

Technical Specifications Document Example

Competitive Engineering documents Tom Gilb's unique, ground-breaking approach to communicating management objectives and systems engineering requirements, clearly and unambiguously. Competitive Engineering is a revelation for anyone involved in management and risk control. Already used by thousands of project managers and systems engineers around the world, this is a handbook for initiating, controlling and delivering complex projects on time and within budget. The Competitive Engineering methodology provides a practical set of tools and techniques that enable readers to effectively design, manage and deliver results in any complex organization - in engineering, industry, systems engineering, software, IT, the service sector and beyond. Elegant, comprehensive and accessible, the Competitive Engineering methodology provides a practical set of tools and techniques that enable readers to effectively design, manage and deliver results in any complex organization - in engineering, industry, systems engineering, software, IT, the service sector and beyond. Provides detailed, practical and innovative coverage of key subjects including requirements specification, design evaluation, specification quality control and evolutionary project management Offers a complete, proven and meaningful 'end-to-end' process for specifying, evaluating, managing and delivering high quality solutions Tom Gilb's clients include HP, Intel, CitiGroup, IBM, Nokia and the US Department of Defense

You may be wondering if business analysis is the right career choice, debating if you have what it takes to be successful as a business analyst, or looking for tips to maximize your business analysis opportunities. With the average salary for a business analyst in the United States reaching above \$90,000 per year, more talented, experienced professionals are pursuing business analysis careers than ever before. But the path is not clear cut. No degree will guarantee you will start in a business analyst role. What's more, few junior-level business analyst jobs exist. Yet every year professionals with experience in other occupations move directly into mid-level and even senior-level business analyst roles. My promise to you is that this book will help you find your best path forward into a business analyst career. More than that, you will know exactly what to do next to expand your business analysis opportunities.

Toyota Production System methods have rendered remarkable results in high-volume manufacturing plants, but they have not been fully understood and correctly applied in high-mix, low-volume environments. While lean principles do apply, the implementation methods and tools must be adapted and alternate methods embraced in a low-volume environment. This volume is specifically geared for manufacturers that have hundreds to thousands of active part numbers with few or no ongoing forecasted volumes, and for job shops that build only to order. The primary focus is eliminating non-value-added activities and instituting improvements on the most repetitive jobs, a strategy that gives you more time to produce your low-volume work or one-offs. About the author: Greg Lane is a faculty member of the Lean Enterprise Institute and an advisor to the Instituto de Lean Management in Spain. During his time with Toyota, he was one of a handful of candidates selected for a one-year training program conducted by the company's masters. He became certified as a Toyota Production System (TPS) Key Person and continued his work with Toyota, training others in TPS. He has been highly active in working on implementing lean around the world, supporting large and small companies alike. In 1998, he began to focus his lean endeavors on meeting the specific needs of high-mix, low-volume enterprises. During his time as an independent consultant, Greg purchased and operated his own manufacturing company, which specialized in fast turnaround on high-mix, low-volume parts. Greg used TPS to grow the business and nearly double its sales. Greg and his associates have experience not only at adapting the methods contained in this book, but also in applying other tools that are too numerous to detail here. They can be reached for further support with your lean transformation via email: glane@lowvolumelean.com

This primer is directed at experts and practitioners in intralogistics who are concerned with optimizing material flows. The presentation is comprehensive covering both, practical and theoretical aspects with a moderate degree of specialization, using clear and concise language. Areas of operation as well as technical standards of all relevant components and functions are described. Recent developments in technology and in the markets are taken into account. The goal of this book is to further stronger use of automated guided transport systems and the enhancement of their future performance.

