

Use Case Diagram Tour And Travel

Thank you very much for downloading **Use Case Diagram Tour And Travel** . Maybe you have knowledge that, people have look hundreds times for their favorite readings like this Use Case Diagram Tour And Travel , but end up in harmful downloads.

Rather than enjoying a good book with a cup of tea in the afternoon, instead they cope with some harmful bugs inside their computer.

Use Case Diagram Tour And Travel is available in our digital library an online access to it is set as public so you can download it instantly.

Our books collection spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one.

Kindly say, the Use Case Diagram Tour And Travel is universally compatible with any devices to read

Embedded Systems Design - The Engineer's Toolbox - Mark Donners 2016-12-07

This book was written out of necessity because during his studies, the author was unable to find a book that covers the complete process of designing embedded systems. The book provides you several tools that will make your job as a designer of embedded systems easier. The used method divides the process of designing into four stages; Specify, Design, Create and Validate. These stages cover all necessary steps in the design process. Each Stage is documented in a way that enables you to apply it to your own design process. Designers who are at the beginning of their career will have a great start when using this book. More advanced users will also benefit the design method and the design tools. The author included some cases to show the readers how the design method and the tools from the toolbox can be used in the process of designing embedded systems. Feel free to use the information in this book as a starting point and a guide for your designs. This is the Black and white edition.

Robots, Artificial Intelligence and Service Automation in Travel, Tourism and Hospitality - Stanislav Ivanov 2019-10-14

Using a combination of theoretical discussion and real-world case studies, this book focuses on current and future use of RAISA technologies in the tourism economy, including examples from the hotel, restaurant, travel agency, museum, and events industries.

Recent Advances in Information and Communication Technology 2018 - Herwig Unger 2018-06-26

This book contains the research contributions presented at the 14th International Conference on Computing and Information Technology (IC2IT 2018) organised by King Mongkut's University of Technology North Bangkok and its partners, and held in the northern Thai city of Chiang Mai in July 2018. Traditionally, IC2IT 2018 provides a forum for exchange on the state of the art and on expected future developments in its field. Correspondingly, this book contains chapters on topics in data mining, machine learning, natural language processing, image processing, networks and security, software engineering and information technology. With them, the editors want to foster inspiring discussions among colleagues, not only during the conference. It is also intended to contribute to a deeper understanding of the underlying problems as needed to solve them in complex environments and, beneficial for this purpose, to encourage interdisciplinary cooperation.

Database Support for Workflow Management - Paul Grefen 2012-12-06

Database Support for Workflow Management: The WIDE Project presents the results of the ESPRIT WIDE project on advanced database support for workflow management. The book discusses the state of the art in combining database management and workflow management technology, especially in the areas of transaction and exception management. This technology is complemented by a high-level conceptual workflow model and associated workflow application design methodology. In WIDE, advanced base technology is applied, like a distributed computing model based on the corba standard. The usability of the WIDE approach is documented in this book by a discussion of two real-world applications from the insurance and health care domains. Database Support for Workflow Management: The WIDE Project serves as an excellent reference, and may be used for advanced courses on database and workflow management systems.

On the Move to Meaningful Internet Systems 2004: OTM 2004 Workshops - R. Meersman 2004-10-14

This book constitutes the joint refereed proceedings of seven international workshops held as part of OTM 2004 in Agia Napa, Cyprus in October 2004. The 73 revised papers presented together with 31 abstracts of posters from the OTM main conferences were carefully reviewed and selected from more than 150 submissions. In accordance with the 7 workshops, the papers are organized in topical sections on grid computing and its applications to data analysis; Java technologies for real-time and embedded systems; modeling inter-organizational systems; regulatory ontologies; ontologies, semantics and e-learning; PhD symposium; and interoperability.

Modelling Foundations and Applications - Alfonso Pierantonio 2018-06-18

This book constitutes the proceedings of the 14th European Conference on Modelling Foundations and Applications, ECMFA 2018, held as part of STAF 2018, in Toulouse, France, in June 2018. The 19 papers presented in this volume were carefully reviewed and selected from 45 submissions. The cover topics such as (bidirectional and unidirectional) model transformations, model management, re-engineering, modelling environments, verification and validation, and domain-specific modelling w.r.t. business processes, automotive software, and safety-critical software.

