

A Guide To Their Specifications And Design

This single-source reference and tutorial brings together up-to-the-minute information about every key XML technology. The book's unique features are designed to make XML easier than ever to master and use effectively. Throughout, Kenneth B. Sall provides two parallel sets of examples: "QuickTrack" examples for beginners and those seeking a quick overview of how the technology works, and "Advanced Track" examples for readers who want to drill down for a more sophisticated understanding. The book includes extensive tables designed for rapid access to key information, plus as a "Big Picture Map" showing how virtually every key W3C XML-related initiative fits together. KEY TOPICS: Sall begins by reviewing XML's history, goals, evolution, fundamental concepts, and syntax. He covers parsing and programming APIs, techniques for displaying and transforming XML, related core XML specifications, and specialized XML vocabularies. Among the XML-related technologies covered in this book: XSL, DOM, P3P, CSS, Xlink, and Xpointer. The book includes a full chapter on XSLT by G. Ken Holman, current chair of the OASIS XSLT Conformance Technical Subcommittee; and a full chapter on the Resource Definition Framework (RDF) by Oral Lassila, a member of the W3C working group on RDF. MARKET: For every Web professional and software developer working with XML.

Most books about specifications still assume that requirements can be known up front and won't change much during your project. In today's "real world," however, you must specify and build software in the face of high and continuing uncertainty. Scrum and other agile methods have evolved to reflect this reality. Now, there's a complete guide to specifying software in agile environments when prerequisites are unclear, requirements are difficult to grasp, and anything about your project could change. Long-time agile coach and enterprise architect Mario Cardinal shows how to create executable specifications and use them to test software behavior against requirements. Cardinal shows how to trawl requirements incrementally, step-by-step, using a vision-centric and emergent iterative practice that is designed for agility. Writing for analysts, architects, developers, and managers, Cardinal makes a strong case for the iterative discovery of requirements. Then, he moves from theory to practice, fully explaining the technical mechanisms and empirical techniques you need to gain full value from executable specifications. You'll learn to connect specifications with software under construction, link requirements to architecture, and automate requirements verification within the Scrum framework. Above all, Cardinal will help you solve the paramount challenge of software development: not only to solve the problem right, but also to solve the right problem. You will learn how to

- Establish more effective agile roles for analysts and architects
- Integrate and simplify the best techniques from FIT, ATDD, and BDD
- Identify "core certainties" on which your project team should rely to ensure requirements discovery
- Manage uncertainty by discovering stakeholder desires through short feedback loops
- Specify as you go while writing small chunks of requirements
- Use storyboarding and paper prototyping to improve conversations with stakeholders
- Express stakeholder desires that are requirements with user stories
- Refine your user stories, and plan more effective Scrum sprints
- Confirm user stories by scripting behaviors with scenarios
- Transform scenarios into automated tests that easily confirm your software's expected behavior as designs emerge and specifications evolve
- Ensure higher-quality software by specifying nonfunctional requirements

How can you tell if the materials and components you are specifying have a low environmental impact? A full life-cycle assessment is a complex, time-consuming and expensive process; the environmental ratings summarised in this Guide provide a quick and easy way for designers and specifiers to assess their options. The relative environmental performance of over 250 materials and components have been assessed in this guide, using carefully researched, quantitative data derived from the BRE Environmental Database. A wide range of alternative specifications are provided for:

- walls
- floor systems
- floor finishes
- roofs
- windows
- doors
- ceilings
- paints
- insulation
- landscaping.

The performance of each specification is measured against a range of environmental impacts including:

- climate change
- toxicity
- fossil fuel and ozone depletion
- levels of emissions and pollutants
- mineral and water extraction.

Environmental performance is indicated by a simple to use A-B-C rating system. To further aid specifiers, guidance on capital costs, typical replacement intervals and information on recycling is also provided for each material and component. An important part of BREEAM, the BRE's widely accepted scheme to improve the environmental performance of buildings, The Green Guide to Specification is an essential tool for architects, surveyors, building managers and property owners seeking to reduce the environmental impacts of building materials through informed choice.

[Testcraft](#)

[Abridgements of Specifications, Class 1-146 ... Period A.D. 1855-1866](#)

[A Guide to Their Properties and Uses as Described by Federal and Military Specifications](#)

[Interior Design Materials and Specifications](#)

[A Practical Handbook on Estimating the Cost of Forming, Renovating, Improving, and Grubbing Plantations and Underwoods, Their Valuation for Purposes of Transfer, Rental, Sale Or Assessments; Including Remarks on Their Profitable Management, with Comprehensive Tables for Facilitating the Necessary Calculations Saw-mills, their arrangement and management, a companion volume to 'Woodworking machinery'.](#)

[Programming with Specifications](#)

[A Practical Guide to Agile Requirements Discovery](#)

[An Introduction to ANNA, A Language for Specifying Ada Programs](#)

[Their Analysis and Valuation](#)

