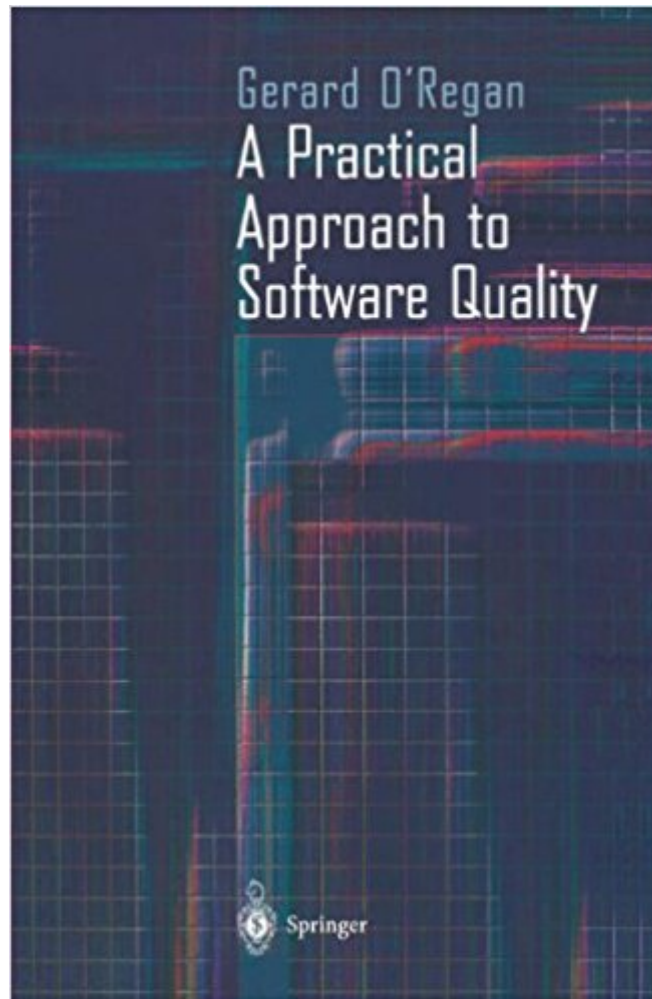


The book was found

# A Practical Approach To Software Quality



## Synopsis

A brief but comprehensive introduction to the field and pragmatic guidance on the implementation of a sound quality system in the organization. It provides an enhanced knowledge of software inspections, metrics, process involvement, assessment of organization, problem solving, customer satisfaction surveys, the CMM, SPICE, and formal methods. Sample material on software inspections, metrics, and customer satisfaction can be adapted by readers to their respective organizations. In addition, readers will gain a detailed understanding of the principles of software quality management and software process improvement. Concepts can then be readily applied to assist improvement programs within organizations.

## Book Information

Hardcover: 289 pages

Publisher: Springer; 2002 edition (June 13, 2002)

Language: English

ISBN-10: 0387953213

ISBN-13: 978-0387953212

Product Dimensions: 6.1 x 0.8 x 9.2 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review)

Best Sellers Rank: #2,360,075 in Books (See Top 100 in Books) #52 inÂ Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Quality Control #1247 inÂ Books > Computers & Technology > Business Technology > Management Information Systems #2829 inÂ Books > Textbooks > Computer Science > Software Design & Engineering

## Customer Reviews

If you're setting up an SQA function for enterprise processes and measurement this book is an invaluable resource that describes the major quality approaches, and gives excellent advice on metrics collection and analysis. The major quality approaches discussed are ISO 9000, SPICE and CMM. The chapters devoted to these give a basis for comparing and selecting either a single approach, or taking the best processes and characteristics from each and developing your own approach. One nice aspect is the coverage of the ISO 9000:2000 standard, which differs from many books which only cover TickIT or the older 1996 standard that is missing the important emphasis on measuring customer satisfaction. More general chapters that apply to all quality frameworks are the introduction to software quality, which covers the major issues and factors (as well as distinguishing

SQA from testing), and metrics and problem solving. I especially liked the latter because the material goes beyond projects and product development to include the full spectrum of life cycle milestones. In addition, inspections and testing, and formal methods and design are described in depth and placed into the context of an encompassing quality initiative. This book will give anyone, regardless of experience and knowledge levels, a complete picture of software quality and what it takes to achieve it using proven practices and techniques.

[Download to continue reading...](#)

A Practical Approach to Software Quality Software Quality Assurance: In Large Scale and Complex Software-intensive Systems Software Process Design: Out of the Tar Pit (Mcgraw-Hill International Software Quality Assurance) Software Engineering Classics: Software Project Survival Guide/ Debugging the Development Process/ Dynamics of Software Development (Programming/General) Surreptitious Software: Obfuscation, Watermarking, and Tamperproofing for Software Protection: Obfuscation, Watermarking, and Tamperproofing for Software Protection Practical Guide to Software Quality Management (Artech House Computer Science Library) Software Reuse: A Holistic Approach (Wiley Series in Software-Based Systems) Practical Software Reuse (Wiley Series in Software Engineering Practice) Object-Oriented Software Engineering: Practical Software Development Using UML and Java Agile Project Management: Agile Revolution, Beyond Software Limits: A Practical Guide to Implementing Agile Outside Software Development (Agile Business Leadership, Book 4) Quality Management Exam Review for Radiologic Imaging Sciences (Quality Management Review) Quality Management for Organizational Excellence: Introduction to Total Quality (8th Edition) Lean Six Sigma: The Ultimate Guide To Lean Six Sigma With Tools For Improving Quality And Speed! (Lean, Six Sigma, Quality Control) Axiomatic Quality: Integrating Axiomatic Design with Six-Sigma, Reliability, and Quality Engineering Quality Management for Organizational Excellence: Introduction to Total Quality (7th Edition) The Economics of Software Quality Continuous Integration: Improving Software Quality and Reducing Risk Applied Software Measurement: Global Analysis of Productivity and Quality Software Quality Assurance: From Theory to Implementation Quality Software Project Management

[Dmca](#)