UML by Example - Ghinwa Jalloul 2004-01-19

This is a step-by-step introduction to object-oriented software development. It is suitable for teaching and for self study by practising software engineers seeking to add rigour to their techniques. Seven complete case studies are included along with several smaller examples derived from small software projects developed for and delivered to real users. These examples make use of a bridge process, which presents a systematic approach for developing analysis models and unfolding these incrementally and iteratively through to design models and implementation. The process could be viewed as one example of unified software development and has the potential of being scalable to large software problems. It also provides a model for organising deliverables obtained throughout different phases of the software life cycle. These case studies provide a medium for experimental use and act as templates that can be tailored by readers to fit their specific needs and circumstances.

ICASI 2020 - Rahmat Hidayat 2020-06-18

As an annual event, The 3rd INTERNATIONAL CONFERENCE ON ADVANCE & SCIENTIFIC INNOVATION (ICASI) 2020 continued the agenda to bring together researcher, academics, experts and professionals in examining selected theme by applying multidisciplinary approaches. In 2020, this event will be held in 20 June at Garuda Plaza Hotel Medan. The conference from any kind of stakeholders related with Management, Economy, Administration Business, Tourism, Policy, Law, Operation Management and all research in Social Science and Humanities. Each contributed paper was refereed before being accepted for publication. The double-blind peer reviewed was used in the paper selection.

Patterns for Effective Use Cases - Steve Adolph 2003

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

patterns.

Handbook of Technology Application in Tourism in Asia - Azizul Hassan 2022-07-09

It is an undisputed reality that the tourism industry in Asia is getting exposed to more innovative technologies than ever before. This proposed book provides the latest research in the application of innovative technology to the tourism industry, covering the perspectives, innovativeness, theories, issues, complexities, opportunities and challenges. This book, a blend of comprehensive and extensive effort by the contributors and editors, is designed to cover the application and practice of technology in tourism, including the relevant niches. This book focuses on the importance of technology in tourism. This also highlights, in a comprehensive manner, specific technologies that are impacting the tourism industry in Asia, as well as the constraints the industry is facing. The contents of this book deal with distinct topics, such as mobile computing, new product designs, innovative technology usages in tourism promotion, technology-driven sustainable tourism development, location-based apps, mobility, accessibility and so on. A good number of research studies have conducted outlining the contributions and importance of technologies in tourism, in general. However, the tourism industry of Asia so far has attracted very few researchers. Some contributions have been made but not sufficient. Considering the ongoing trend of technology application in the tourism industry in Asia, very few research attempts have been made aiming to explore diverse aspects. Tourism is expanding enormously across the world. which actually creates more demands for effective technologies. This book will be a reading companion, especially for tourism students in higher academic institutions. This book will also be read by the relevant policy planners and industry professionals. Apart from them, this book will be appreciated by expatriate researchers and researchers having keen interest in the Asian tourism industry.

Advances in Computer Vision - Kohei Arai 2019-04-23

This book presents a remarkable collection of chapters covering a wide range of topics in the areas of Computer Vision, both from theoretical and application perspectives. It gathers the proceedings of the Computer Vision Conference (CVC 2019), held in Las Vegas, USA from May 2 to 3, 2019. The conference attracted a total of 371 submissions from pioneering researchers, scientists, industrial engineers, and students all around the world. These submissions underwent a double-blind peer review process, after which 118 (including 7 poster papers) were selected for inclusion in these proceedings. The book's goal is to reflect the intellectual breadth and depth of current research on computer vision, from classical to intelligent scope. Accordingly, its respective chapters address state-of-the-art intelligent methods and techniques for solving real-world problems, while also outlining future research directions. Topic areas covered include Machine Vision and Learning, Data Science, Image Processing, Deep Learning, and Computer Vision Applications.

Beginning JBoss Seam - Joseph Faisal Nusairat 2007-04-30

JBoss Seam represents the primary counter to the hot and successful Spring Framework and perhaps even Ruby on Rails framework. The open source lightweight Java EE 5 standards based JBoss Seam framework is a part of this second wave of open source lightweight Java that's taking place. This book aims to take advantage of this hot area. It gives an overview of Seam related JSF and EJB 3 as found in Java EE 5. It provides information on the tools to make development with Seam easier as well as a functioning in depth demo to truly learn how to use Seam. Tips and tricks to using Seam are also included.

