

Airline Reservation System Documentation

This book constitutes the refereed proceedings of the 10th International Conference on Formal Engineering Methods, ICFEM 2008, held in Kitakyushu-City, Japan, October 2008. The 20 revised full papers together with 3 invited talks presented were carefully reviewed and selected from 62 submissions. The papers address all current issues in formal methods and their applications in software engineering. They are organized in topical sections on specification and verification; testing; verification; model checking and analysis; tools; application of formal methods; semantics.

Since the enactment of the Airline Deregulation Act in 1978, questions that had been at the heart of the ongoing debate about the industry for eighty years gained a new intensity: Is there enough competition among airlines to ensure that passengers do not pay excessive fares? Can an unregulated airline industry be profitable? Is air travel safe? While economic regulation provided a certain stability for both passengers and the industry, deregulation changed everything. A new fare structure emerged; travelers faced a variety of fares and travel restrictions; and the offerings changed frequently. In the last fifteen years, the airline industry's earnings have fluctuated wildly. New carriers entered the industry, but several declared bankruptcy, and Eastern, Pan Am, and Midway were liquidated. As financial pressures mounted, fears have arisen that air safety is being compromised by carriers who cut costs by skimping on maintenance and hiring inexperienced pilots. Deregulation itself became an issue with many critics calling for a return to some form of regulation. In this book, Steven A. Morrison and Clifford Winston assert that all too often public discussion of the issues of airline competition, profitability, and safety take place without a firm understanding of the facts. The policy recommendations that emerge frequently ignore the long-run evolution of the industry and its capacity to solve its own problems. This book provides a comprehensive profile of the industry as it has evolved, both before and since deregulation. The authors identify the problems the industry faces, assess their severity and their underlying causes, and indicate whether government policy can play an effective role in improving performance. They also develop a basis for understanding the industry's evolution and how the industry will eventually adapt to the unregulated economic environment. Morrison and Winston maintain that although the airline industry has not reached long-run equilibrium, its evolution is proceeding in a positive direction—one that will preserve and possibly enhance the benefits of deregulation to travelers and carriers. They conclude that the federal government's primary policy objective should be to expand the benefits from unregulated market forces to international travel. Brookings Review article also available

Provides information on using the ticketing system Request Tracker.

Human-System interaction has been and will continue to be of interest to many researchers of various disciplines: engineers, computer scientists, psychologists, and social scientists. The research in Human-System Interaction (HSI) has progressed from the era of using anthropomorphic data to design workspace to the current period which utilizes human and artificial sensors to design sensory-based cooperative workspace. In either of these developments, HSI has been known to be complex. In 1994, we initiated a series of symposiums on Human Interaction with Complex Systems. It was then that various ideas surrounding HSI for today and tomorrow were discussed by many scientists in the related disciplines. As a follow-up, in 1995 the Second Symposium was organized. The objective of this symposium was to attempt to define a framework, principles, and theories for HSI research. This book is the result of that symposium. The 1995 symposium brought together a number of experts in the area of HSI. The symposium was more focused on expert opinions and testimonies than traditional meetings for technical papers. There were three reasons for that approach.

Summary Entity Framework 4 in Action is an example-rich tutorial for .NET developers with full coverage of EF 4 features. The book begins with a review of the core ideas behind the ORM model and shows through detailed examples and larger case studies how Entity Framework offers a smooth transition from a traditional ADO.NET approach. About the Technology Entity Framework builds on the ADO.NET persistence model and the language features of LINQ to create a powerful persistence mechanism that bridges the gap between relational databases and object-oriented languages. About the Book Entity Framework 4 in Action is an example-rich tutorial that helps .NET developers learn and master the subject. It begins by explaining object/relational mapping and then shows how you can easily transition to EF from ADO.NET. Through numerous focused examples and two larger case studies, the book unfolds the EF story in a clear, easy-to-follow style. Infrastructure and inner workings of EF are discussed when you need them to understand a particular feature. This book is written for .NET developers. Knowledge of ADO.NET is helpful but not required. 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 Full coverage of EF 4 features Layer separation, Data Layer, and Domain Model Best practices Table of Contents PART 1 REDEFINING YOUR DATA-ACCESS STRATEGY Data access reloaded: Entity Framework Getting started with Entity Framework PART 2 GETTING STARTED WITH ENTITY FRAMEWORK Querying the object model: the basics Querying with LINQ to Entities Domain model mapping Understanding the entity lifecycle Persisting objects into the database Handling concurrency and transactions PART 3 MASTERING ENTITY FRAMEWORK An alternative way of querying: Entity SQL Working with stored procedures Working with functions and views Exploring EDM metadata Customizing code and the designer

For more than 40 years, Computerworld has been the leading source of technology news and information for IT influencers worldwide. Computerworld's award-winning Web site (Computerworld.com), twice-monthly publication, focused conference series and custom research form the hub of the world's largest global IT media network.

