOOK INTRODUCES YOU TO USEFUL TECHNIQUES LIKE FULL-TEXT SEARCH, PROPER NAME RECOGNITION,CLUSTERING, TAGGING, INFORMATION EXTRACTION, AND SUMMARIZATION.YOU'LL EXPLORE REAL USE CASES AS YOU SYSTEMATICALLY ABSORB THEFOUNDATIONS UPON WHICH THEY ARE BUILT.WRITTEN IN A CLEAR AND CONCISE STYLE, THIS BOOK AVOIDS JARGON, EXPLAININGTHE SUBJECT IN TERMS YOU CAN UNDERSTAND WITHOUT A BACKGROUNDIN STATISTICS OR NATURAL LANGUAGE PROCESSING. EXAMPLES AREIN JAVA, BUT THE CONCEPTS CAN BE APPLIED IN ANY LANGUAGE. WRITTEN FOR JAVA DEVELOPERS, THE BOOK REQUIRES NO PRIOR KNOWLEDGE OF GWT. 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. WINNER OF 2013 JOLT AWARDS: THE BEST BOOKS—ONE OF FIVE NOTABLE BOOKS EVERY SERIOUS PROGRAMMER SHOULD READ. WHAT'S INSIDE WHEN TO USE TEXT-TAMING TECHNIQUES IMPORTANT OPEN-SOURCE LIBRARIES LIKE SOLR AND MAHOUT HOW TO BUILD TEXT-PROCESSING APPLICATIONS ABOUT THE AUTHORS GRANT INGERSOLL IS AN ENGINEER, SPEAKER, AND TRAINER, A LUCENECOMMITTEE, AND A COFOUNDER OF THE MAHOUT

MACHINE-LEARNING PROJECT. THOMAS MORTON IS THE PRIMARY DEVELOPER OF OPENNLP AND MAXIMUM ENTROPY. DREW FARRIS IS A TECHNOLOGY CONSULTANT, SOFTWARE DEVELOPER, AND CONTRIBUTOR TO MAHOUT, LUCENE, AND SOLR. "TAKES THE MYSTERY OUT OF VERY COMPLEX PROCESSES."—FROM THE FOREWORD BY LIZ LIDDY, DEAN, SCHOOL, SYRACUSE UNIVERSITY

TABLE OF CONTENTS
GETTING STARTED
TAMING TEXT
FOUNDATIONS OF TAMING TEXT
SEARCHING FUZZY STRING MATCHING
IDENTIFYING PEOPLE, PLACES, AND THINGS
CLUSTERING TEXT
CLASSIFICATION, CATEGORIZATION, AND TAGGING
BUILDING AN EXAMPLE QUESTION ANSWERING SYSTEM
UNTAMED TEXT: EXPLORING THE NEXT FRONTIER

RELEVANT SEARCH - JOHN BERRYMAN 2016-06-19

SUMMARY RELEVANT SEARCH DEMYSTIFIES RELEVANCE WORK. USING ELASTICSEARCH, IT TEACHES YOU HOW TO RETURN ENGAGING SEARCH RESULTS TO YOUR USERS, HELPING YOU UNDERSTAND AND LEVERAGE THE INTERNALS OF LUCENE-BASED SEARCH ENGINES. PURCHASE OF THE PRINT BOOK INCLUDES A FREE eBook IN PDF, KINDLE, AND EPUB FORMATS FROM MANNING PUBLICATIONS. ABOUT THE TECHNOLOGY USERS ARE ACCUSTOMED TO AND EXPECT INSTANT, RELEVANT SEARCH RESULTS. TO ACHIEVE THIS, YOU MUST MASTER THE SEARCH ENGINE. YET FOR MANY DEVELOPERS, RELEVANCE RANKING IS MYSTERIOUS OR CONFUSING. ABOUT THE BOOK RELEVANT SEARCH DEMYSTIFIES THE SUBJECT AND SHOWS YOU THAT A SEARCH ENGINE IS A PROGRAMMABLE RELEVANCE FRAMEWORK. YOU'LL LEARN HOW TO APPLY ELASTICSEARCH OR SOLR TO YOUR BUSINESS'S UNIQUE RANKING PROBLEMS. THE BOOK DEMONSTRATES HOW TO PROGRAM RELEVANCE AND HOW TO INCORPORATE SECONDARY DATA SOURCES, TAXONOMIES, TEXT ANALYTICS, AND PERSONALIZATION. IN PRACTICE, A RELEVANCE FRAMEWORK REQUIRES SOFTER SKILLS AS WELL, SUCH AS COLLABORATING WITH STAKEHOLDERS TO DISCOVER THE RIGHT RELEVANCE REQUIREMENTS FOR YOUR BUSINESS. BY THE END, YOU'LL BE ABLE TO ACHIEVE A VIRTUOUS CYCLE OF PROVABLE, MEASURABLE RELEVANCE IMPROVEMENTS OVER A SEARCH PRODUCT'S LIFETIME. WHAT'S INSIDE TECHNIQUES FOR DEBUGGING RELEVANCE? APPLYING SEARCH ENGINE FEATURES TO REAL PROBLEMS? USING THE USER INTERFACE TO GUIDE SEARCHERS? A SYSTEMATIC APPROACH TO RELEVANCE? A BUSINESS CULTURE FOCUSED ON IMPROVING SEARCH ABOUT THE READER FOR DEVELOPERS TRYING TO BUILD SMARTER SEARCH WITH ELASTICSEARCH OR SOLR. ABOUT THE AUTHORS DOUG TURNBULL IS LEAD RELEVANCE CONSULTANT AT OPENSOURCE CONNECTIONS, WHERE HE FREQUENTLY SPEAKS AND BLOGS. JOHN BERRYMAN IS A DATA ENGINEER AT EVENTBRITE, WHERE HE SPECIALIZES IN RECOMMENDATIONS AND SEARCH. FOREWORD AUTHOR, TREY GRAINGER, IS A DIRECTOR OF ENGINEERING AT CAREERBUILDER AND AUTHOR OF SOLR IN ACTION. TABLE OF CONTENTS THE SEARCH RELEVANCE PROBLEM SEARCH UNDER THE HOOD DEBUGGING YOUR FIRST RELEVANCE PROBLEM TAMING TOKENS BASIC MULTIFIELD SEARCH TERM-CENTRIC SEARCH SHAPING THE RELEVANCE FUNCTION PROVIDING RELEVANCE FEEDBACK DESIGNING A RELEVANCE-FOCUSED SEARCH APPLICATION THE RELEVANCE-CENTERED ENTERPRISE SEMANTIC AND PERSONALIZED SEARCH