How much detail is expected to be provided about the timeline and technical specifications for planned hardware upgrades? How big risk is it that the project cannot achieve the technical specifications? What are some other criteria for choosing computing systems beyond technical specifications? What technical specifications do you build into your infrastructure to produce quality data? What are the technical specifications of your systems environment? Defining, designing, creating, and implementing a process to solve a challenge or meet an objective is the most valuable role... In EVERY group, company, organization and department. Unless you are talking a one-time, single-use project, there should be a process. Whether that process is managed and implemented by humans, AI, or a combination of the two, it needs to be designed by someone with a complex enough perspective to ask the right questions. Someone capable of asking the right questions and step back and say, 'What are we really trying to accomplish here? And is there a different way to look at it?' This Self-Assessment empowers people to do just that - whether their title is entrepreneur, manager, consultant, (Vice-)President, CxO etc... - they are the people who rule the future. They are the person who asks the right questions to make Technical Specification investments work better. This Technical Specification All-Inclusive Self-Assessment enables You to be that person. All the tools you need to an in-depth Technical Specification Self-Assessment. Featuring 933 new and updated case-based questions, organized into seven core areas of process design, this Self-Assessment will help you identify areas in which Technical Specification improvements can be made. In using the questions you will be better able to: - diagnose Technical Specification projects, initiatives, organizations, businesses and processes using accepted diagnostic standards and practices - implement evidence-based best practice strategies aligned with overall goals - integrate recent advances in Technical Specification and process design strategies into practice according to best practice guidelines Using a Self-Assessment tool known as the Technical Specification Scorecard, you will develop a clear picture of which Technical Specification areas need attention. Your purchase includes access details to the Technical Specification self-assessment dashboard download which gives you your dynamically prioritized projects-ready tool and shows your organization exactly what to do next. You will receive the following contents with New and Updated specific criteria: - The latest quick edition of the book in PDF - The latest complete edition of the book in PDF, which criteria correspond to the criteria in... - The Self-Assessment Excel Dashboard - Example pre-filled Self-Assessment Excel Dashboard to get familiar with results generation - In-depth and specific Technical Specification Checklists - Project management checklists and templates to assist with implementation INCLUDES LIFETIME SELF ASSESSMENT UPDATES Every self assessment comes with Lifetime Updates and Lifetime Free

Updated Books. Lifetime Updates is an industry-first feature which allows you to receive verified self assessment updates, ensuring you always have the most accurate information at your fingertips.

Outlines the correct procedures for doing FMEAs and how to successfully apply them in design, development, manufacturing, and service applications There are a myriad of quality and reliability tools available to corporations worldwide, but the one that shows up consistently in company after company is Failure Mode and Effects Analysis (FMEA). Effective FMEAs takes the best practices from hundreds of companies and thousands of FMEA applications and presents streamlined procedures for veteran FMEA practitioners, novices, and everyone in between. Written from an applications viewpoint—with many examples, detailed case studies, study problems, and tips included—the book covers the most common types of FMEAs, including System FMEAs, Design FMEAs, Process FMEAs, Maintenance FMEAs, Software FMEAs, and others. It also presents chapters on Fault Tree Analysis, Design Review Based on Failure Mode (DRBFM), Reliability-Centered Maintenance (RCM), Hazard Analysis, and FMECA (which adds criticality analysis to FMEA). With extensive study problems and a companion Solutions Manual, this book is an ideal resource for academic curricula, as well as for applications in industry. In addition, Effective FMEAs covers: The basics of FMEAs and risk assessment How to apply key factors for effective FMEAs and prevent the most common errors What is needed to provide excellent FMEA facilitation Implementing a "best practice" FMEA process Everyone wants to support the accomplishment of safe and trouble-free products and processes while generating happy and loyal customers. This book will show readers how to use FMEA to anticipate and prevent problems, reduce costs, shorten product development times, and achieve safe and highly reliable products and processes.

This book constitutes the thoroughly refereed proceedings of the Second International Workshop on Trustworthy Eternal Systems via Evolving Software, Data and Knowledge, EternalS, held in Montpellier, France, in August 2012 and co-located with the 20th European Conference on Artificial Intelligence (ECAI 2012). The 10 revised full papers presented were carefully reviewed and selected from various submissions. The papers are organized into three main sections: natural language processing (NLP) for software systems, machine learning for software systems, roadmap for future research.

From microbiology to nuclear physics and chemistry to software engineering, scientific and technical translation is a complex activity that involves communicating specialized information on a variety of subjects across multiple languages. It requires expert linguistic knowledge and writing skills, combined with the ability to research and understand complex concepts and present them to a range of different audiences. Using a combination of interdisciplinary research, real-world examples drawn from professional practice and numerous learning activities, this introductory textbook equips the student with the knowledge and skills needed to get started in this exciting and challenging field. It examines the origins and history of scientific and technical translation, and the people, tools and processes involved in translating scientific and technical texts. Scientific and Technical Translation Explained provides an overview of the main features of scientific and technical discourse as well as the different types of documents produced. A series of detailed case studies highlight various translation challenges and introduce a range of strategies for dealing with them. A variety of resources and exercises are included to make learning effective and enjoyable. Additional resources and activities are available on Facebook.