Human-computer Interaction, INTERACT '99 - Ifip Technical Committee 13 on Human Computer Interaction 1999

This text provides an overview of leading-edge developments in the field of human-computer interaction. It includes contributions from many key areas that are influencing the use of computers. Sections include speech technology, interaction with mobile and hand-held computers, e-business, web-based systems, virtual reality and haptic interfaces.

Process-Driven Applications with BPMN - Volker Stiehl 2014-09-17

How can we optimize differentiating business processes and exploit their full potential? Here Volker Stiehl provides answers, utilizing the various options that the BPMN (Business Process Model and Notation) standard offers for planning, implementing and monitoring processes. The book presents an approach for implementing an architecture for applications that strives to find a balance between development and

maintenance costs, sustainability, scalability and fault tolerance; that meets flexibility requirements without becoming inordinately complex itself; and that keeps the end application as abstract as possible from the system landscape in which it operates. Based on the semantic enhancements found in version 2.0 of the BPMN standard, which have made it possible to execute process models, his approach exploits BPMN to create and run complete application architectures. In this context, BPMN is not just used to model the business processes of the application, as the "B" in BPMN might suggest; but also to model and execute the integration processes between the systems. Throughout the book, the software package SAP Process Orchestration is used to illustrate the implementation of the proposed architecture, yet all recommendations are intentionally kept generic so that they can be implemented on any other comparable platform as well. Software architects, IT managers, software developers and project managers, as well as students of information and business technology will find the book a valuable resource. The proposed application architecture offers them a detailed blueprint, the principles of which they can use to plan and implement process-driven distributed applications.

International Conference on Communication, Computing and Electronics Systems - V. Bindhu 2021-03-25

This book includes high-quality papers presented at the International Conference on Communication, Computing and Electronics Systems 2020, held at the PPG Institute of Technology, Coimbatore, India, on 21-22 October 2020. The book covers topics such as automation, VLSI, embedded systems, integrated device technology, satellite communication, optical communication, RF communication, microwave engineering, artificial intelligence, deep learning, pattern recognition, Internet of Things, precision models, bioinformatics, and healthcare informatics.

Knowledge-Based Software Engineering: 2018 - Maria Virvou 2018-08-03

This book summarizes the new research results presented at the 12th Joint Conference on Knowledge-Based Software Engineering (JCKBSE 2018), which took place on August 27-30, 2018 on the island of Corfu, Greece. The JCKBSE is a well-established international biennial conference that focuses on the applications of Artificial Intelligence in Software Engineering. The JCKBSE 2018 was organized by the Department of Informatics of the University of Piraeus, the Department of Computer and Information Engineering of Nippon Institute of Technology, and the Department of Informatics of Ionian University. The book will benefit not only experts and researchers in the field of (Knowledge-Based) Software Engineering, but also general readers in the fields of Artificial Intelligence, Computational Intelligence and Computer Science who wish to learn more about the field of (Knowledge-Based) Software Engineering and its applications. An extensive list of bibliographic references at the end of each paper encourages readers to probe further into the application areas that interest them most.

Advances in Intelligent IT - Yuefeng Li 2006

" In the great digital era, we are witnessing many rapid scientific and technological developments in human-centered, seamless computing environments, interfaces, devices and systems with applications ranging from business and communication to entertainment and learning. These developments are collectively best characterized as Active Media Technology (AMT), a new area of intelligent information technology and computer science that emphasizes the proactive, seamless roles of interfaces and systems as well as new media in all aspects of digital life. An AMT based computer system offers services that enable the rapid design, implementation, deploying and support of customized solutions. This book brings together papers from researchers from diverse areas, such as Web intelligence, data mining, intelligent agents, smart information use, networking and intelligent interface. The book includes papers on the following topics: Active Computer Systems and Intelligent Interfaces; Adaptive Web Systems and Information Foraging Agents; Web mining, Wisdom Web and Web Intelligence; E-Commerce and Web Services; Data Mining, Ontology Mining and Data Reasoning; Network, Mobile and Wireless Security; Entertainment and Social Applications of Active Media; Agent-Based Software Engineering and Multi-Agent Systems; Digital City and Digital Interactivity; Machine Learning and Human-Centered Robotics; Multi-Modal Processing, Detection, Recognition, and Expression Analysis; Personalized, Pervasive, and Ubiquitous Systems and their Interfaces; Smart Digital Media; and Evaluation of Active Media and AMT Based Systems. "