SEMANTIC APPLICATIONS - THOMAS HOPPE 2018-04-13

THIS BOOK DESCRIBES METHODOLOGIES FOR DEVELOPING SEMANTIC APPLICATIONS. SEMANTIC APPLICATIONS ARE SOFTWARE APPLICATIONS WHICH EXPLICITLY OR IMPLICITLY USE THE SEMANTICS, I.E. THE MEANING OF A DOMAIN TERMINOLOGY, IN ORDER TO IMPROVE USABILITY, CORRECTNESS, AND COMPLETENESS. AN EXAMPLE IS SEMANTIC SEARCH, WHERE SYNONYMS AND RELATED TERMS ARE USED FOR ENRICHING THE RESULTS OF A SIMPLE TEXT-BASED SEARCH. ONTOLOGIES, THESAURI OR CONTROLLED VOCABULARIES ARE THE CENTERPIECE OF SEMANTIC APPLICATIONS. THE BOOK INCLUDES TECHNOLOGICAL AND ARCHITECTURAL BEST PRACTICES FOR CORPORATE USE. THE AUTHORS ARE EXPERTS FROM INDUSTRY AND ACADEMIA WITH EXPERIENCE IN DEVELOPING SEMANTIC APPLICATIONS.

RELEVANT SEARCH - DOUG BERRYMAN 2016

RELEVANT SEARCH DEMYSTIFIES RELEVANCE WORK. USING ELASTICSEARCH, IT TEACHES YOU HOW TO RETURN ENGAGING SEARCH RESULTS TO YOUR USERS, HELPING YOU UNDERSTAND AND LEVERAGE THE INTERNALS OF LUCENE-BASED SEARCH ENGINES. ABOUT THE TECHNOLOGY USERS ARE ACCUSTOMED TO AND EXPECT INSTANT, RELEVANT SEARCH RESULTS. TO ACHIEVE THIS, YOU MUST MASTER THE SEARCH ENGINE. YET FOR MANY DEVELOPERS, RELEVANCE RANKING IS MYSTERIOUS OR CONFUSING. ABOUT THE BOOK RELEVANT SEARCH DEMYSTIFIES THE SUBJECT AND SHOWS YOU THAT A SEARCH ENGINE IS A PROGRAMMABLE RELEVANCE FRAMEWORK. USING ELASTICSEARCH AND SOLR, IT TEACHES YOU TO EXPRESS YOUR BUSINESS'S RANKING RULES IN THIS FRAMEWORK. YOU'LL DISCOVER HOW TO PROGRAM RELEVANCE AND HOW TO INCORPORATE SECONDARY DATA SOURCES, TAXONOMIES, TEXT ANALYTICS, AND PERSONALIZATION. IN PRACTICE, A RELEVANCE FRAMEWORK REQUIRES SOFTER SKILLS AS WELL, SUCH AS COLLABORATING WITH STAKEHOLDERS TO DISCOVER THE RIGHT RELEVANCE REQUIREMENTS FOR YOUR BUSINESS. BY THE END, YOU'LL BE ABLE TO ACHIEVE A VIRTUOUS CYCLE OF PROVABLE, MEASURABLE RELEVANCE IMPROVEMENTS OVER A SEARCH PRODUCT'S LIFETIME. WHAT'S INSIDE TECHNIQUES FOR DEBUGGING RELEVANCE APPLYING SEARCH ENGINE FEATURES TO REAL PROBLEMS USING THE USER INTERFACE TO GUIDE SEARCHERS A SYSTEMATIC APPROACH TO RELEVANCE A BUSINESS CULTURE FOCUSED ON IMPROVING SEARCH ABOUT THE READER FOR DEVELOPERS TRYING TO BUILD SMARTER SEARCH WITH ELASTICSEARCH OR SOLR. ABOUT THE AUTHORS DOUG TURNBULL IS LEAD RELEVANCE CONSULTANT AT OPENSOURCE CONNECTIONS, WHERE HE FREQUENTLY SPEAKS AND BLOGS. JOHN BERRYMAN IS A DATA ENGINEER AT EVENTBRITE, WHERE HE SPECIALIZES IN RECOMMENDATIONS AND SEARCH.