This vital volume clearly explains cutting-edge theories and views on strategic management in applied management fundamentals in the hospitality and tourism industry. The author discusses the latest in strategic thinking and provides information on implementing models within specific contexts, such as culture and profit and nonprofit organizations. He also looks at the political, economic, social, and technological changes that significantly affect tourism and hospitality. The volume is distinguished by its thoughtful analysis and review of related hospitality case studies and the management approaches employed and sheds light on ever-the emerging management and operation issues in the tourism and hospitality sector. The book employs an abundance of case studies that illustrate the concepts and models discussed, with examples from such heavyweights in the industry as Disney and Euro Disney, Aer Lingus, British Airways, Four Seasons, Holiday Inn, Marriot, Sofitel, Starwood Hotels, and more. Key features of the book include: Cutting-edge approach: Applies advanced and recent strategic management views to the tourism and hospitality field. Critical treatment: Provides critical discussions about whether and how strategic models/theories can be applied in the hospitality and tourism field. Sensitive to specific contexts: As the tourism and hospitality industry has become one of the largest industries worldwide, discusses how strategic management concepts can be applied in different cultures and profit and nonprofit tourism organizations. Extensive case studies: Provides supporting case studies related to the strategy content, context, and process from international industries such as Aer Lingus, Accor, Marriott and Ryanair. Organization of the book: Each of the chapters within the case study sections employs a thorough pedagogic structure consisting of a concise introduction, examples and case analysis, discussion points, exercises, and further reading. This book is designed to provoke thought and debate about strategic management and myriad other issues. It will be valuable for students, academics, universities offering hospitality and tourism, and hospitality and tourism professionals.

In this third edition the chapters have been enhanced to reflect changes in technology and the way the air transport industry runs. Key topics that are newly addressed include low cost airline operations, security issues and EASA regulations on airports. A new chapter covering extended details about wildlife control has been added to the volume.

Focusing on the business aspects of interactive systems, this book pays particular attention to applications involving videotex and multimedia. The author describes the technology of these systems, presents case studies detailing their applications, and offers a methodology for planning and producing such systems. Managers, planners, and academics who wish to apply information technology for operational and strategic ends will find no other book more practical, readable, or comprehensive.

Software Systems Architecture, Second Edition is a highly regarded, practitioner-oriented guide to designing and implementing effective architectures for information systems. It is both a readily accessible introduction to software architecture and an invaluable handbook of well-established best practices. With this book you will learn how to Design and communicate an architecture that reflects and balances the different needs of its stakeholders Focus on architecturally significant aspects of design, including frequently overlooked areas such as performance, resilience, and location Use scenarios and patterns to drive the creation and validation of your architecture Document your architecture as a set of related views Reflecting new standards and developments in the field, this new edition extends and updates much of the content, and Adds a "system context viewpoint" that documents the system's interactions with its environment Expands the discussion of architectural principles, showing how they can be used to provide traceability and rationale for architectural decisions Explains how agile development and architecture can work together Positions requirements and architecture activities in the project context Presents a new lightweight method for architectural validation Whether you are an aspiring or practicing software architect, you will find yourself referring repeatedly to the practical advice in this book throughout the lifecycle of your projects. A supporting Web site containing further information can be found at www.viewpoints-and-perspectives.info.

At last – the Australasian edition of Romney and Steinbart's respected AIS text! Accounting Information Systems first Australasian edition offers the most up-to-date, comprehensive and student-friendly coverage of Accounting Information Systems in Australia, New Zealand and Asia. Accounting Information Systems has been extensively revised and updated to incorporate local laws, standards and business practices. The text has a new and flexible structure developed especially for Australasian AIS courses, while also retaining the features that make the US edition easy to use. nt concepts such as systems cycles, controls, auditing, fraud and cybercrime, ethics and the REA data model are brought to life by a wide variety of Australasian case studies and examples. With a learning and teaching resource package second to none, this is the perfect resource for one-semester undergraduate and graduate courses in Accounting Information Systems.

