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KEY=TEST - BEST YOSEF

TEST AND ANALYSIS OF WEB SERVICES

Springer Science & Business Media The authors have here put together the first reference on all aspects of testing and validating service-oriented architectures. With contributions by leading academic and industrial research groups it offers detailed guidelines for the actual validation process. Readers will find a comprehensive survey of state-of-the-art approaches as well as techniques and tools to improve the quality of service-oriented applications. It also includes references and scenarios for future research and development.

TOWARDS A SERVICE-BASED INTERNET

FIRST EUROPEAN CONFERENCE, SERVICEWAVE 2008, MADRID, SPAIN, DECEMBER 10-13, 2008, PROCEEDINGS

Springer Science & Business Media This volume constitutes the refereed proceedings of the First European Conference, ServiceWave 2008, held in Madrid, Spain, in December 2008. The 28 revised full papers presented were carefully reviewed and selected from 102 initial submissions. The papers are organized in topical sections on adaption/monitoring, model driven architecture, network services, service oriented architecture, business process management, deployment/invocation, security, workflow as well as SLA/QoS.

WEB SERVICES RESEARCH FOR EMERGING APPLICATIONS: DISCOVERIES AND TRENDS

DISCOVERIES AND TRENDS

IGI Global "This book provides a comprehensive assessment of the latest developments in Web services research, focusing on composing and coordinating Web services, XML security, and service oriented architecture, and presenting new and emerging research in the Web services discipline"--Provided by publisher.

TEST AND ANALYSIS OF WEB SERVICES

Springer The authors have here put together the first reference on all aspects of testing and validating service-oriented architectures. With contributions by leading academic and industrial research groups it offers detailed guidelines for the actual validation process. Readers will find a comprehensive survey of state-of-the-art approaches as well as techniques and tools to improve the quality of service-oriented applications. It also includes references and scenarios for future research and development.

SERVICE RESEARCH CHALLENGES AND SOLUTIONS FOR THE FUTURE INTERNET

S-CUBE - TOWARDS ENGINEERING, MANAGING AND ADAPTING SERVICE-BASED SYSTEMS

Springer Science & Business Media S-Cube's Foundations for the Internet of Services Today's Internet is standing at a crossroads. The Internet has evolved from a source of information to a critical infrastructure which underpins our lives and economies. The demand for more multimedia content, more interconnected devices, more users, a richer user experience, services available any time and anywhere increases the pressure on existing networks and service platforms. The Internet needs a fundamental rearrangement to be ready to meet future needs. One of the areas of research for the Future Internet is the Internet of S- vices, a vision of the Internet where everything (e. g. , information, software, platforms and infrastructures) is available as a service. Services available on the Internet of Services can be used by anyone (if they are used according to the policies de?ned by the provider) and they can be extended with new services by anyone. Advantages of the Internet of Services include the p- sibility to build upon other people's e?orts and the little investment needed upfront to develop an application. The risk involved in pursuing new business ideas is diminished, and might lead to more innovative ideas being tried out in practice. It will lead to the appearance of new companies that are able to operate in niche areas, providing services to other companies that will be able to focus on their core business.

THE SMART INTERNET

CURRENT RESEARCH AND FUTURE APPLICATIONS

Springer Science & Business Media I love the idea of a Smart Internet that lets users improve many parts of their lives, pulling together data and services from around the internet. This won't happen with large unwieldy programming requirements. . . it will happen because we're moving towards integrated, simple tasks that users can do on an every day basis. With services available on the cloud, with analytics available, with data that has meaning to the user and not just to some protocol parser - with all of these, users at all levels will be able to do a better job. The users may be small and large enterprises, local governments, individuals, etc. All of this means that as the world is becoming more intelligent, instrumented and more interconnected, we'll be headed towards smarter health care, smarter cities, and smarter lives. " — Gennaro A. Cuomo, IBM Software Group Vice President and IBM Fellow, WebSphere Chief Technology O?cer Congratulations to the team on the publication of this ?rst volume of the IBM CASResearchbookseries!Thisisasigni?cantmilestoneforIBMCASResearch. This series not only captures the innovations resulting from the collaboration acrossIBM technical leaders,IBM CAS faculty members, as well as our network of distinguished academic partners, it also lays the foundation for ongoing c- mercialization of future research initiatives.