This is an indispensable collection of statutory and non-statutory materials relating to charity law in England and Wales. Revised to coincide with the implementation of the Charities Act 2011 – a major consolidation of the charity law - the Handbook is an essential reference source for charity lawyers, in-house lawyers, academics, charities and voluntary organisations and their trustees.

Available as three paperback volumes, CD-ROM or both (the mixed media option). Statutes range from the Preamble to Charitable Uses Act 1601 to the Finance Act 2011. It also includes relevant provisions covering data protection, company law, gambling and lotteries, minimum wages, freedom of information, discrimination, tax and VAT, along with a wide range of statutory instruments and the latest SORP. New legislation since the second edition includes: Income Tax Act 2007 Corporation Tax Act 2009 Perpetuities and Accumulations Act 2009 Academies Act 2010 Bribery Act 2010 Corporation Tax Act 2010 Equality Act 2010 Charities Act 2011 Finance Act 2011 This edition is also available on CD-ROM, making more than 2000 pages of legislation and guidance portable and easy to search.

If you can write clear, concise instructions, then you can be a technical writer. Learn, step-by-step, how to turn your creative writing talent into a highly lucrative career, where you get paid big money consistently to use your writing skills.

Provides the understanding and practical skills needed to develop and maintain an effective ESD control program for manufacturing, storage, and handling of ESD sensitive components This essential guide to ESD control programs explains the principles and practice of ESD control in an easily accessible way whilst also providing more depth and a wealth of references for those who want to gain a deeper knowledge of the subject. It describes static electricity and ESD principles such as triboelectrification, electrostatic fields, and induced voltages, with the minimum of theory or mathematics. It is designed for the reader to "dip into" as required, rather than need to read cover to cover. The ESD Control Program Handbook begins with definitions and commonly used terminology, followed by the principles of static electricity and ESD control. Chapter 3 discusses ESD susceptible electronic devices, and how ESD susceptibility of a component is measured. This is followed by the "Seven habits of a highly effective ESD program", explaining the essential activities of an effective ESD control program. While most texts mainly address manual handling of ESD susceptible devices, Chapter 5 extends the discussion to ESD control in automated systems, processes and handling, which form a major part of modern electronic manufacture. Chapter 6 deals with requirements for compliance given by the IEC 61340-5-1 and ANSI/ESD S20.20 ESD control standards. Chapter 7 gives an overview of the selection, use, care and maintenance of equipment and furniture commonly used to control ESD risks. The chapter explains how these often work together as part of a system and must be specified with that in mind. ESD protective packaging is available in an extraordinary range of forms from bags, boxes and bubble wrap to tape and reel packaging for automated processes. The principles and practice of this widely misunderstood area of ESD control are introduced in Chapter 8. The thorny question of how to evaluate an ESD control program is addressed in Chapter 9 with a goal of compliance with a standard as well as effective control of ESD risks and possible customer perceptions. Whilst evaluating an existing ESD control program provides challenges, developing an ESD control program from scratch provides others. Chapter 10 gives an approach to this. Standard test methods used in compliance with ESD control standards are explained and simple test procedures given in Chapter 11. ESD Training has long been recognised as essential in maintaining effective ESD control. Chapter 12 discusses ways of covering essential topics and how to demonstrate static electricity in action. The book ends with a look at where ESD control may go in the near future. The ESD Control Program Handbook: Gives readers a sound understanding of the subject to analyze the ESD control requirements of

manufacturing processes, and develop an effective ESD control program Provides practical knowledge, as well as sufficient theory and background to understand the principles of ESD control Teaches how to track and identify how ESD risks arise, and how to identify fitting means for minimizing or eliminating them Emphasizes working with modern ESD control program standards IEC 61340-5-1 and ESD S20:20 The ESD Control Program Handbook is an invaluable reference for anyone tasked with setting up, evaluating, or maintaining an effective ESD control program, training personnel, or making ESD control related measurements. It would form an excellent basis for a University course on the subject as well as a guide and resource for industry professionals. This book gives a thorough explanation of standardization, its processes, its life cycle, and its related organization on a national, regional and global level. The book provides readers with an insight in the interaction cycle between standardization organizations, government, industry, and consumers. The readers can gain a clear insight to standardization and innovation process, standards, and innovations life-cycle and the related organizations with all presented material in the field of information and communications technologies. The book introduces the reader to understand perpetual play of standards and innovation cycle, as the basis for the modern world.