The Evolution of the Airline IndustryBrookings Institution Press

This is the digital version of the printed book (Copyright © 2005). If you develop software without understanding the requirements, you're wasting your time. On the other hand, if a project spends too much time trying to understand the requirements, it will end up late and/or over-budget. And products that are created by such projects can be just as unsuccessful as those that fail to meet the basic requirements. Instead, every company must make a reasonable trade-off between what's required and what time and resources are available. Finding the right balance for your project may depend on many factors, including the corporate culture, the time-to-market pressure, and the criticality of the application. That is why requirements management—gathering requirements, identifying the "right" ones to satisfy, and documenting them—is essential. Just Enough Requirements Management shows you how to discover, prune, and document requirements when you are subjected to tight schedule constraints. You'll apply just enough process to minimize risks while still achieving desired outcomes. You'll determine how many requirements are just enough to satisfy your customers while still meeting your goals for schedule, budget, and resources. If your project has insufficient resources to satisfy all the requirements of your customers, you must read Just Enough Requirements Management.

As data holdings get bigger and questions get harder, data scientists and analysts must focus on the systems, the tools and techniques, and the disciplined process to get the correct answer, quickly! Whether you work within industry or government, this book will provide you with a foundation to successfully and confidently process large amounts of quantitative data. Here are just a dozen of the many questions answered within these pages: What does quantitative analysis of a system really mean? What is a system? What are big data and analytics? How do you know your numbers are good? What will the future data science environment look like? How do you determine data provenance? How do you gather and process information, and then organize, store, and synthesize it? How does an organization implement data analytics? Do you really need to think like a Chief Information Officer? What is the best way to protect data? What makes a good dashboard? What is the relationship between eating ice cream and getting attacked by a shark? The nine chapters in this book are arranged in three parts that address systems concepts in general, tools and techniques, and future trend topics. Systems concepts include contrasting open and closed systems, performing data mining and big data analysis, and gauging data quality. Tools and techniques include analyzing both continuous and discrete data, applying probability basics, and practicing quantitative analysis such as descriptive and inferential statistics. Future trends include leveraging the Internet of Everything, modeling Artificial Intelligence, and establishing a Data Analytics Support Office (DASO). Many examples are included that were generated using common software, such as Excel, Minitab, Tableau, SAS, and Crystal Ball. While words are good, examples can sometimes be a better teaching tool. For each example included, data files can be found on the companion website. Many of the data sets are tied to the global economy because they use data from shipping ports, air freight hubs, largest cities, and soccer teams. The appendices contain more detailed analysis including the 10 T's for Data Mining, Million Row Data Audit (MRDA) Processes, Analysis of Rainfall, and Simulation Models for Evaluating Traffic Flow.

This book examines how legal, political, and rights discourses, security policies and practices migrate and translate across the North Atlantic. The complex relationship between liberty and security has been fundamentally recast and contested in liberal democracies since the start of the 'global war on terror'. In addition to recognizing new agencies, political pressures, and new sensitivities to difference, it is important that not to over-state the novelty of the post-9/11 era: the war on terror simply made possible the intensification, expansion, or strengthening of policies already in existence, or simply enabled the shutting down of debate. Working from a common theoretical frame, if different disciplines, these chapters present policy-oriented analyses of the actual practices of security, policing, and law in the European Union and Canada. They focus on questions of risk and exception, state sovereignty and governance, liberty and rights, law and transparency, policing and security. In particular, the essays are concerned with charting how policies, practices, and ideas migrate between Canada, the EU and its member states. By taking 'field' approach to the study of security practices, the volume is not constrained by national case study or the solipsistic debates within subfields and bridges legal, political, and sociological analysis. It will be of much interest to students of critical security studies, sociology, law, global governance

and IR in general. Mark B. Salter is Associate Professor at the School of Political Studies, University of Ottawa.

Annotation Entrepreneurs and professionals are often neglected by travel suppliers when it comes to favourable pricing. Guerilla Travel Tactics presents independent business travellers with a clear, step-by-step plan for saving time and money when travelling at their own expense. The upbeat approach of Guerilla Travel Tactics will instill confidence in the business traveller to conquer soaring travel costs. Packed with inside information, the book contains topics such as getting the lowest possible air fares, finding hidden discounts at hotels, using the internet and credit cards to save money and buying only the travel insurance that is needed.

This is considered the resource textbook for the technology training and learning field. This best-selling book provides practical solutions and hundreds of tips for new and experienced trainers facing the challenge of how to help users learn new technology. It addresses the methods, technologies, and organizational issues faced by all training professionals.