Requirements in Engineering Projects - João M. Fernandes 2015-07-18

This book focuses on various topics related to engineering and management of requirements, in particular elicitation, negotiation, prioritisation, and documentation (whether with natural languages or with graphical models). The book provides methods and techniques that help to characterise, in a systematic manner, the requirements of the intended engineering system. It was written with the goal of being adopted as the main text for courses on requirements engineering, or as a strong reference to the topics of requirements in courses with a broader scope. It can also be used in vocational courses, for professionals interested in the software and information systems domain. Readers who have finished this book will be able to: - establish and plan a requirements engineering process within the development of complex engineering systems; - define and identify the types of relevant requirements in engineering projects; - choose and apply the most appropriate techniques to elicit the requirements of a given system; - conduct and manage negotiation and prioritisation processes for the requirements of a given engineering system; - document the requirements of the system under development, either in natural language or with graphical and formal models. Each chapter includes a set of exercises.

International Conference on Cognitive based Information Processing and Applications (CIPA 2021) - Bernard J. Jansen 2021-10-28

This book contains papers presented at the International Conference on Cognitive based Information Processing and Applications (CIPA) held during August 21, 2021, online conference (since COVID 19), which is divided into a 2-volume book. The papers in the first volume represent the various technological advancements in network information processing, graphics and image processing, medical care, machine learning, smart cities. It caters to postgraduate students, researchers, and practitioners specializing and working in the area of cognitive-inspired computing and information processing.

Systems Analysis and Design - Alan Dennis 2008-12-10

The 4th edition of Systems Analysis and Design continues to offer a hands-on approach to SA&D while focusing on the core set of skills that all analysts must possess. Building on their experience as professional systems analysts and award-winning teachers, authors Dennis, Wixom, and Roth capture the experience of developing and analyzing systems in a way that students can understand and apply. With Systems Analysis and Design, 4th edition, students will leave the course with experience that is a rich foundation for further work as a systems analyst.

eTourism case studies: - Roman Egger 2011-01-03

eTourism Case Studies bridges the gap in contemporary literature by carefully examining marketing and management issues of many international companies that have successfully implemented eTourism solutions. Divided into six sections this book explores the newest developments in this field, introducing and discussing emerging trends, approaches, models and paradigms, providing visions for the future of eTourism and supporting discussion and elaboration with the help of thorough pedagogic aids. With contributions from leading global experts both from the industry and academia, each case follows a rigid structure, with features such as bulleted summaries and review questions, as well as each section having its own thorough introduction and conclusion written by the editors, highlighting the key issues and theories. This is the first book of its kind to bring together cases highlighting best practice and methods for exploiting ICT in the tourism industry, from international market leaders.

Instructional Design: Concepts, Methodologies, Tools and Applications - Management Association, Information Resources 2011-03-31

Successful educational programs are often the result of pragmatic design and development methodologies that take into account all aspects of the educational and instructional experience. *Instructional Design: Concepts, Methodologies, Tools and Applications* presents a complete overview of historical perspectives, new methods and applications, and models in instructional design research and development. This three-volume work covers all fundamental strategies and theories and encourages continued research in strengthening the consistent design and reliable results of educational programs and models.

Requirements Engineering: Foundation for Software Quality - Daniel M. Berry 2011-03-16

This book constitutes the refereed proceedings of the 17th International Working Conference on Requirements Engineering: Foundation for Software Quality, REFSQ 2011, held in Essen, Germany, in March 2011. The 10 revised full papers and the 9 short papers presented were carefully reviewed and

selected from 59 submissions. The papers are organized in seven topical sections on security and sustainability; process improvement and requirements in context; elicitation; models; services; embedded and real-time systems; and prioritization and traceability.