[Their Practical Application to the Treatment of Stresses in Roofs, Solid Girders, Lattice, Bowstring and Suspension Bridges, Braced Iron Arches and Piers, and Other Frameworks: to which is Added a Chapter on Wind Pressures "Containing Diagrams and Plates to Scale, with Numerous Examples, Many Taken from Existing Structures"](#)

[Their Strength Construction, and Economical Working](#)

[House Journal of the Legislative Assembly of the State of Kansas](#)

The must-have specifications writing reference—and essential study aid for the Certified Construction Specifier (CCS) Exam The CSI Practice Guides are a library of comprehensive references specifically and carefully designed for the construction professional. Each book examines important concepts and best practices integral to a particular aspect of the building process. The CSI Construction Specifications Practice Guide is focused on the roles and responsibilities of the specifications professional in meeting the challenges of the changing world of construction. In this volume, guidelines on topics like writing quality construction specifications and product selection are meshed with best practices for managing project information, working with Building Information Modeling (BIM) and Integrated Project Delivery, and writing sustainable design specifications. Other material covered in this guide includes: The Construction Specifications Institute's collected best practices for authoring specifications Specialized guidance on presentation and management of project information in the context of Building Information Modeling and sustainable design Includes access to a password-protected web site with bonus content, including a PDF of the printed book and copies of CSI format documents, such as UniFormat and SectionFormat/PageFormat An authoritative resource for effective written communication of design intent, The CSI Construction Specifications Practice Guide presents construction professionals and students studying for the Certified Construction Specifier (CCS) Exam with a solid foundation for improving their methods of collecting and delivering important specifications data. Serves as an authoritative resource for effective writing of design intent Includes CSI's best practices for authoring specifications Offers specialized guidance on project information in the context of BIM and sustainable design

DIVThe creation of language tests is—and should be—a craft that is accessible and doable not only by a few language test experts, but also by many others who are involved in second/foreign language education, say the authors of this clear and timely book. Fred Davidson and Brian Lynch offer language educators a how-to guide for creating tests that reliably measure exactly what they are intended to measure. Classroom teachers, language administrators, and professors of language testing courses will find in this book an easy and flexible approach to language testing as well as the tools they need to develop tests appropriate to their individual needs. Davidson and Lynch explain criterion-related language test development, a process that focuses on the early stages of test development when the criterion to be tested is defined, specifications are established, and items and tasks are written. This process helps clarify the description of what is being measured by a test and enables teachers to give input on test design in any instructional setting. Informed by extensive research in criterion-referenced measurement, this book invites all language educators to participate in the craft of test development and shows them how to go about it./div

Accurately interpret graphic and written construction documents Construction documents are the vital link between the architect's vision and the finished physical structure. Building professionals must accurately read and follow these documents in order to build a given design in the most efficient way possible. Print and Specifications Reading for Construction explains exactly how to interpret construction documents, offering students and professionals a complete package for learning and understanding. The text clearly lays out different graphic and written document types, how they developed, what information they contain, and their current use in residential and commercial construction today. Next, it looks in depth at the documents, revealing how each type works in action through example projects. Alongside the text, online access to three complete sets of sample sheets gives you experience working with prints and specifications. Inside you will discover: How to solve real construction problems in large-scale residential and commercial projects Coverage of architectural, structural, mechanical, electrical, plumbing, and civil drawings and specifications Relevant terminology for, and practical applications of, sustainability and Building Information Modeling (BIM) Practice questions and exercises throughout An all-in-one reference that combines clearly written text, complete document sample sets, and up-to-date digital resources, Print and Specifications Reading for Construction is an essential companion for anyone learning or practicing construction or contracting.

[A Popular Treatise on Railway Accidents Their Cause and Prevention: with a Description of Modern Appliances and Systems Their Draught-power and Stability](#)

[A Guide to the Selection of Aluminium Alloy Building Products and Accessories with Suggested Wording for Their Inclusion in Architects Specifications](#)

[Seismic Design](#)

[Consisting of Formulæ and Corresponding Diagrams, with Numerous Details for Practical Application, Etc. Etc](#)

[Record 1: 1617-1875](#)

[Senate and House Journals](#)

[XML Family of Specifications](#)

[Specification Data](#)

[English Patents of Inventions, Specifications](#)

[The Bookseller and the Stationery Trades' Journal](#)

[Executable Specifications with Scrum](#)

[Specifications and Drawings of Patents Relating to Electricity Issued by the U. S.](#)

Safer science is a daily requirement for every teacher in every science classroom and laboratory. Get up-to-date information from The NSTA Ready-Reference Guide to Safer Science, Volume 2. This second volume is a collection of more than 40 of the latest quick-read Scope on Safety columns from Science Scope, NSTAOCO's middle school journal (plus some adaptable Safer Science columns from The Science Teacher, NSTAOCO's high school journal). As easy to read as it is practical, the book is chock-full of safety information, anecdotes, and advisories you can use every day."

Official organ of the book trade of the United Kingdom.