The International Accounting and Finance Handbook is an excellent reference for assisting those with interests or responsibilities concerning the international dimensions of accounting, reporting, and control and finance. It provides the tools for managers who need to come to grips with the differences in accounting principles, financial disclosure and auditing practices in the worldwide finance and accounting arena. * Provides an overview of international accounting and finance issues * Contributors are from Big-5 firms, top legal and finance firms, and well-known academics * Author is a leading academic expert in international accounting and finance with a great deal of practical consulting experience * Shows important trends in international finance and accounting * Provides practical examples and case studies Cisco IOS 12.0 Bridging and IBM Network Solutions contains configuration scenarios and command reference information that demonstrate bridging and IBM networking options. Written for network administrators, this guide explores transparent and source-route transparent bridging, Source-Route Bridging (SRB), data link switching plus (DLSw+), serial tunnel and block serial tunnel, SDLC and LLC2 parameters, and advanced peer-to-peer networking.

The continuous growth and expansion of the travel sector has brought about a greater need to understand and improve its various promotional tactics. Effectively employing these methods will benefit all manner of travel destinations and attract a larger number of tourists to these locations. Emerging Innovative Marketing Strategies in the Tourism Industry is an authoritative title comprised of the latest scholarly research on effective promotional tools and practices within the tourism sector. Featuring expansive coverage on a variety of topics from the use of information technology and digital tools to tourist motivation and economic considerations, this publication is an essential reference source for students, researchers, and practitioners seeking research on the latest applications, models, and approaches for promotion in the travel industry. This publication features valuable, research-based chapters across a broad range of relevant topics including, but not limited to, consumer search behavior, customer relationship management, smart technologies, experiential tourist products, leisure services, national brand images, and employment generation.

Covers topics including .NET Framework and CLR fundamentals, .NET features, Web services, programming with GDI+, and interoperability, and provides a Visual Basic .NET overview.

Air Transportation: A Management Perspective by John Wensveen is a proven textbook that offers a comprehensive introduction to the theory and practice of air transportation management. In addition to explaining the fundamentals, the book transports the reader to the leading edge of the discipline, using past and present trends to forecast future challenges and opportunities the industry may face, encouraging the reader to really think about the decisions a manager implements. Written in an easy-to-read, easy-to-understand style, the Eighth Edition modernizes the text focusing on newly emerging management trends, innovative technology, and an increased emphasis on global changes in the industry that will change the future of aviation. New and updated material has been added throughout the text including mini case examples and supplemental presentation materials for each chapter. Air Transportation: A Management Perspective is suitable for almost all aviation programs that feature business and management. Its student-friendly structure and style make it highly suitable for modular courses and distance-learning programs, or for self-directed study and continuing personal professional development.

Aerospace law is seeing a gradual merger between the two previously isolated regimes of human conduct pertaining separately to air and to space law. The use of information technology is arguably the foremost compelling force responsible for the unity of the aviation and space activities of man. It is therefore inevitable that information technology, computer law and the laws pertaining to State and individual responsibility are inextricably intertwined in a net of legal issues which would emerge in this new millennium. Frontiers of Aerospace Law introduces such issues as challenges to be addressed, both as corollaries and concomitants to this fundamental and overriding trend in the merger between air and space law. The issues range in space from legal liabilities pertaining to extra-terrestrial intelligence; environmental pollution in outer space; conduct of persons in outer space; to cyber crimes affecting outer space activities; and in air law, issues such as aircraft noise; economic trends of airports and air navigation services; funding for aviation safety projects; and emergent aero-medical issues and privacy of airline pilots. Its recommendations are geared to look future reality directly in the face and find legal solutions. In the realm of public international law, remedial measures are almost non-existent in the field of aerospace law, except for a solid foundation given to the Council of the International Civil Aviation Organization to hear disputes between States on matters relating to civil aviation, a facility which has so far scarcely been used in the Organization's 55 year old history. Apart from a few provisions in the various space law conventions, there is no single coherent settlement mechanism at space law. The increasingly rapid proliferation of space activities in the coming years and their diversity leave no room for doubt that new laws will have to be put into place and new mechanisms to combat problems will have to be carefully thought

Approaches to good software quality assurance practices in support of IEEE Std 730-1989 are identified. These practices are directed toward the development and maintenance of critical software, that is, where failure could impair safety or cause large financial losses.

The practical guide to C#.NET development for experienced programmers. Running case study covers the entire .NET development process. .NET attributes, collections, threading, security, versioning, remoting, and more.