Advances in Intelligent IT - Y. Li 2006-05-09

In the great digital era, we are witnessing many rapid scientific and technological developments in human-centered, seamless computing environments, interfaces, devices and systems with applications ranging from business and communication to entertainment and learning. These developments are collectively best characterized as Active Media Technology (AMT), a new area of intelligent information technology and computer science that emphasizes the proactive, seamless roles of interfaces and systems as well as new media in all aspects of digital life. An AMT based computer system offers services that enable the rapid design, implementation, deploying and support of customized solutions. This book brings together papers from researchers from diverse areas, such as Web intelligence, data mining, intelligent agents, smart information use, networking and intelligent interface. The book includes papers on the following topics: Active Computer Systems and Intelligent Interfaces; Adaptive Web Systems and Information Foraging Agents; Web mining, Wisdom Web and Web Intelligence; E-Commerce and Web Services; Data Mining, Ontology Mining and Data Reasoning; Network, Mobile and Wireless Security; Entertainment and Social Applications of Active Media; Agent-Based Software Engineering and Multi-Agent Systems; Digital City and Digital Interactivity; Machine Learning and Human-Centered Robotics; Multi-Modal Processing, Detection, Recognition, and Expression Analysis; Personalized, Pervasive, and Ubiquitous Systems and their Interfaces; Smart Digital Media; and Evaluation of Active Media and AMT Based Systems.

Q-Course Introduction to Quality Management - Bob Legrand 2010-09-03

This accessible book describes all aspects of Quality Management in the Organization. The book is full of tips for practical and efficient testing and realization of quality. It is up to the latest 2010 quality standards. It describes all relevant quality standards and methodologies like CMM, CMMI, Prince2, ITIL, ISO9001, CobiT, TQM etc, and of course the Q-Course. The book addresses a lot of organizational aspects with respect to quality. This book can be used for educational purposes. It is currently used at German Universities of Collaborative Education and the Q-Course Foundation exams are approved by the Saxonian State Ministry for Education. Take the Q-Course, improve quality, improve your organization and save a lot of money!! This is the retail version (Amazon etc).

Object-Oriented Analysis and Design Using UML - MAHESH P. MATHA 2008-04-09

A modern computer program, such as the one that controls a rocket's journey to moon, is like a medieval cathedral—vast, complex, layered with circuits and mazes. To write such a program, which probably runs into a hundred thousand lines or more, knowledge of an object-oriented language like Java or C++ is not enough. Unified Modelling Language (UML), elaborated in detail in this book, is a methodology that assists in the design of software systems. The first task in the making of a software product is to gather requirements from the client. This well-organized and clearly presented text develops a formal method to write down these requirements as Use Cases in UML. Besides, it also develops the concepts of static and dynamic modelling and the Unified Process that suggests incremental and iterative development of software, taking client feedback at every step. The concept of Design Patterns which provide solutions to problems that occur repeatedly during software development is discussed in detail in the concluding chapters. Two appendices provide solutions to two real-life problems. Case Studies, mapping of examples into Java code that are executable on computers, summary and Review Questions at the end of every chapter make the book reader friendly. The book will prove extremely useful to undergraduate and postgraduate students of Computer Science and Engineering, Information Technology, and Master of Computer Applications (MCA). It will also benefit professionals who wish to sharpen their programming skills using UML.

Trade and Transport Facilitation Monitoring Mechanism in Nepal - Asian Development Bank 2017-12-01

The establishment of a Trade and Transport Facilitation Monitoring Mechanism (TTFMM) is important because it allows a country to take stock, identify bottlenecks, and prioritize recommendations for the implementation of trade facilitation measures. A baseline study is the first step to establish TTFMM. This report reviews trade and transport procedures in Nepal, highlights the importance of monitoring trade and

transport facilitation, and lays a foundation for future studies and establishment of long-term, sustainable TTFMM. In light of the Bangladesh, Bhutan, India, Nepal (BBIN) Motor Vehicles Agreement, the report presents both the challenges and enormous opportunities for enhancing efficiency along the BBIN corridors.

Information Diffusion Management and Knowledge Sharing: Breakthroughs in Research and Practice - Management Association, Information Resources 2019-10-11

Within the past 10 years, tremendous innovations have been brought forth in information diffusion and management. Such technologies as social media have transformed the way that information is disseminated and used, making it critical to understand its distribution through these mediums. With the consistent creation and wide availability of information, it has become imperative to remain updated on the latest trends and applications in this field. Information Diffusion Management and Knowledge Sharing: Breakthroughs in Research and Practice examines the trends, models, challenges, issues, and strategies of information diffusion and management from a global context. Highlighting a range of topics such as influence maximization, information spread control, and social influence, this publication is an ideal reference source for managers, librarians, information systems specialists, professionals, researchers, and administrators seeking current research on the theories and applications of global information management.