SPRING DATA STANDARD GUIDE - PETRI KAINULAINEN 2012-11-05

IMPLEMENT JPA REPOSITORIES AND HARNESS THE PERFORMANCE OF REDIS IN YOUR APPLICATIONS.

ENTERPRISE SEARCH - MARTIN WHITE 2015-10-13

IS YOUR ORGANIZATION RAPIDLY ACCUMULATING MORE INFORMATION THAN YOU KNOW HOW TO MANAGE? THIS UPDATED EDITION OF ENTERPRISE SEARCH HELPS YOU CREATE AN ENTERPRISE SEARCH SOLUTION BASED ON MORE THAN JUST TECHNOLOGY. AUTHOR MARTIN WHITE SHOWS YOU HOW TO PLAN AND IMPLEMENT A MANAGED SEARCH ENVIRONMENT THAT MEETS THE NEEDS OF YOUR BUSINESS AND YOUR EMPLOYEES. YOU'LL LEARN WHY IT'S ABSOLUTELY VITAL TO HAVE A DEDICATED STAFF MANAGE YOUR SEARCH TECHNOLOGY AND SUPPORT YOUR USERS. NEW MATERIAL FOR THIS SECOND EDITION INCLUDES MATERIAL ON SHAREPOINT 2013 SEARCH, MANAGING OPEN SOURCE SEARCH DEVELOPMENT, WEBSITE SEARCH, DESIGNING THE SEARCH USER, AND ASSESSING SEARCH PERFORMANCE. CHAPTERS NOW

INCLUDE A FURTHER READING SECTION FOR COMPUTER SCIENCE AND INFORMATION SCIENCE STUDENTS. TOPICS INCLUDE: 10 CRITICAL SUCCESS FACTORS TO ASSESS ORGANIZATIONAL SEARCH MATURITY ESSENTIAL SKILLS NEEDED TO SUPPORT A SUCCESSFUL SEARCH APPLICATION HOW TO SPECIFY AND MANAGE OPEN SOURCE SEARCH DEVELOPMENT HOW TO MANAGE SHAREPOINT 2013 SEARCH METHODS TO ASSESS THE BUSINESS IMPACT OF SEARCH BEST PRACTICES IN USER INTERFACE DESIGN THE IMPORTANCE OF SEARCH FOR WEBSITES WHAT TO INCLUDE IN A SEARCH STRATEGY

DESIGN PATTERNS FOR CLOUD NATIVE APPLICATIONS - KASUN INDRASIRI 2021-05-17

WITH THE IMMENSE COST SAVINGS AND SCALABILITY THE CLOUD PROVIDES, THE RATIONALE FOR BUILDING CLOUD NATIVE APPLICATIONS IS NO LONGER IN QUESTION. THE REAL ISSUE IS HOW. WITH THIS PRACTICAL GUIDE, DEVELOPERS WILL LEARN ABOUT THE MOST COMMONLY USED DESIGN PATTERNS FOR BUILDING CLOUD NATIVE APPLICATIONS USING APIS, DATA, EVENTS, AND STREAMS IN BOTH GREENFIELD AND BROWNFIELD DEVELOPMENT. YOU'LL LEARN HOW TO INCREMENTALLY DESIGN, DEVELOP, AND DEPLOY LARGE AND EFFECTIVE CLOUD NATIVE APPLICATIONS THAT YOU CAN MANAGE AND MAINTAIN AT SCALE WITH MINIMAL COST, TIME, AND EFFORT. AUTHORS KASUN INDRASIRI AND SRISKANDARAJAH SUHOTAYAN HIGHLIGHT USE CASES THAT EFFECTIVELY DEMONSTRATE THE CHALLENGES YOU MIGHT ENCOUNTER AT EACH STEP. LEARN THE FUNDAMENTALS OF CLOUD NATIVE APPLICATIONS EXPLORE KEY CLOUD NATIVE COMMUNICATION, CONNECTIVITY, AND COMPOSITION PATTERNS LEARN DECENTRALIZED DATA MANAGEMENT TECHNIQUES USE EVENT-DRIVEN ARCHITECTURE TO BUILD DISTRIBUTED AND SCALABLE CLOUD NATIVE APPLICATIONS EXPLORE THE MOST COMMONLY USED PATTERNS FOR API MANAGEMENT AND CONSUMPTION EXAMINE SOME OF THE TOOLS AND TECHNOLOGIES YOU'LL NEED FOR BUILDING CLOUD NATIVE SYSTEMS