SOFTWARE ANALYSIS, TESTING, AND EVOLUTION

8TH INTERNATIONAL CONFERENCE, SATE 2018, SHENZHEN, GUANGDONG, CHINA, NOVEMBER 23-24, 2018, PROCEEDINGS

Springer This book constitutes the refereed proceedings of the 8th International Conference on Software Analysis, Testing, and Evolution, SATE 2018. The conference was co-located with the national Software Application Conference, NASAC 2018, and was held in Shenzhen, Guangdong, in November 2018. The 13 full papers presented were carefully reviewed and selected from 34 submissions. The papers describe results related to software analysis, testing and evolution, including theoretical research, empirical study, new technology, case study and industrial practice.

SERVICE ENGINEERING

EUROPEAN RESEARCH RESULTS

Springer Science & Business Media Service engineering is increasingly posing challenges to traditional software engineering methodologies including specification, modeling, architecture, and verification, just to name a few. On the other hand, the latest advancements in software engineering are continuously leveraged in Service Engineering research, especially in the design and implementation of service-oriented systems. Several mutual impacts between service engineering and software engineering could be observed in the last decade, and many research efforts have been devoted to the field. However, in spite of the considerable efforts and significant contributions, few have attempted to summarize the research results systematically.

ADVANCED MULTIMEDIA AND UBIQUITOUS ENGINEERING

FUTURETECH & MUE

Springer This volume presents selected papers from prominent researchers participating in the 11th International Conference on Future Information Technology and the 10th International Conference on Multimedia and Ubiquitous Engineering, Beijing, China, April 20-22, 2016. These large international conferences provided an opportunity for academic and industry professionals to discuss recent progress in the fields of multimedia technology and ubiquitous engineering including new models and systems and novel applications associated with the utilization and acceptance of ubiquitous computing devices and systems. The contributions contained in this book also provide more information about digital and multimedia convergence, intelligent applications, embedded systems, mobile and wireless communications, bio-inspired computing, grid and cloud computing, the semantic web, user experience and HCI, security and trust computing. This book describes the state of the art in multimedia and ubiquitous engineering, and future IT models and their applications.

INNOVATIVE INTERNET COMMUNITY SYSTEMS

5TH INTERNATIONAL WORKSHOP, IICS 2005, PARIS, FRANCE, JUNE 20-22, 2005. REVISED PAPERS

Springer Science & Business Media Thoroughly refereed post-proceedings of the 5th International Workshop on Innovative Internet Community Systems, IICS 2005, held in Paris, France, in June 2005. The 17 revised full papers presented have been carefully reviewed and selected from 27 submissions. They mainly address system-oriented problems, content and text processing, and theoretical foundations of quality-of-service problems of Internet protocols, aspects of cooperation and collaboration in Internet systems, as well as agent and text-processing-based methods.

INNOVATIVE TECHNOLOGIES FOR DEPENDABLE OTS-BASED CRITICAL SYSTEMS

CHALLENGES AND ACHIEVEMENTS OF THE CRITICAL STEP PROJECT

Springer Science & Business Media The demand for large-scale dependable, systems, such as Air Traffic Management, industrial plants and space systems, is attracting efforts of many world-leading European companies and SMEs in the area, and is expected to increase in the near future. The adoption of Off-The-Shelf (OTS) items plays a key role in such a scenario. OTS items allow mastering complexity and reducing costs and time-to-market; however, achieving these goals by ensuring dependability requirements at the same time is challenging. CRITICAL STEP project establishes a strategic collaboration between academic and industrial partners, and proposes a framework to support the development of dependable, OTS-based, critical systems. The book introduces methods and tools adopted by the critical systems industry, and surveys key achievements of the CRITICAL STEP project along four directions: fault injection tools, V&V of critical systems, runtime monitoring and evaluation techniques, and security assessment.