Science and society, patterns and trends of development - 2021-04-30

Abstracts of XVI International Scientific and Practical Conference

Business Modeling and Software Design - Boris Shishkov 2021-07-01

This book constitutes the refereed proceedings of the 11th International Symposium on Business Modeling and Software Design, BMSD 2021, which took place in Sofia, Bulgaria, in July 2021. The 14 full and 13 short papers included in this book were carefully reviewed and selected from a total of 61 submissions. BMSD is a leading international forum that brings together researchers and practitioners interested in business modeling and its relation to software design. Particular areas of interest are: Business Processes and Enterprise Engineering; Business Models and Requirements; Business Models and Services; Business Models and Software; Information Systems Architectures and Paradigms; Data Aspects in Business Modeling and Software Development; Blockchain-Based Business Models and Information Systems; IoT and Implications for Enterprise Information Systems. The BMSD 2021 theme was: Towards Enterprises and Software that are Resilient against Disruptive Events.

C++ for Artists - Rick Miller 2003

C++ For Artists The Art, Philosophy, and Science of Object-Oriented Programming takes a refreshing and sometimes controversial approach to the complex topic of object-oriented programming and the C++ language. Intended as both a classroom and reference t

Systems Analysis and Design in a Changing World - John W. Satzinger 2015-02-01

Refined and streamlined, SYSTEMS ANALYSIS AND DESIGN IN A CHANGING WORLD, 7E helps students develop the conceptual, technical, and managerial foundations for systems analysis design and implementation as well as project management principles for systems development. Using case driven techniques, the succinct 14-chapter text focuses on content that is key for success in today's market. The authors' highly effective presentation teaches both traditional (structured) and object-oriented (OO) approaches to systems analysis and design. The book highlights use cases, use diagrams, and use case descriptions required for a modeling approach, while demonstrating their application to traditional, web development, object-oriented, and service-oriented architecture approaches. The Seventh Edition's refined sequence of topics makes it easier to read and understand than ever. Regrouped analysis and design chapters provide more flexibility in course organization. Additionally, the text's running cases have been completely updated and now include a stronger focus on connectivity in applications. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Requirements Engineering: Foundation for Software Quality - Barbara Paech 2008-06-10

This book constitutes the refereed proceedings of the 14th International Working Conference on Requirements Engineering: Foundation for Software Quality, REFSQ 2008, held in Montpellier, France, in

June 2008. The 17 revised full papers presented together with an introduction of the editors and the keynote lecture were carefully reviewed and selected from 50 submissions. The papers are organized in thematic sections on fitness of RE, requirements elicitation, industrial experience of RE, innovative systems, maturing research, and empirical studies.

Perspectives in the Development of Mobile Medical Information Systems - Pantea Keikhosrokiani 2019-11-19

Perspectives in the Development of Mobile Medical Information Systems: Life Cycle, Management, Methodological Approach and Application discusses System Development Life Cycle (SDLC) thoroughly, focusing on Mobile Healthcare Information Systems (M-HIS). Covering all aspect of M-HIS development, the book moves from modeling, assessment, and design phases towards prototype phase. Topics such as mobile healthcare information system requirements, model identification, user behavior, system analysis and design are all discussed. Additionally, it covers the construction, coding and testing of a new system, and encompasses a discussion on future directions of the field. Based on an existing mobile cardiac emergency system used as a real case throughout the chapters, and unifying and clarifying the various processes and concepts of SDLC for M-HIS, this book is a valuable source for medical informaticians, graduate students and several members of biomedical and medical fields interested in medical information systems. Presents a system development life cycle that can be used for developing different kinds of systems others than health related and also can be used for educational purposes Includes behavioral studies in the system development life cycle to assist in the design of systems with consideration of users' behavior, which is even more important for medical systems Uses a real mobile cardiac emergency system as an example for systems development

Handbook of Visual Languages for Instructional Design: Theories and Practices - Botturi, Luca 2007-12-31
Presents languages and notation systems of ID and the integration of these technologies in education.

Head First Object-Oriented Analysis and Design - Brett McLaughlin 2006-11-27

Provides information on analyzing, designing, and writing object-oriented software.

