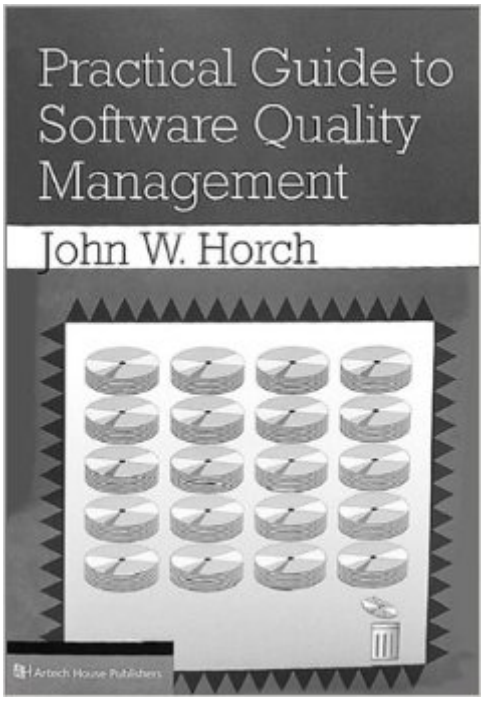
Practical Guide To Software Quality Management (Artech House Computer Science Library)



Synopsis

An overview of software quality management, its key components and how they work together in forming a solid quality management programme are presented in this text. In non-technical langauge, the author identifies the eight components of QM programmes, analyzes each one in detail, and explains how to combine them to build or strengthen your programme.

Book Information

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Customer Reviews

After I finished reading this 259-page book I kept thinking of how it was organized and how the author presented the material. Although I have been exposed to, and worked within, quality frameworks throughout my 25-year career this book triggered a clarity that brought together the essence of an effective quality program. This happened when I drew an analogy between the book’s contents and approach, and constructing a building.First, the book starts with a chapter titled "Elements of a Complete Software Quality System," which is the foundation. It then covers what I think of as the building blocks: standards, reviews, testing, defect analysis, configuration management and software documentation. It then fills in gaps, much like mortar, by covering associated quality concerns. Each of these "building blocks" and the "mortar" are thoroughly discussed in separate chapters. The actual construction comes in the final chapter titled "Quality System Implementation".This book is copiously illustrated and the writing is straightforward.

Although my analogy may be somewhat distracting, nothing in this book is - each chapter stays focused on its topic and goes into considerable depth. The author provides you with a solid foundation, quality materials and a blueprint for creating an effective quality organization, and does so in 259 pages. This book earns five stars for the influence it had on my thinking, and has my highest recommendation.

I've been in software development for over 20 years, and now I'm starting a full-time QA job, so I'm loading up on book about software quality management.I'm sure glad I bought this used instead of new! It's great as a general overview of the basic software quality management concepts, but there's not a whole lot of depth here. It's a lot of "what to do" without much help on exactly how to do it, though I will say that the few sample forms and planning outlines are helpful.On aspect of this book I found partucularly disappointing is that is seems dated. Sure enough, it was written just over ten years ago, before a lot of the current intranet deployed collaboration software became widely used. So, rather then start printing all those forms you need to run your software QA system, just put them on your "Quickplace" or "Sharepoint" workplace collaboration system.So, this might be a good first book on software quality management, but it had better not be your last.

This book won't win any awards for being flashy; however, it is a very well written introduction into the world of SQM. Well organized, with the key points consistently reinforced. A quick read that makes you hungry enough to pick up on the key points and explore them in more detail. If you're new to world of software quality, or only have a couple years worth of experience then this is a good purchase for you.

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