WEB SERVICES SECURITY DEVELOPMENT AND ARCHITECTURE: THEORETICAL AND PRACTICAL ISSUES

THEORETICAL AND PRACTICAL ISSUES

IGI Global "This book's main objective is to present some of the key approaches, research lines, and challenges that exist in the field of security in SOA systems"--Provided by publisher.

SOFTWARE ENGINEERING

INTERNATIONAL SUMMER SCHOOLS, ISSSE 2006-2008, SALERNO, ITALY, REVISED TUTORIAL LECTURES

Springer Science & Business Media The International Summer School on Software Engineering trains future researchers and facilitates the exchange of knowledge between academia and industry. This volume contains papers from recent summer schools and contributions on latest findings in the field.

COMPUTER AND INFORMATION SCIENCES - ISCIS 2005

20TH INTERNATIONAL SYMPOSIUM, ISTANBUL, TURKEY, OCTOBER 26 -- 28, 2005, PROCEEDINGS

Springer This book constitutes the refereed proceedings of the 20th International Symposium on Computer and Information Sciences, ISCIS 2005, held in Istanbul, Turkey in October 2005. The 92 revised full papers presented together with 4 invited talks were carefully reviewed and selected from 491 submissions. The papers are organized in topical sections on computer networks, sensor and satellite networks, security and cryptography, performance evaluation, e-commerce and Web services, multiagent systems, machine learning, information retrieval and natural language processing, image and speech processing, algorithms and database systems, as well as theory of computing.

BUSINESS PROCESS MANAGEMENT

3RD INTERNATIONAL CONFERENCE, BPM 2005, NANCY, FRANCE, SEPTEMBER 5-8, 2005, PROCEEDINGS

Springer Science & Business Media This volume contains the proceedings of the 3rd International Conference on Business Process Management (BPM 2005), organized by LORIA in Nancy, France, September 5-8, 2005. This year, BPM included several innovations with respect to previous editions, most notably the addition of an industrial program and of co-located workshops. This was the logical result of the significant (and still growing) industrial interest in the area and of the broadening of the research communities working on BPM topics. The interest in business process management (and in the BPM conference) was demonstrated by the quantity and quality of the paper submissions. We received over 176 contributions from 31 countries, accepting 25 of them as full papers (20 research papers and 5 industrial papers) while 17 contributions were accepted as short papers. In addition to the regular, industry, and short presentations invited lectures were given by Frank Leymann and Gustavo Alonso. This combination of research papers, industrial papers, keynotes, and workshops, all of very high quality, has shown that BPM has become a mature conference and the main venue for researchers and practitioners in this area. We would like to thank the members of the Program Committee and the reviewers for their efforts in selecting the papers. They helped us compile an excellent scientific program. For the difficult task of selecting the 25 best papers (14% acceptance rate) and 17 short papers each paper was reviewed by at least three reviewers (except some out-of-scope papers).

TESTING OF COMMUNICATING SYSTEMS

18TH IFIP TC 6/WG 6.1 INTERNATIONAL CONFERENCE, TESTCOM 2006, NEW YORK, NY, USA, MAY 16-18, 2006, PROCEEDINGS

Springer Science & Business Media This volume contains the proceedings of the 18th IFIP International Conference on Testing Communicating Systems (TestCom 2006).

SOFTWARE APPLICATIONS: CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS, AND APPLICATIONS

IGI Global Includes articles in topic areas such as autonomic computing, operating system architectures, and open source software technologies and applications.

CODE GENERATION, ANALYSIS TOOLS, AND TESTING FOR QUALITY

IGI Global Despite the advances that have been made in programming, there is still a lack of sufficient methods for quality control. While code standards try to force programmers to follow a specific set of rules, few tools exist that really deal with automatic refactoring of this code, and evaluation of the coverage of these tests is still a challenge. Code Generation, Analysis Tools, and Testing for Quality is an essential reference source that discusses the generation and writing of computer programming and methods of quality control such as analysis and testing. Featuring research on topics such as programming languages, quality assessment, and automated development, this book is ideally designed for academicians, practitioners, computer science teachers, enterprise developers, and researchers seeking coverage on code auditing strategies and methods.