In a comprehensive approach this book covers the end-to-end process from request management to change management, error management and migration management to acceptance testing and final data clean up. It is based upon nearly twenty years of experience in tests, acceptance and certification, when introducing medium to large IT systems including complex software for administrations and industry in many countries. There exist a variety of methodologies with different characteristics having emanated from various schools and consultancies to support such activities. However, it is obvious that because of the diversity in organisational levels in companies the rigor of application of such methodologies quite often suffers with regard to more pragmatic approaches. In view of economic considerations this may be unavoidable. For this reason no new or consolidated methodology shall be presented but an approach oriented on practical criteria coming closer to reality and offering methods, which can provide assistance on a case-by-case basis.

Management of Construction introduces all aspects of management practice to students and professionals based in the construction industry. It is also important for those involved in allied fields such as design, project development, and site monitoring and inspection. The book addresses each stage of the construction project from conception to completion, giving a perspective on the whole life cycle often missing from textbooks. The author also balances engineering concerns with the human resource and personal aspects of construction management that are so important to the successful outcome of a project.

This book is the first to present a comprehensive framework of the theory and practice of corporate governance and business ethics by focusing on the four cornerstones promoted by the AACSB. Readers will quickly gain an understanding of the main themes, perspectives, frameworks, concepts, and issues pertaining to corporate governance and business ethics from historical, global, institutional, commercial, best practices, and regulatory perspectives. Additionally, there is also complete coverage of all oversight functions of corporate governance.

Summary Specification by Example is an emerging practice for creating software based on realistic examples, bridging the communication gap between business stakeholders and the dev teams building the software. In this book, author Gojko Adzic distills interviews with successful teams worldwide, sharing how they specify, develop, and deliver software, without defects, in short iterative delivery cycles. About the Technology Specification by Example is a collaborative method for specifying requirements and tests. Seven patterns, fully explored in this book, are key to making the method effective. The method has four main benefits: it produces living, reliable documentation; it defines expectations clearly and makes validation efficient; it reduces rework; and, above all, it assures delivery teams and business stakeholders that the software that's built is right for its purpose. About the Book This book distills from the experience of leading teams worldwide effective ways to specify, test, and deliver software in short, iterative delivery cycles. Case studies in this book range from small web startups to large financial institutions, working in many processes including XP, Scrum, and Kanban. This book is written for developers, testers, analysts, and business people working together to build great software. 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 Common process patterns How to avoid bad practices Fitting SBE in your process 50+ case studies ===== Table of Contents Part 1

Getting started Part 2 Key process patterns Part 3 Case studies Key benefits Key process patterns Living documentation Initiating the changes Deriving scope from goals Specifying collaboratively Illustrating using examples Refining the specification Automating validation without changing specifications Validating frequently Evolving a documentation system uSwitch RainStor Iowa Student Loan Sabre Airline Solutions ePlan Services Songkick Concluding thoughts This book provides the first comprehensive look at the emerging field of web document analysis. It sets the scene in this new field by combining state-of-the-art reviews of challenges and opportunities with research papers by leading researchers. Readers will find in-depth discussions on the many diverse and interdisciplinary areas within the field, including web image processing, applications of machine learning and graph theories fat content extraction and web mining, adaptive web content delivery, multimedia document modeling and human interactive proofs for web security. See why Microsoft Internet Information Server 6 is quickly becoming a force in the Web Server area. Get step-by-step instruction on installing, configuring, maintaining, and administering IIS 6. Troubleshoot the Web Server, learn industry security standards, and cover Virtual Directories and Servers as well as FrontPage Webs, and much more.