SEARCHING THE ENTERPRISE - UDO KRUSCHWITZ 2017-07-12

SEARCH HAS BECOME UBIQUITOUS BUT THAT DOES NOT MEAN THAT SEARCH HAS BEEN SOLVED. ENTERPRISE SEARCH, WHICH IS BROADLY SPEAKING THE USE OF INFORMATION RETRIEVAL TECHNOLOGY TO FIND INFORMATION WITHIN ORGANISATIONS, IS A GOOD EXAMPLE TO ILLUSTRATE THIS. IT IS AN AREA THAT IS OF HUGE IMPORTANCE FOR BUSINESSES, YET HAS ATTRACTED RELATIVELY LITTLE ACADEMIC INTEREST. SEARCHING THE ENTERPRISE EXPLORES THE MAIN ISSUES INVOLVED IN ENTERPRISE SEARCH BOTH FROM A RESEARCH AS WELL AS A PRACTICAL POINT OF VIEW. IT FIRST PLOTS THE LANDSCAPE OF ENTERPRISE SEARCH AND ITS LINKS TO RELATED AREAS, WHICH ALLOWS IT TO IDENTIFY KEY FEATURES BEFORE SURVEYING THE FIELD IN MORE DETAIL. THROUGHOUT THE MONOGRAPH, ENTERPRISE SEARCH IS DISCUSSED AS PART OF THE WIDER INFORMATION RETRIEVAL RESEARCH FIELD, AND WEB SEARCH IS USED AS A COMMON REFERENCE POINT AS THIS IS LIKELY THE SEARCH APPLICATION AREA THAT THE AVERAGE READER IS MOST FAMILIAR WITH.

LUCENE IN ACTION - OTIS GOSPODNETIC 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.

ELASTICSEARCH IN ACTION - ROY RUSSO 2015-11-17

SUMMARY ELASTICSEARCH IN ACTION TEACHES YOU HOW TO BUILD SCALABLE SEARCH APPLICATIONS USING ELASTICSEARCH. YOU'LL RAMP UP FAST, WITH AN INFORMATIVE OVERVIEW AND AN ENGAGING INTRODUCTORY EXAMPLE. WITHIN THE FIRST FEW CHAPTERS, YOU'LL PICK UP THE CORE CONCEPTS YOU NEED TO IMPLEMENT BASIC SEARCHES AND EFFICIENT INDEXING. WITH THE FUNDAMENTALS WELL IN HAND, YOU'LL GO ON TO GAIN AN ORGANIZED VIEW OF HOW TO OPTIMIZE YOUR DESIGN. PERFECT FOR DEVELOPERS AND ADMINISTRATORS BUILDING AND MANAGING SEARCH-ORIENTED APPLICATIONS. PURCHASE OF THE PRINT BOOK INCLUDES A FREE eBook IN PDF, KINDLE, AND EPUB FORMATS FROM MANNING PUBLICATIONS. ABOUT THE TECHNOLOGY MODERN SEARCH SEEMS LIKE MAGIC—YOU TYPE A FEW WORDS AND THE SEARCH ENGINE APPEARS TO KNOW WHAT YOU WANT. WITH THE ELASTICSEARCH REAL-TIME SEARCH AND ANALYTICS ENGINE, YOU CAN GIVE YOUR USERS THIS MAGICAL EXPERIENCE WITHOUT HAVING TO DO COMPLEX LOW-LEVEL PROGRAMMING OR UNDERSTAND ADVANCED DATA SCIENCE ALGORITHMS. YOU JUST INSTALL IT, TWEAK IT, AND GET ON WITH YOUR WORK. ABOUT THE BOOK ELASTICSEARCH IN ACTION TEACHES YOU HOW TO WRITE APPLICATIONS THAT DELIVER PROFESSIONAL QUALITY SEARCH. AS YOU READ, YOU'LL LEARN TO ADD BASIC SEARCH FEATURES TO ANY APPLICATION, ENHANCE SEARCH RESULTS WITH PREDICTIVE ANALYSIS AND RELEVANCY RANKING, AND USE SAVED DATA FROM PRIOR SEARCHES TO GIVE USERS A CUSTOM EXPERIENCE. THIS PRACTICAL BOOK FOCUSES ON ELASTICSEARCH'S REST API VIA HTTP. CODE SNIPPETS ARE WRITTEN MOSTLY IN BASH USING cURL, SO THEY'RE EASILY TRANSLATABLE TO OTHER LANGUAGES. WHAT'S INSIDE WHAT IS A GREAT SEARCH APPLICATION? BUILDING SCALABLE SEARCH SOLUTIONS USING ELASTICSEARCH WITH ANY LANGUAGE CONFIGURATION AND TUNING ABOUT THE READER FOR DEVELOPERS AND ADMINISTRATORS BUILDING AND MANAGING SEARCH-ORIENTED APPLICATIONS. ABOUT THE AUTHORS RADU GHEORGHE IS A SEARCH CONSULTANT AND SOFTWARE ENGINEER. MATTHEW LEE HINMAN DEVELOPS HIGHLY AVAILABLE, CLOUD-BASED SYSTEMS. ROY RUSSO IS A SPECIALIST IN PREDICTIVE ANALYTICS. TABLE OF CONTENTS PART 1 CORE ELASTICSEARCH FUNCTIONALITY INTRODUCING ELASTICSEARCH DIVING INTO THE FUNCTIONALITY INDEXING, UPDATING, AND DELETING DATA SEARCHING YOUR DATA ANALYZING YOUR DATA SEARCHING WITH RELEVANCY EXPLORING YOUR DATA WITH AGGREGATIONS RELATIONS AMONG DOCUMENTS