Subject-Oriented Business Process Management - Albert Fleischmann 2012-10-31

Activities performed in organizations are coordinated via communication between the people involved. The sentences used to communicate are naturally structured by subject, verb, and object. The subject describes the actor, the verb the action and the object what is affected by the action. Subject-oriented Business Process Management (S-BPM) as presented in this book is based on this simple structure which enables process-oriented thinking and process modeling. S-BPM puts the subject of a process at the center of attention and thus deals with business processes and their organizational environment from a new perspective, meeting organizational requirements in a much better way than traditional approaches. Subjects represent agents of an action in a process, which can be either technical or human (e.g. a thread in an IT system or a clerk). A process structures the actions of each subject and coordinates the required communication among the subjects. S-BPM provides a coherent procedural framework to model and analyze business processes: its focus is the cooperation of all stakeholders involved in the strategic, tactical, and operational issues, sharing their knowledge in a networked structure. The authors illustrate how each modeling activity through the whole development lifecycle can be supported through the use of appropriate software tools. The presentation style focuses on professionals in industry, and on students specializing in process management or organizational modeling. Each chapter begins with a summary of key findings and is full of examples, hints, and possible pitfalls. An interpreter model, a toolbox, and a glossary summarizing the main terms complete the book. The web site www.i2pm.net provides additional software tools and further material.

Practicing Software Engineering in the 21st Century - Joan Peckham 2003-01-01

"This technological manual explores how software engineering principles can be used in tandem with software development tools to produce economical and reliable software that is faster and more accurate. Tools and techniques provided include the Unified Process for GIS application development, service-based approaches to business and information technology alignment, and an integrated model of application and software security. Current methods and future possibilities for software design are covered."

Systems Engineering Demystified - Jon Holt 2021-01-29

Get to grips with systems engineering life cycles, processes, and best practices and discover techniques to successfully develop complex systems

Key Features Discover how to manage increased complexity and understand systems better via effective communication Adopt a proven model-based approach for systems engineering in your organization Apply proven techniques for requirements, design, validation and verification, and systems engineering management

Book Description Systems engineering helps us to understand, specify, and develop complex systems, and is applied across a wide set of disciplines. As systems and their associated problems become increasingly complex in this evermore connected world, the need for more rigorous, demonstrable, and repeatable techniques also increases. Written by Professor Jon Holt - an internationally recognized systems engineering expert - this book provides a blend of technical and business aspects you need to understand in order to develop successful systems. You'll start with systems engineering basics and understand the complexity, communication, and different stakeholders' views of the system. The book then covers essential aspects of model-based systems engineering, systems, life cycles, and processes, along with techniques to develop systems. Moving on, you'll explore system models and visualization techniques, focusing on the SysML, and discover how solutions can be defined by developing effective system design, verification, and validation techniques. The book concludes by taking you through key management processes and systems engineering best practices and guidelines. By the end of this systems engineering book, you'll be able to confidently apply modern model-based systems engineering techniques to your own systems and projects. What you will learn

Understand the three evils of systems engineering - complexity, ambiguous communication, and lack of understanding Realize successful

systems using model-based systems engineering

Understand the concept of life cycles and how they control the evolution of a system

Explore processes and related concepts such as activities, stakeholders, and resources

Discover how needs fit into the systems life cycle and which processes are relevant and how to comply with them

Find out how design, verification, and validation fit into the life cycle and processes

Who this book is for This book is for aspiring systems engineers, engineering managers, or anyone looking to apply systems engineering practices to their systems and projects. While a well-structured, model-based approach to systems engineering is an essential skill for engineers of all disciplines, many companies are finding that new graduates have little understanding of systems engineering. This book helps you acquire this skill with the help of a simple and practical approach to developing successful systems. No prior knowledge of systems engineering or modeling is required to get started with this book.

Pro Visual Studio 2005 Team System Application Development - Steve Shrimpton 2007-02-01

Visual Studio 2005 Team System is a large and complex product, and is arguably the most sophisticated development environment that Microsoft has ever built. It has enormous potential to improve people's working lives by allowing them to draw together disparate tasks within a single reporting and testing structure. In order to do this people need a guide, and this book provides that guidance. It walks readers through a fictional scenario containing all the problems that Team System was built to remedy and shows how the product can be best applied to solve the problems of architects, developers, testers and project managers alike.