ENTERPRISE, BUSINESS-PROCESS AND INFORMATION SYSTEMS MODELING

18TH INTERNATIONAL CONFERENCE, BPMDS 2017, 22ND INTERNATIONAL CONFERENCE, EMMSAD 2017, HELD AT CAISE 2017, ESSEN, GERMANY, JUNE 12-13, 2017, PROCEEDINGS

Springer This book constitutes the proceedings of two events held in conjunction with the CAISE conferences and related to the areas of enterprise, business-process and information systems modeling: the 18th International Conference on Business Process Modeling, Development and Support, BPMDS 2017, and the 22nd International Conference on Evaluation and Modeling Methods for Systems Analysis and Development, EMMSAD, 2017. They took place in Essen, Germany, in June 2017. The focus theme for BPMDS 2017 papers was "Enabling Business Transformation by Business Process Modeling, Development and Support". From 24 submitted papers, 11 were finally accepted and organized by: Non-functional considerations in business processes; new challenges in business process modeling and support; testing business processes; business process model comprehension; an experience report on teaching business process modeling. The EMMSAD conference focuses on evaluating, exploring and enhancing modeling methods and techniques for the development of information and software systems, enterprises, and business processes. It received 25 submissions, from which 9 full and 2 short papers were selected and organized: evaluation and comparison of modeling languages and methods; modeling approaches to support decision making; behavioral specification and business process modeling; and modeling languages and methods in evolving context.

COMPUTER SCIENCE AND ITS APPLICATIONS

CSA 2012

Springer Science & Business Media The 4th FTRA International Conference on Computer Science and its Applications (CSA-12) will be held in Jeju, Korea on November 22-25, 2012. CSA-12 will be the most comprehensive conference focused on the various aspects of advances in computer science and its applications. CSA-12 will provide an opportunity for academic and industry professionals to discuss the latest issues and progress in the area of CSA. In addition, the conference will publish high quality papers which are closely related to the various theories and practical applications in CSA. Furthermore, we expect that the conference and its publications will be a trigger for further related research and technology improvements in this important subject. CSA-12 is the next event in a series of highly successful International Conference on Computer Science and its Applications, previously held as CSA-11 (3rd Edition: Jeju, December, 2011), CSA-09 (2nd Edition: Jeju, December, 2009), and CSA-08 (1st Edition: Australia, October, 2008).

HOW TO BREAK WEB SOFTWARE

FUNCTIONAL AND SECURITY TESTING OF WEB APPLICATIONS AND WEB SERVICES

Addison-Wesley Professional Rigorously test and improve the security of all your Web software! It's as certain as death and taxes: hackers will mercilessly attack your Web sites, applications, and services. If you're vulnerable, you'd better discover these attacks yourself, before the black hats do. Now, there's a definitive, hands-on guide to security-testing any Web-based software: How to Break Web Software. In this book, two renowned experts address every category of Web software exploit: attacks on clients, servers, state, user inputs, and more. You'll master powerful attack tools and techniques as you uncover dozens of crucial, widely exploited flaws in Web architecture and coding. The authors reveal where to look for potential threats and attack vectors, how to rigorously test for each of them, and how to mitigate the problems you find. Coverage includes · Client vulnerabilities, including attacks on client-side validation · State-based attacks: hidden fields, CGI parameters, cookie poisoning, URL jumping, and session hijacking · Attacks on user-supplied inputs: cross-site scripting, SQL injection, and directory traversal · Language- and technology-based attacks: buffer overflows, canonicalization, and NULL string attacks · Server attacks: SQL Injection with stored procedures, command injection, and server fingerprinting · Cryptography, privacy, and attacks on Web services Your Web software is mission-critical—it can't be compromised. Whether you're a developer, tester, QA specialist, or IT manager, this book will help you protect that software—systematically.

TECHNOLOGY FOR EDUCATION AND LEARNING

Springer Science & Business Media This volume contains 108 selected papers presented at the 2012 international conference on Technology for Education and Learning (ICTEL 2012), Macau, China, March 1-2, 2012. The conference brought together researchers working in various different areas of Technology for Education and Learning with a main emphasis on technology for business and economy in order to foster international collaborations and exchange of new ideas. This proceedings book has its focus on Technology for Economy, Finance and Education representing some of the major subareas presented at the conference.