PART 2 ADVANCED ELASTICSEARCH FUNCTIONALITY SCALING OUT IMPROVING PERFORMANCE ADMINISTERING YOUR CLUSTER
[INTRODUCTION TO INFORMATION RETRIEVAL - CHRISTOPHER D. MANNING 2008-07-07](#)

CLASS-TESTED AND COHERENT, THIS TEXTBOOK TEACHES CLASSICAL AND WEB INFORMATION RETRIEVAL, INCLUDING WEB SEARCH AND THE RELATED AREAS OF TEXT CLASSIFICATION AND TEXT CLUSTERING FROM BASIC CONCEPTS. IT GIVES AN UP-TO-DATE TREATMENT OF ALL ASPECTS OF THE DESIGN AND IMPLEMENTATION OF SYSTEMS FOR GATHERING, INDEXING, AND SEARCHING DOCUMENTS; METHODS FOR EVALUATING SYSTEMS; AND AN INTRODUCTION TO THE USE OF MACHINE LEARNING METHODS ON TEXT COLLECTIONS. ALL THE IMPORTANT IDEAS ARE EXPLAINED USING EXAMPLES AND FIGURES, MAKING IT PERFECT FOR INTRODUCTORY COURSES IN INFORMATION RETRIEVAL FOR ADVANCED UNDERGRADUATES AND GRADUATE STUDENTS IN COMPUTER SCIENCE. BASED ON FEEDBACK FROM EXTENSIVE CLASSROOM EXPERIENCE, THE BOOK HAS BEEN CAREFULLY STRUCTURED IN ORDER TO MAKE TEACHING MORE NATURAL AND EFFECTIVE. SLIDES AND ADDITIONAL EXERCISES (WITH SOLUTIONS FOR LECTURERS) ARE ALSO AVAILABLE THROUGH THE BOOK'S SUPPORTING WEBSITE TO HELP COURSE INSTRUCTORS PREPARE THEIR LECTURES.

[SCALING APACHE SOLR - HRISHIKESH VIJAY KARAMBELKAR 2014-07-25](#)

THIS BOOK IS A STEP-BY-STEP GUIDE FOR READERS WHO WOULD LIKE TO LEARN HOW TO BUILD COMPLETE ENTERPRISE SEARCH SOLUTIONS, WITH AMPLE REAL-WORLD EXAMPLES AND CASE STUDIES. IF YOU ARE A DEVELOPER, DESIGNER, OR ARCHITECT WHO WOULD LIKE TO BUILD ENTERPRISE SEARCH SOLUTIONS FOR YOUR CUSTOMERS OR ORGANIZATION, BUT HAVE NO PRIOR KNOWLEDGE OF APACHE SOLR/LUCENE TECHNOLOGIES, THIS IS THE BOOK FOR YOU.

[SOLR IN ACTION - TIMOTHY POTTER 2014-03-25](#)