Over 140 experts, 14 countries, and 89 chapters are represented in the second edition of the Bridge Engineering Handbook. This extensive collection highlights bridge engineering specimens from around the world, contains detailed information on bridge engineering, and thoroughly explains the concepts and practical applications surrounding the subject. Published in five books: Fundamentals, Superstructure Design, Substructure Design, Seismic Design, and Construction and Maintenance, this new edition provides numerous worked-out examples that give readers step-by-step

design procedures, includes contributions by leading experts from around the world in their respective areas of bridge engineering, contains 26 completely new chapters, and updates most other chapters. It offers design concepts, specifications, and practice, as well as the various types of bridges. The text includes over 2,500 tables, charts, illustrations, and photos. The book covers new, innovative and traditional methods and practices; explores rehabilitation, retrofit, and maintenance; and examines seismic design and building materials. The fourth book, Seismic Design contains 18 chapters, and covers seismic bridge analysis and design. What's New in the Second Edition: Includes seven new chapters: Seismic Random Response Analysis, Displacement-Based Seismic Design of Bridges, Seismic Design of Thin-Walled Steel and CFT Piers, Seismic Design of Cable-Supported Bridges, and three chapters covering Seismic Design Practice in California, China, and Italy Combines Seismic Retrofit Practice and Seismic Retrofit Technology into one chapter called Seismic Retrofit Technology Rewrites Earthquake Damage to Bridges and Seismic Design of Concrete Bridges chapters Rewrites Seismic Design Philosophies and Performance-Based Design Criteria chapter and retitles it as Seismic Bridge Design Specifications for the United States Revamps Seismic Isolation and Supplemental Energy Dissipation chapter and retitles it as Seismic Isolation Design for Bridges This text is an ideal reference for practicing bridge engineers and consultants (design, construction, maintenance), and can also be used as a reference for students in bridge engineering courses.

[Adhesives](#)

[A Treatise on Architectural Practice, containing detailed working drawings, specifications, bills of quantities, estimates, tenders, &c. &c. Illustrated with upwards of 60 cuts, with a complete set of working drawings for the carrying out a church, &c. &c. Forming a supplement to Dempsey's Builder's Guide in Materials and Construction](#)

[The Green Guide to Specification](#)

[The CSI Construction Specifications Practice Guide](#)

[Mine Drainage](#)

[Aluminium Building Products : a Guide to the Selection of Aluminium Alloy Building Products and Accessories with Suggested Wording for Their Inclusion in Architects' Specifications](#)

[A Handy Book for the Calculation of Strains in Girders and Similar Structures, and Their Strength](#)

[A Practical Treatise on the Several Systems in Use in the United Kingdom, Their Construction and Performance](#)

[An Environmental Profiling System for Building Materials and Components](#)

[Bridge Engineering Handbook, Second Edition](#)

[An Illustrated Monthly Record of the Book, Stationery, Leather Goods, and Allied Trades](#)

[Pole Plantations and Underwoods](#)

[Safe Railway Working](#)

On the First Edition: "The book is a success in providing a comprehensive introduction to the use of aluminum structures . . . contains lots of useful information." —Materials & Manufacturing Processes "A must for the aluminum engineer. The authors are to be commended for their painstaking work." —Light Metal Age Technical guidance and inspiration for designing aluminum structures Aluminum Structures, Second Edition demonstrates how strong, lightweight, corrosion-resistant aluminum opens up a whole new world of design possibilities for engineering and architecture professionals. Keyed to the revised Specification for Aluminum Structures of the 2000 edition of the Aluminum Design Manual, it provides quick look-up tables for design calculations; examples of recently built aluminum structures—from buildings to bridges; and a comparison of aluminum to other structural materials, particularly steel. Topics covered include: Structural properties of aluminum alloys Aluminum structural design for beams, columns, and tension members Extruding and other fabrication techniques Welding and mechanical connections Aluminum structural systems, including space frames, composite members, and plate structures Inspection and testing Load and resistance factor design Recent developments in aluminum structures Topics □ what this book is about, □ its intended audience, □ what the reader ought to know, □ how the book is organized, □ acknowledgements. Specifications express information about a program that is not normally part of the program, and often cannot be expressed in a programming language. In the past, the word "specification" has sometimes been used to refer to somewhat vague documentation written in English. But today it indicates a precise statement, written in a machine processable language, about the purpose and behavior of a program. Specifications are written in languages that are just as precise as programming languages, but have additional capabilities that increase their power of expression. The terminology formal specification is sometimes used to emphasize the modern meaning. For us, all specifications are formal. The use of specifications as an integral part of a program opens up a whole new area of programming - programming with specifications. This book describes how to use specifications in the process of building programs, debugging them, and interfacing them with other programs. It deals with a new trend in programming - the evolution of specification languages from the current generation of programming languages. And it describes new strategies and styles of programming that utilize specifications. The trend is just beginning, and the reader, having finished this book, will certainly see that there is much yet to be done and to be discovered about programming with specifications.

[The NSTA Ready-Reference Guide to Safer Science, Vol 2](#)

[1857. 1404 - 1470](#)

[A Practical Guide](#)

[A Teacher's Guide to Writing and Using Language Test Specifications](#)

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