ADVANCES IN WEB-AGE INFORMATION MANAGEMENT

6TH INTERNATIONAL CONFERENCE, WAIM 2005, HANGZHOU, CHINA, OCTOBER 11-13, 2005, PROCEEDINGS

Springer Science & Business Media This book constitutes the refereed proceedings of the 6th International Conference on Web-Age Information Management, WAIM 2005, held in Hangzhou, China, in October 2005. The 48 revised full papers, 50 revised short papers and 4 industrial papers presented together with 3 invited contributions were carefully reviewed and selected from 486 submissions. The papers are organized in topical sections on XML, performance and query evaluation, data mining, semantic Web and Web ontology, data management, information systems, Web services and workflow, data grid and database languages, agent and mobile data, database application and transaction management, and 3 sections with industrial, short, and demonstration papers.

INFOWORLD

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

ADVANCED COMPUTING

FIRST INTERNATIONAL CONFERENCE ON COMPUTER SCIENCE AND INFORMATION TECHNOLOGY, CCSIT 2011, BANGALORE, INDIA, JANUARY 2-4, 2011. PROCEEDINGS

Springer Science & Business Media This volume constitutes the third of three parts of the refereed proceedings of the First International Conference on Computer Science and Information Technology, CCSIT 2010, held in Bangalore, India, in January 2011. The 46 revised full papers presented in this volume were carefully reviewed and selected. The papers are organized in topical sections on soft computing, such as AI, Neural Networks, Fuzzy Systems, etc.; distributed and parallel systems and algorithms; security and information assurance; ad hoc and ubiquitous computing; wireless ad hoc networks and sensor networks.

SEARCH-BASED SOFTWARE ENGINEERING

7TH INTERNATIONAL SYMPOSIUM, SSBSE 2015, BERGAMO, ITALY, SEPTEMBER 5-7, 2015, PROCEEDINGS

Springer This book constitutes the refereed proceedings of the 7th International Symposium on Search-Based Software Engineering, SSBSE 2015, held in Bergamo, Italy, in September 2015. The 12 revised full papers presented together with 2 invited talks, 4 short papers, 2 papers of the graduate track, and 13 challenge track papers were carefully reviewed and selected from 51 submissions. Search Based Software Engineering (SBBSE) studies the application of meta-heuristic optimization techniques to various software engineering problems, ranging from requirements engineering to software testing and maintenance.

PROGRESS IN ADVANCED COMPUTING AND INTELLIGENT ENGINEERING

PROCEEDINGS OF ICACIE 2017, VOLUME 2

Springer This book features high-quality research papers presented at the International Conference on Advanced Computing and Intelligent Engineering (ICACIE 2017). It includes sections describing technical advances in the fields of advanced computing and intelligent engineering, which are based on the presented articles. Intended for postgraduate students and researchers working in the discipline of computer science and engineering, the proceedings also appeal to researchers in the domain of electronics as it covers hardware technologies and future communication technologies.

INFORMATION SYSTEMS AND NEW APPLICATIONS IN THE SERVICE SECTOR: MODELS AND METHODS

MODELS AND METHODS

IGI Global "This book examines current, state-of-the-art research in the area of service sectors and their interactions, linkages, applications, and support using information systems"--Provided by publisher.

MACHINE LEARNING FOR DYNAMIC SOFTWARE ANALYSIS: POTENTIALS AND LIMITS

INTERNATIONAL DAGSTUHL SEMINAR 16172, DAGSTUHL CASTLE, GERMANY, APRIL 24-27, 2016, REVISED PAPERS

Springer Machine learning of software artefacts is an emerging area of interaction between the machine learning and software analysis communities. Increased productivity in software engineering relies on the creation of new adaptive, scalable tools that can analyse large and continuously changing software systems. These require new software analysis techniques based on machine learning, such as learning-based software testing, invariant generation or code synthesis. Machine learning is a powerful paradigm that provides novel approaches to automating the generation of models and other essential software artifacts. This volume originates from a Dagstuhl Seminar entitled "Machine Learning for Dynamic Software Analysis: Potentials and Limits" held in April 2016. The seminar focused on fostering a spirit of collaboration in order to share insights and to expand and strengthen the cross-fertilisation between the machine learning and software analysis communities. The book provides an overview of the machine learning techniques that can be used for software analysis and presents example applications of their use. Besides an introductory chapter, the book is structured into three parts: testing and learning, extension of automata learning, and integrative approaches.