SUMMARY SOLR IN ACTION IS A COMPREHENSIVE GUIDE TO IMPLEMENTING SCALABLE SEARCH USING APACHE SOLR. THIS CLEARLY WRITTEN BOOK WALKS YOU THROUGH WELL-DOCUMENTED EXAMPLES RANGING FROM BASIC KEYWORD SEARCHING TO SCALING A SYSTEM FOR BILLIONS OF DOCUMENTS AND QUERIES. IT WILL GIVE YOU A DEEP UNDERSTANDING OF HOW TO IMPLEMENT CORE SOLR CAPABILITIES. ABOUT THE BOOK WHETHER YOU'RE HANDLING BIG (OR SMALL) DATA, MANAGING DOCUMENTS, OR BUILDING A WEBSITE, IT IS IMPORTANT TO BE ABLE TO QUICKLY SEARCH THROUGH YOUR CONTENT AND DISCOVER MEANING IN IT. APACHE SOLR IS YOUR TOOL: A READY-TO-DEPLOY, LUCENE-BASED, OPEN SOURCE, FULL-TEXT SEARCH ENGINE. SOLR CAN SCALE ACROSS MANY SERVERS TO ENABLE REAL-TIME QUERIES AND DATA ANALYTICS ACROSS BILLIONS OF DOCUMENTS. SOLR IN ACTION TEACHES YOU TO IMPLEMENT SCALABLE SEARCH USING APACHE SOLR. THIS EASY-TO-READ GUIDE BALANCES CONCEPTUAL DISCUSSIONS WITH PRACTICAL EXAMPLES TO SHOW YOU HOW TO IMPLEMENT ALL OF SOLR'S CORE CAPABILITIES. YOU'LL MASTER TOPICS LIKE TEXT ANALYSIS, FACETED SEARCH, HIT HIGHLIGHTING, RESULT GROUPING, QUERY SUGGESTIONS, MULTILINGUAL SEARCH, ADVANCED GEOSPATIAL AND DATA OPERATIONS, AND RELEVANCY TUNING. THIS BOOK ASSUMES BASIC KNOWLEDGE OF JAVA AND STANDARD DATABASE TECHNOLOGY. NO PRIOR KNOWLEDGE OF SOLR OR LUCENE IS REQUIRED. PURCHASE OF THE PRINT BOOK INCLUDES A FREE eBook IN PDF, KINDLE, AND ePub FORMATS FROM MANNING PUBLICATIONS. WHAT'S INSIDE HOW TO SCALE SOLR FOR BIG DATA RICH REAL-WORLD EXAMPLES SOLR AS A NoSQL DATA STORE ADVANCED MULTILINGUAL, DATA, AND RELEVANCY TRICKS COVERAGE OF VERSIONS THROUGH SOLR 4.7 ABOUT THE AUTHORS TREY GRAINGER IS A DIRECTOR OF ENGINEERING AT CAREERBUILDER. TIMOTHY POTTER IS A SENIOR MEMBER OF THE ENGINEERING TEAM AT LUCIDWORKS. THE AUTHORS WORK ON THE SCALABILITY AND RELIABILITY OF SOLR, AS WELL AS ON RECOMMENDATION ENGINE AND BIG DATA ANALYTICS TECHNOLOGIES. TABLE OF CONTENTS PART 1 MEET SOLR INTRODUCTION TO SOLR GETTING TO KNOW SOLR KEY SOLR CONCEPTS CONFIGURING SOLR INDEXING TEXT ANALYSIS PART 2 CORE SOLR CAPABILITIES PERFORMING QUERIES AND HANDLING RESULTS FACETED SEARCH HIT HIGHLIGHTING QUERY SUGGESTIONS RESULT GROUPING/FIELD COLLAPSING TAKING SOLR TO PRODUCTION PART 3 TAKING SOLR TO THE NEXT LEVEL SolrCloud MULTILINGUAL SEARCH COMPLEX QUERY OPERATIONS MASTERING RELEVANCY

[THE WELL-GROUNDED RUBYIST - JOE LEO 2019-03-05](#)

SUMMARY THE WELL-GROUNDED RUBYIST, THIRD EDITION IS A BEAUTIFULLY WRITTEN TUTORIAL THAT BEGINS WITH YOUR FIRST RUBY PROGRAM AND TAKES YOU ALL THE WAY TO SOPHISTICATED TOPICS LIKE REFLECTION, THREADING, AND RECURSION. RUBY MASTERS DAVID A. BLACK AND JOE LEO DISTILL THEIR YEARS OF KNOWLEDGE FOR YOU, CONCENTRATING ON THE LANGUAGE AND ITS USES SO YOU CAN USE RUBY IN ANY WAY YOU CHOOSE. UPDATED FOR RUBY 2.5. PURCHASE OF THE PRINT BOOK INCLUDES A FREE eBook IN PDF, KINDLE, AND ePub FORMATS FROM MANNING PUBLICATIONS. ABOUT THE TECHNOLOGY DESIGNED FOR DEVELOPER PRODUCTIVITY, RUBY IS AN EASY-TO-LEARN DYNAMIC LANGUAGE PERFECT FOR CREATING VIRTUALLY ANY KIND OF SOFTWARE. ITS FAMOUSLY FRIENDLY DEVELOPMENT COMMUNITY, COUNTLESS LIBRARIES, AND AMAZING TOOLS, LIKE THE RAILS FRAMEWORK, HAVE ESTABLISHED IT AS THE LANGUAGE OF CHOICE FOR HIGH-PROFILE COMPANIES, INCLUDING GITHUB, SLIDESHARE, AND SHOPIFY. THE FUTURE IS BRIGHT FOR THE WELL-GROUNDED RUBYIST! ABOUT THE BOOK IN THE WELL-GROUNDED RUBYIST, THIRD EDITION, EXPERT AUTHORS DAVID A. BLACK AND JOSEPH LEO DELIVER RUBY MASTERY IN AN EASY-TO-READ, CASUAL STYLE. YOU'LL LOCK IN CORE PRINCIPLES AS YOU WRITE YOUR FIRST RUBY PROGRAMS. THEN, YOU'LL PROGRESSIVELY BUILD UP TO TOPICS LIKE REFLECTION, THREADING, AND RECURSION, CEMENTING YOUR KNOWLEDGE WITH HIGH-VALUE EXERCISES TO PRACTICE YOUR SKILLS ALONG THE WAY. WHAT'S INSIDE BASIC RUBY SYNTAX RUNNING RUBY EXTENSIONS FP CONCEPTS LIKE CURRYING, SIDE-EFFECT-FREE CODE, AND RECURSION RUBY 2.5 UPDATES ABOUT THE READER FOR READERS WITH BEGINNER-LEVEL PROGRAMMING SKILLS. ABOUT THE AUTHORS DAVID A. BLACK IS AN INTERNATIONALLY KNOWN RUBY DEVELOPER AND AUTHOR, AND A COFOUNDER OF RUBY CENTRAL. RUBY TEACHER AND ADVOCATE JOSEPH LEO III IS THE FOUNDER OF DEF METHOD AND LEAD ORGANIZER OF THE GOTHAM RUBY CONFERENCE. TABLE OF CONTENTS PART 1 RUBY