This fully revised and updated second edition provides over 7,000 definitions of travel and tourism terminology used throughout the world, highlighting the many differences between US and European usage. It covers all aspects of the tourism industry, including hospitality, transport, and ancillary services. It explains the operating language of the travel industry, acronyms and abbreviations of organizations, associations and trade bodies, IT terms and brand names, and provides website addresses. Entries vary from one-line definitions to 500 word articles, and references are provided for further reading. This new edition contains over 500 new entries and the unique cross referencing system has been extended; for example accessing any entry about business travel leads to over 70 others. It is an essential reference tool for anyone involved in tourism research, and everyone in the travel industry.

This timely and authoritative book addresses the commercial and liability issues following commercial aviation into and beyond the year 2000.

An instant classic when first published in 1991, How to Lie with Maps revealed how the choices mapmakers make—consciously or unconsciously—mean that every map inevitably presents only one of many possible stories about the places it depicts. The principles Mark Monmonier outlined back then remain true today, despite significant technological changes in the making and use of maps. The introduction and spread of digital maps and mapping software, however, have added new wrinkles to the ever-evolving landscape of modern mapmaking. Fully updated for the digital age, this new edition of How to Lie

with Maps examines the myriad ways that technology offers new opportunities for cartographic mischief, deception, and propaganda. While retaining the same brevity, range, and humor as its predecessors, this third edition includes significant updates throughout as well as new chapters on image maps, prohibitive cartography, and online maps. It also includes an expanded section of color images and an updated list of sources for further reading.

It has, improbably, been called uncommonly lucid, even riveting by The New York Times, and it was a finalist for the 2004 National Book Awards nonfiction honor. It is a literally chilling read, especially in its minute-by-minute description of the events of the morning of 9/11 inside the Twin Towers. It is The 9/11 Commission Report, which was, before its publication, perhaps one of the most anticipated government reports of all time, and has been since an unlikely bestseller. The official statement by the National Commission on Terrorist Attacks Upon the United States—which was instituted in late 2002 and chaired by former New Jersey Governor Thomas Kean—it details what went wrong on that day (such as intelligence failures), what went right (the heroic response of emergency services and self-organizing civilians), and how to avert similar future attacks. Highlighting evidence from the day, from airport surveillance footage of the terrorists to phone calls from the doomed flights, and offering details that have otherwise gone unheard, this is an astonishing firsthand document of contemporary history. While controversial in parts—it has been criticized for failing to include testimony from key individuals, and it completely omits any mention of the mysterious collapse of WTC 7—it is nevertheless an essential record of one of the most transformational events of modern times.

This second edition, which is intended to provide step-by-step approach to the fundamentals of systems development in interactive hands-on and stimulating learning environment, includes new chapters that focus on object-oriented analysis and design and approach to web application development. To enhance understanding of the subject, all the topics of the first edition have been reviewed and expanded. In this workbook, examples are introduced in the sequence in which they would be needed during systems analysis and design. The book first outlines the steps followed in analysis and design and then illustrates the same with examples. The end-of-chapter practice exercises provide an incremental framework to reinforce the hands-on nature of learning. This should serve as an ideal workbook for students and instructors as well as for the systems analysts and designers of IT companies to solve their day-to-day systems related problems.

For more than 20 years, Network World has been the premier provider of information, intelligence and insight for network and IT executives responsible for the digital nervous systems of large organizations. Readers are responsible for designing, implementing and managing the voice, data and video systems their companies use to support everything from business critical applications to employee collaboration and electronic commerce.

Software architecture—the conceptual glue that holds every phase of a project together for its many stakeholders—is widely recognized as a critical element in modern software development. Practitioners have increasingly discovered that close attention to a software system's architecture pays valuable dividends. Without an architecture that is appropriate for the problem being solved, a project will stumble along or, most likely, fail. Even with a superb architecture, if that architecture is not well understood or well communicated the project is unlikely to succeed. Documenting Software Architectures, Second Edition, provides the most complete and current guidance, independent of language or notation, on how to capture an architecture in a commonly understandable form. Drawing on their extensive experience, the authors first help you decide what information to document, and then, with guidelines and examples (in various notations, including UML), show you how to express an architecture so that others can successfully build, use, and maintain a system from it. The book features rules for sound documentation, the goals and strategies of documentation, architectural views and styles, documentation for software interfaces and software behavior, and templates for capturing and organizing information to generate a coherent package. New and improved in this second edition: Coverage of architectural styles such as service-oriented architectures, multi-tier architectures, and data models Guidance for documentation in an Agile development environment Deeper treatment of documentation of rationale, reflecting best industrial practices Improved templates, reflecting years of use and feedback, and more documentation layout options A new, comprehensive example (available online), featuring documentation of a Web-based service-oriented system Reference guides for three important architecture documentation languages: UML, AADL, and SySML

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