ELECTRONIC SERVICES: CONCEPTS, METHODOLOGIES, TOOLS AND APPLICATIONS

CONCEPTS, METHODOLOGIES, TOOLS AND APPLICATIONS

IGI Global With the increasing reliance on digital means to transact goods that are retail and communication based, e-services continue to develop as key applications for business, finance, industry and innovation. Electronic Services: Concepts, Methodologies, Tools and Applications is an all-inclusive research collection covering the latest studies on the consumption, delivery and availability of e-services. This multi-volume book contains over 100 articles, making it an essential reference for the evolving e-services discipline.

FUNDAMENTALS OF PERFORMANCE EVALUATION OF COMPUTER AND TELECOMMUNICATION SYSTEMS

John Wiley & Sons The only singular, all-encompassing textbook on state-of-the-art technical performance evaluation Fundamentals of Performance Evaluation of Computer and Telecommunication Systems uniquely presents all techniques of performance evaluation of computers systems, communication networks, and telecommunications in a balanced manner. Written by the renowned Professor Mohammad S. Obaidat and his coauthor Professor Nouredine Boudriga, it is also the only resource to treat computer and telecommunication systems as inseparable issues. The authors explain the basic concepts of performance evaluation, applications, performance evaluation metrics, workload types, benchmarking, and characterization of workload. This is followed by a review of the basics of probability theory, and then, the main techniques for performance evaluation—namely measurement, simulation, and analytic modeling—with case studies and examples. Contains the practical and applicable knowledge necessary for a successful performance evaluation in a balanced approach Reviews measurement tools, benchmark programs, design of experiments, traffic models, basics of queueing theory, and operational and mean value analysis Covers the techniques for validation and verification of simulation as well as random number generation, random variate generation, and testing with examples Features numerous examples and case studies, as well as exercises and problems for use as homework or programming assignments Fundamentals of Performance Evaluation of Computer and Telecommunication Systems is an ideal textbook for graduate students in computer science, electrical engineering, computer engineering, and information sciences, technology, and systems. It is also an excellent reference for practicing engineers and scientists.

GRID AND COOPERATIVE COMPUTING

SECOND INTERNATIONAL WORKSHOP, GCC 2003, SHANHAI [SIC], CHINA, DECEMBER 7-10, 2003 : REVISED PAPERS

Springer Science & Business Media The two-volume set LNCS 3032 and LNCS 3033 constitute the thoroughly refereed post-proceedings of the Second International Workshop on Grid and Cooperative Computing, GCC 2003, held in Shanghai, China in December 2003. The 176 full papers and 173 poster papers presented were carefully selected from a total of over 550 paper submissions during two rounds of reviewing and revision. The papers are organized in topical sections on grid applications; peer-to-peer computing; grid architectures; grid middleware and toolkits; Web security and Web services; resource management, scheduling, and monitoring; network communication and information retrieval; grid QoS; algorithms, economic models, and theoretical models of the grid; semantic grid and knowledge grid; remote data access, storage, and sharing; and computer-supported cooperative work and cooperative middleware.

INFOWORLD

InfoWorld is targeted to Senior IT professionals. Content is segmented into Channels and Topic Centers. InfoWorld also celebrates people, companies, and projects.

TEST FRAMEWORK FOR AVAILABILITY, RELIABILITY, AND PERFORMANCE OF CLOUD-BASED SERVICES

The test framework enables developers to perform quality of service analysis of web services, namely availability, reliability, and performance. By generating such metrics, the framework is able to provide insight and analysis into the real-world readiness of any given web service. The overall goal of the framework is to ensure the robustness of web services as they serve an important component of cloud-based computing. The framework is backed by a web-based application that allows users to easily operate the framework from a user interface. The application is able to seamlessly interface with

programs written in different languages and platforms because of its use of the Representational State Transfer (REST) protocol.