The global shift toward delivering services online requires organizations to evolve from using traditional paper files and storage to more modern electronic methods. There has however been very little information on just how to navigate this change-until now. Implementing Electronic Document and Record Management Systems explains how to efficiently store and access electronic documents and records in a manner that allows quick and efficient access to information so an organization may meet the needs of its clients. The book addresses a host of issues related to electronic document and records management systems (EDRMS). From starting the project to systems administration, it details every aspect in relation to implementation and management processes. The text also explains managing cultural changes and business process re-engineering that organizations undergo as they switch from paper-based records to electronic documents. It

offers case studies that examine how various organizations across the globe have implemented EDRMS. While the task of creating and employing an EDRMS may seem daunting at best, *Implementing Electronic Document and Record Management Systems* is the resource that can provide you with the direction and guidance you need to make the transition as seamless as possible.

Progress in space safety lies in the acceptance of safety design and engineering as an integral part of the design and implementation process for new space systems. Safety must be seen as the principle design driver of utmost importance from the outset of the design process, which is only achieved through a culture change that moves all stakeholders toward front-end loaded safety concepts. This approach entails a common understanding and mastering of basic principles of safety design for space systems at all levels of the program organisation. Fully supported by the International Association for the Advancement of Space Safety (IAASS), written by the leading figures in the industry, with frontline experience from projects ranging from the Apollo missions, Skylab, the Space Shuttle and the International Space Station, this book provides a comprehensive reference for aerospace engineers in industry. It addresses each of the key elements that impact on space systems safety, including: the space environment (natural and induced); human physiology in space; human rating factors; emergency capabilities; launch propellants and oxidizer systems; life support systems; battery and fuel cell safety; nuclear power generators (NPG) safety; habitat activities; fire protection; safety-critical software development; collision avoidance systems design; operations and on-orbit maintenance. * The only comprehensive space systems safety reference, its must-have status within space agencies and suppliers, technical and aerospace libraries is practically guaranteed * Written by the leading figures in the industry from NASA, ESA, JAXA, (et cetera), with frontline experience from projects ranging from the Apollo missions, Skylab, the Space Shuttle, small and large satellite systems, and the International Space Station. * Superb quality information for engineers, programme managers, suppliers and aerospace technologists; fully supported by the IAASS (International Association for the Advancement of Space Safety)

Software documentation forms the basis for all communication relating to a software project. To be truly effective and usable, it should be based on what needs to be known. *Agile Documentation* provides sound advice on how to produce lean and lightweight software documentation. It will be welcomed by all project team members who want to cut out the fat from this time consuming task. Guidance given in pattern form, easily digested and cross-referenced, provides solutions to common problems. Straightforward advice will help you to judge: What details should be left in and what left out When communication face-to-face would be better than paper or online How to adapt the documentation process to the requirements of individual projects and build in change How to organise documents and make them easily accessible When to use diagrams rather than text How to choose the right tools and techniques How documentation impacts the customer Better than offering pat answers or prescriptions, this book will help you to understand the elements and processes that can be found repeatedly in good project documentation and which can be shaped and designed to address your individual circumstance. The author uses real-world examples and utilises agile principles to provide an accessible, practical pattern-based guide which shows how to produce necessary and high quality documentation. Completely revised with the latest advances, evidence, and standards needed for everyday practice, *Contact Lenses*, 6th Edition, remains a definitive work on this multi-faceted topic, ideal for optometrists, dispensing opticians, ophthalmologists, and contact lens practitioners. This classic, superbly designed text is perfectly suited for health care professionals, providing all of the essential knowledge needed in one convenient volume. Provides up-to-date, authoritative information on contact lens materials and lens types, treatment in contact lens and tear film complications, and myopia correction and contact lenses for abnormal ocular conditions. Discusses current topics such as miniscleral lenses, keratoconus, corneal cross linking, and paediatric, cosmetic and prosthetic contact lenses. Contains high-quality line diagrams and clinical illustrations to highlight key points in the text. Focuses on the evidence behind contact lens practice, enabling you to make informed choices about the care you give to your patients. As experienced teachers of novice game designers, the authors have discovered patterns in the way that students grasp game design - the mistakes they make as well as the methods to help them to create better games. Each exercise requires no background in programming or artwork, releasing beginning designers from the intricacies of electronic game production and allowing them to learn what works and what doesn't work in a game system. Additionally, these exercises teach important skills in system design: the processes of prototyping, playtesting, and redesigning.

