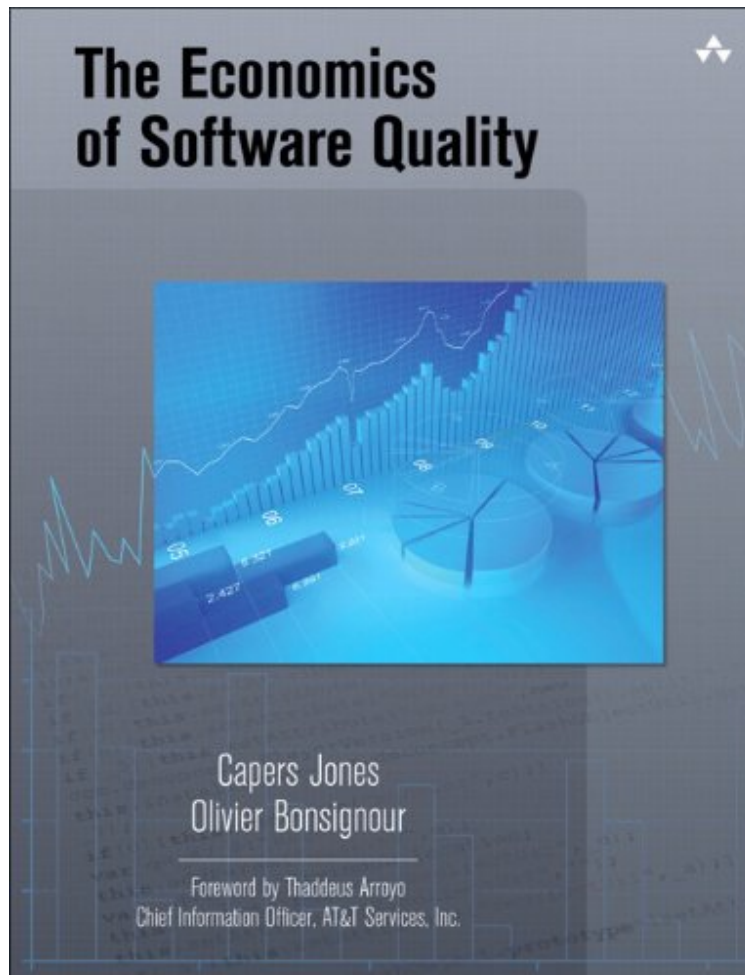


The Economics of Software Quality

Von Capers Jones, Olivier Bonsignour

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Von Capers Jones, Olivier Bonsignour : The Economics of Software Quality before purchasing it in order to gage whether or not it would be worth my time, and all praised The Economics of Software Quality:

KundenrezensionenHilfreichste Kundenrezensionen1 von 1 Kunden fanden die folgende Rezension hilfreich.
Interesting InformationVon Ben C.The Economics of Software Quality provides an excellent summary of software quality from an economical perspective, covering not just software testing methods, but also things such as reviews and inspections, not just of code but also requirements, as well as various development methodologies, such as pair-programming and Kaizen.The book contains a vast amount of quantitative information that has been gathered by the authors at hundreds of clients over the last decade(s). Most books on software quality are argumentative, not empirical, making this book unique (to my knowledge). Although the authors explain throughout this book how software quality can be measured, they don't always describe in detail how they actually gathered and prepared the data shown in this book - an appendix on how they did this would have been nice. However, the authors do analyze and critique their

own data, for example in cases where sample sizes were small or causality was unclear, so the reader is told not to blindly accept every statistic as a hard fact. The writing is excellent, however there were a few areas where it didn't flow too well: in particular, the important concept of function points is often mentioned throughout the book, but only explained in chunks scattered throughout the chapters. I would have found it helpful if the concept had been explained fully at the beginning of the book, as function points were new to me. Overall, an excellent book, one that in my opinion everyone in the software industry should read, managers as well as developers.

Kurzbeschreibung Whether consulting, working on projects, or teaching, whenever I need credible, detailed, relevant metrics and insights into the current capabilities and performance of the software engineering profession, I always turn first to Capers Jones work. In this important new book, he and Olivier Bonsignour make the hard-headed, bottom-line, economic case, with facts and data, about why software quality is so important. I know I'll turn to this excellent reference again and again. Rex Black, President, RBCS Poor quality continues to bedevil large-scale development projects, but few software leaders and practitioners know how to measure quality, select quality best practices, or cost-justify their usage. In *The Economics of Software Quality*, leading software quality experts Capers Jones and Olivier Bonsignour show how to systematically measure the economic impact of quality and how to use this information to deliver far more business value. Using empirical data from hundreds of software organizations, Jones and Bonsignour show how integrated inspection, structural quality measurement, static analysis, and testing can achieve defect removal rates exceeding 95 percent. They offer innovative guidance for predicting and measuring defects and quality; choosing defect prevention, pre-test defect removal, and testing methods; and optimizing post-release defect reporting and repair. This book will help you Move beyond functional quality to quantify non-functional and structural quality