FUNDAMENTAL APPROACHES TO SOFTWARE ENGINEERING

18TH INTERNATIONAL CONFERENCE, FASE 2015, HELD AS PART OF THE EUROPEAN JOINT CONFERENCES ON THEORY AND PRACTICE OF SOFTWARE, ETAPS 2015, LONDON, UK, APRIL 11-18, 2015, PROCEEDINGS

Springer This book constitutes the proceedings of the 18th International Conference on Fundamental Approaches to Software Engineering, FASE 2015, held in London, UK, in April 2015, as part of the European Joint Conferences on Theory and Practice of Software, ETAPS 2015. The 22 full papers and 1 short paper presented in this volume were carefully reviewed and selected from 80 submissions. They are organized in topical sections named: models and synthesis; testing and fault localization; modeling; verification; modeling and adaptation; and applications.

FUTURE INTERNET TESTING

FIRST INTERNATIONAL WORKSHOP, FITTEST 2013, ISTANBUL, TURKEY, NOVEMBER 12, 2013, REVISED SELECTED PAPERS

Springer This book constitutes the proceedings of the First International Workshop on future Internet Testing, FITTEST 2013, held in Turkey, Istanbul, in November 2013, in conjunction with the International Conference on Testing Software and Systems (ICTSS). The volume presents a total of 7 contributions; 5 full papers which were selected from 8 submissions, as well as a paper on the Java Unit Test Competition and a summary of the achievements of the FITTEST project.

ADVANCES IN COMPUTERS

Academic Press Since its first volume in 1960, Advances in Computers has presented detailed coverage of innovations in computer hardware, software, theory, design, and applications. It has also provided contributors with a medium in which they can explore their subjects in greater depth and breadth than journal articles usually allow. As a result, many articles have become standard references that continue to be of significant, lasting value in this rapidly expanding field. In-depth surveys and tutorials on new computer technology Well-known authors and researchers in the field Extensive bibliographies with most chapters Many of the volumes are devoted to single themes or subfields of computer science

SOFTWARE TESTING IN THE CLOUD: PERSPECTIVES ON AN EMERGING DISCIPLINE

PERSPECTIVES ON AN EMERGING DISCIPLINE

IGI Global In recent years, cloud computing has gained a significant amount of attention by providing more flexible ways to store applications remotely. With software testing continuing to be an important part of the software engineering life cycle, the emergence of software testing in the cloud has the potential to change the way software testing is performed. Software Testing in the Cloud: Perspectives on an Emerging Discipline is a comprehensive collection of research by leading experts in the field providing an overview of cloud computing and current issues in software testing and system migration. Deserving the attention of researchers, practitioners, and managers, this book aims to raise awareness about this new field of study.

COLLABORATIVE AND DISTRIBUTED E-RESEARCH: INNOVATIONS IN TECHNOLOGIES, STRATEGIES AND APPLICATIONS

INNOVATIONS IN TECHNOLOGIES, STRATEGIES AND APPLICATIONS

IGI Global "This book offers insight into practical and methodological issues related to collaborative e-research and furthers readers understanding of current and future trends in online research and the types of technologies involved"--Provided by publisher.

E-BUSINESS AND TELECOMMUNICATIONS

INTERNATIONAL JOINT CONFERENCE, ICETE 2011, SEVILLE, SPAIN, JULY 18-21, 2011. REVISED SELECTED PAPERS

Springer This book constitutes the refereed proceedings of the 8th International Joint Conference on E-Business and Telecommunications, ICETE 2011, held in Seville, Spain in July 2011. The 118 revised full papers presented were carefully reviewed and selected from 409 submissions. The topics covered are data communication networking, e-business, optical communication systems, security and cryptography, signal processing and multimedia applications, and wireless networks and information systems. These are the main knowledge areas that define the six component conferences, namely: DCNET, ICE-B, OPTICS, SECURE, SIGMAP, and WINSYS which together form the ICETE joint conference.