FOUNDATIONS BOOTSTRAPPING YOUR RUBY LITERACY OBJECTS, METHODS, AND LOCAL VARIABLES ORGANIZING OBJECTS WITH CLASSES MODULES AND PROGRAM ORGANIZATION THE DEFAULT OBJECT (SELF), SCOPE, AND VISIBILITY CONTROL-FLOW TECHNIQUES PART 2 BUILT-IN CLASSES AND MODULES BUILT-IN ESSENTIALS STRINGS, SYMBOLS, AND OTHER SCALAR OBJECTS COLLECTION AND CONTAINER OBJECTS COLLECTIONS CENTRAL: ENUMERABLE AND ENUMERATOR REGULAR EXPRESSIONS AND REGEXP-BASED STRING OPERATIONS FILE AND I/O OPERATIONS PART 3 RUBY DYNAMICS OBJECT INDIVIDUATION CALLABLE AND RUNNABLE OBJECTS CALLBACKS, HOOKS, AND RUNTIME INTROSPECTION RUBY AND FUNCTIONAL PROGRAMMING

[SPRING DATA - MARK POLLACK 2012-10-24](#)

YOU CAN CHOOSE SEVERAL DATA ACCESS FRAMEWORKS WHEN BUILDING JAVA ENTERPRISE APPLICATIONS THAT WORK WITH RELATIONAL DATABASES. BUT WHAT ABOUT BIG DATA? THIS HANDS-ON INTRODUCTION SHOWS YOU HOW SPRING DATA MAKES IT RELATIVELY EASY TO BUILD APPLICATIONS ACROSS A WIDE RANGE OF NEW DATA ACCESS TECHNOLOGIES SUCH AS NoSQL AND HADOOP. THROUGH SEVERAL SAMPLE PROJECTS, YOU'LL LEARN HOW SPRING DATA PROVIDES A CONSISTENT PROGRAMMING MODEL THAT RETAINS NoSQL-SPECIFIC FEATURES AND CAPABILITIES, AND HELPS YOU DEVELOP HADOOP APPLICATIONS ACROSS A WIDE RANGE OF USE-CASES SUCH AS DATA ANALYSIS, EVENT STREAM PROCESSING, AND WORKFLOW. YOU'LL ALSO DISCOVER THE FEATURES SPRING DATA ADDS TO SPRING'S EXISTING JPA AND JDBC SUPPORT FOR WRITING RDBMS-BASED DATA ACCESS LAYERS. LEARN ABOUT SPRING'S TEMPLATE HELPER CLASSES TO SIMPLIFY THE USE OF DATABASE-SPECIFIC FUNCTIONALITY EXPLORE SPRING DATA'S REPOSITORY ABSTRACTION AND ADVANCED QUERY FUNCTIONALITY USE SPRING DATA WITH REDIS (KEY/VALUE STORE), HBASE (COLUMN-FAMILY), MONGODB (DOCUMENT DATABASE), AND Neo4j (GRAPH DATABASE) DISCOVER THE GEMFIRE DISTRIBUTED DATA GRID SOLUTION EXPORT SPRING DATA JPA-MANAGED ENTITIES TO THE Web AS RESTFUL WEB SERVICES SIMPLIFY THE DEVELOPMENT OF HBASE APPLICATIONS, USING A LIGHTWEIGHT OBJECT-MAPPING FRAMEWORK BUILD EXAMPLE BIG-DATA PIPELINES WITH SPRING BATCH AND SPRING INTEGRATION

[DESIGNING SEARCH - GREG NUDELMAN 2011-05-09](#)

BEST PRACTICES, PRACTICAL ADVICE, AND DESIGN IDEAS FOR SUCCESSFUL ECOMMERCE SEARCH A GLARING GAP HAS EXISTED IN THE MARKET FOR A RESOURCE THAT OFFERS A COMPREHENSIVE, ACTIONABLE DESIGN PATTERNS AND DESIGN STRATEGIES FOR ECOMMERCE SEARCH—BUT NO LONGER. WITH THIS INVALUABLE BOOK, USER EXPERIENCE DESIGNER AND USER RESEARCHER GREG NUDELMAN SHARES HIS YEARS OF EXPERIENCE WORKING ON POPULAR ECOMMERCE SITES AS HE TACKLES EVEN THE MOST DIFFICULT ECOMMERCE SEARCH DESIGN PROBLEMS. NUDELMAN HELPS YOU CREATE HIGHLY EFFECTIVE AND INTUITIVE ECOMMERCE SEARCH DESIGN SOLUTIONS AND HE TAKES A UNIQUE FORWARD-THINKING LOOK AT TRENDS SUCH AS INTEGRATING SEARCHING WITH BROWSING TO CREATE A SINGLE-FINDING USER INTERFACE. OFFERS MUCH-NEEDED INSIGHT ON HOW TO CREATE ECOMMERCE SEARCH EXPERIENCES THAT TRULY BENEFIT ONLINE SHOPPERS JUXTAPOSES EXAMPLES OF COMMON DESIGN PITFALLS AGAINST EXAMPLES OF HIGHLY EFFECTIVE ECOMMERCE SEARCH DESIGN SOLUTIONS PRESENTS COMPREHENSIVE GUIDANCE ON ECOMMERCE SEARCH DESIGN STRATEGIES FOR THE Web, MOBILE PHONE APPLICATIONS, AND NEW TABLET DEVICES SHARES THE AUTHOR'S YEARS OF UNIQUE EXPERIENCE WORKING WITH ECOMMERCE FROM THE PERSPECTIVE OF THE USER'S EXPERIENCE DESIGNING ECOMMERCE SEARCH IS MANDATORY READING IF YOU ARE INTERESTED IN ORCHESTRATING SUCCESSFUL ECOMMERCE SEARCH STRATEGIES.