Summary Writing Great Specifications is an example-rich tutorial that teaches you how to write good Gherkin specification documents that take advantage of the benefits of specification by example. Foreword written by Gojko Adzic. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology The clearest way to communicate a software specification is to provide examples of how it should work. Turning these story-based descriptions into a well-organized dev plan is another matter. Gherkin is a human-friendly, jargon-free language for documenting a suite of examples as an executable specification. It fosters efficient collaboration between business and dev teams, and it's an excellent foundation for the specification by example (SBE) process. About the Book *Writing Great Specifications* teaches you how to capture executable software designs in Gherkin following the SBE method. Written for both developers and non-technical team members, this practical book starts with collecting individual feature stories and organizing them into a full, testable spec. You'll learn to choose the best scenarios, write them in a way that anyone can understand, and ensure they can be easily updated by anyone. *management. What's Inside* Reading and writing Gherkin Designing story-based test cases Team Collaboration Managing a suite of Gherkin documents About the Reader Primarily written for developers and architects, this book is accessible to any member of a software design team. About the Author Kamil Nicieja is a seasoned engineer, architect, and project manager with deep expertise in Gherkin and SBE. Table of contents Introduction to specification by example and Gherkin PART 1 - WRITING EXECUTABLE SPECIFICATIONS WITH EXAMPLES The specification layer and the automation layer Mastering the Given-When-Then template The basics of scenario outlines Choosing examples for scenario outlines The life cycle of executable specifications Living documentation PART 2 - MANAGING SPECIFICATION SUITES Organizing scenarios into a specification suite Refactoring features into abilities and business needs Building a domain-driven specification suite Managing large projects with bounded

contexts

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Corruption... How can policymakers and practitioners better comprehend the many forms and shapes that this social pandemic takes? From the delivery of essential drugs, the reduction in teacher absenteeism, the containment of illegal logging, the construction of roads, the provision of water and electricity, the international trade in oil and gas, the conduct of public budgeting and procurement, and the management of public revenues, corruption shows its many faces. 'The Many Faces of Corruption' attempts to bring greater clarity to the often murky manifestations of this virulent and debilitating social disease. It explores the use of prototype road maps to identify corruption vulnerabilities, suggests corresponding 'warning signals,' and proposes operationally useful remedial measures in each of several selected sectors and for a selected sample of cross cutting public sector functions that are particularly prone to corruption and that are critical to sector performance. Numerous technical experts have come together in this effort to develop an operationally useful approach to diagnosing and tackling corruption. 'The Many Faces of Corruption' is an invaluable reference for policymakers, practitioners, and researchers engaged in the business of development.

This edition provides a systematic presentation of the main concepts referring to the electrical systems planning and operation, with the particularly interesting inclusion of many practical data, frequent reference to the IEC standards, and a detached view on the main approaches used in practice. The selection of the material makes it possible for the operator to retrieve in the book both concepts and indications on the applications, without needing to take a look at many manufacturer's data or huge handbooks. Describing in detail how electrical power systems are planned and designed, this book illustrates the required structures of systems, substations and equipment using international standards and latest computer methods. This book discusses both the advantages and disadvantages of the different arrangements within switchyards and of the topologies of the power systems, describing methods to determine the main design parameters of cables, overhead lines, and transformers needed to realize the supply task, as well as the influence of environmental conditions on the design and the permissible loading of the equipment. Additionally, general requirements for protection schemes and the main schemes related to the various protection tasks are given. Includes articles in topic areas such as autonomic computing, operating system architectures, and open source software technologies and applications.

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

A translation and fully updated version of the French title "Controles de qualite en construction routi re", 1987. This book presents the total panorama of the methods and means available to the various interveners.

Esta enciclopedia presenta numerosas experiencias y discernimientos de profesionales de todo el mundo sobre discusiones y perspectivas de la interacción hombre-computadoras

An easy to use guide to the Companies Act 2006 and packed full of helpful features, this book provides detailed commentary on the new Companies Act. Offering a chapter by chapter analysis of the legal and practical implications of the Act, the author traces the background to the act, considering the various Consultation Documents and White Papers issued by the Government, the proposals for company law reform and their culmination in the Company Law Reform Act. It contains: helpful checklists for the busy practitioner section by section commentary useful appendices of materials and extracts on an accompanying Companion Website. This is an invaluable and handy resource for undergraduate students and practitioners studying or working in business and company law.

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