[MASTERING APACHE SOLR - MR. MATHIEU NAYROLLES 2014-05-15](#)

TOPIC: IN THE OPEN SOURCE, FULL-TEXT SEARCH COMMUNITY, A LEADER EMERGES - APACHE SOLR. APACHE SOLR ENABLES YOU TO INDEX AND ACCESS DOCUMENTS ORDERS OF MAGNITUDE FASTER THAN CLASSICAL DATABASES AND THEREBY PROVIDES A FIRST-CLASS SEARCH EXPERIENCE TO YOUR END USERS. BRIEF DESCRIPTION: MASTERING APACHE SOLR IS A PRACTICAL, HANDS-ON GUIDE CONTAINING CRISP, RELEVANT, SYSTEMATICALLY ARRANGED, AND PROGRESSIVE CHAPTERS. THESE CHAPTERS CONTAIN A WEALTH OF INFORMATION PRESENTED IN A DIRECT AND EASY-TO-UNDERSTAND MANNER. THIS BOOK COVERS KEY TECHNICAL CONCEPTS, HIGHLIGHTING SOLR'S SUPREMACY OVER CLASSICAL DATABASES IN FULL-TEXT SEARCH, WHICH WILL HELP YOU ACCELERATE YOUR PROGRESS IN THE SOLR WORLD. DETAILED DESCRIPTION: MASTERING APACHE SOLR STARTS WITH AN INTRODUCTION TO APACHE SOLR, ITS UNDERLYING TECHNOLOGIES, THE MAIN DIFFERENCES BETWEEN THE CLASSICAL DATABASE ENGINES, AND GRADUALLY MOVES TO MORE ADVANCED TOPICS LIKE BOOSTING PERFORMANCE. IN THIS BOOK, WE WILL LOOK UNDER THE HOOD OF A LARGE NUMBER OF TOPICS AND DISCUSS ANSWERS TO PERTINENT QUESTIONS LIKE WHY DENORMALIZE DATA, HOW TO IMPORT CLASSICAL DATABASES' DATA INSIDE APACHE SOLR, HOW TO SERVE SOLR THROUGH FIVE DIFFERENT WEB SERVERS, HOW TO OPTIMIZE THEM TO SERVE SOLR EVEN FASTER. AN IMPORTANT AND MAJOR TOPIC COVERED IN THIS BOOK IS SOLR'S QUERYING MECHANISM, WHICH WILL PROVE TO BE A STRONG ALLY IN OUR JOURNEY THROUGH THIS BOOK. WE THEN LOOK AT BOOSTING PERFORMANCE AND DEPLOYING SOLR USING SEVERAL SERVLET SERVERS. FINALLY, WE COVER HOW TO COMMUNICATE WITH SOLR USING DIFFERENT PROGRAMMING LANGUAGES, BEFORE DEPLOYING IT IN A CLOUD-BASED ENVIRONMENT. WHO THIS BOOK IS FOR: MASTERING APACHE SOLR HAS BEEN WRITTEN FOR DEVELOPERS, PROGRAMMERS, AND DATA SPECIALISTS WHO WANT TO TAKE A LEAP TOWARDS THE FUTURE OF FULL-TEXT STORAGE AND SEARCH AND OFFER A WORLD-CLASS EXPERIENCE TO THEIR USERS. THE READER IS EXPECTED TO HAVE A WORKING KNOWLEDGE OF TRADITIONAL DATABASES, LINUX-BASED OPERATING SYSTEMS, AND XML CONFIGURATION FILES. STYLE AND APPROACH: MASTERING APACHE SOLR IS WRITTEN LUCIDLY AND HAS A DYNAMICALLY SIMPLE APPROACH. FROM THE FIRST PAGE TO THE LAST, THE BOOK REMAINS PRACTICAL AND FOCUSES ON THE MOST IMPORTANT TOPICS USED IN THE WORLD OF APACHE SOLR WITHOUT NEGLECTING IMPORTANT THEORETICAL FUNDAMENTALS THAT HELP YOU BUILD A STRONG FOUNDATION. CONCLUSION: MASTERING APACHE SOLR WILL EMPOWER YOU TO PROVIDE A WORLD-CLASS SEARCH EXPERIENCE TO YOUR END USERS THROUGH THE DISCOVERY OF THE POWERFUL MECHANISMS PRESENTED IN THIS BOOK.