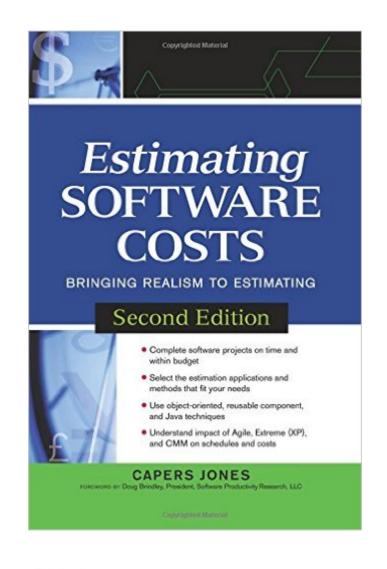
The book was found

Estimating Software Costs: Bringing Realism To Estimating





Synopsis

Deliver bug-free software projects on schedule and within budget Get a clear, complete understanding of how to estimate software costs, schedules, and quality using the real-world information contained in this comprehensive volume. Find out how to choose the correct hardware and software tools, develop an appraisal strategy, deploy tests and prototypes, and produce accurate software cost estimates. Plus, you'll get full coverage of cutting-edge estimating approaches using Java, object-oriented methods, and reusable components.Plan for and execute project-, phase-, and activity-level cost estimationsEstimate regression, component, integration, and stress testsCompensate for inaccuracies in data collection, calculation, and analysisAssess software deliverables and data complexityTest design principles and operational characteristics using software prototyping Handle configuration change, research, quality control, and documentation costs "Capers Jones' work offers a unique contribution to the understanding of the economics of software production. It provides deep insights into why our advances in computing are not matched with corresponding improvements in the software that drives it. This book is absolutely required reading for an understanding of the limitations of our technological advances." --Paul A. Strassmann, former CIO of Xerox, the Department of Defense, and NASA

Book Information

Hardcover: 644 pages Publisher: McGraw-Hill Education; 2 edition (May 10, 2007) Language: English ISBN-10: 0071483004 ISBN-13: 978-0071483001 Product Dimensions: 6.2 x 1.6 x 9.1 inches Shipping Weight: 2.3 pounds (View shipping rates and policies) Average Customer Review: 4.5 out of 5 stars Â See all reviews (11 customer reviews) Best Sellers Rank: #347,408 in Books (See Top 100 in Books) #28 in Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Economics #43 in Books > Engineering & Transportation > Engineering > Reference > Measurements #381 in Books > Textbooks > Computer Science > Operating Systems

Customer Reviews

This second edition of the groundbreaking Estimating Software Costs is a must-have desk reference for every PM, program manager and estimation practitioner. It has been updated to

include treatment of Agile methods (and other variants such as XP), OO development, UML, and CMMI. While IFPUG Function Points and Lines of Code are the still the leading measures of software size, Jones does provide data with respect to many of the emerging measures (story points, use case points, web object points, etc.) The book is divided into six sections. Section 1 presents a basic introduction to software estimation, including a brief history, capability and value of commercial estimation tools. There is also a very nice discussion on the potential sources of estimation error. Section 2 provides methods for generating early estimates and the danger that these will become accepted as THE estimate for the remainder of the project. Jones provides many simple rules of thumb for both classic size measures (Function Points and LOC) and emerging methods. Section 3 talks about methods of measuring size of various software work products. Again, the predominate method discussed is IFPUG Function Points; however, Jones does address the more abstract and "experimental" size measure in use today. Section 4 deals with the seven classes of influencing factors that drive project outcomes and how commercial estimation tools compensate for them. Jones concludes that industry averages for these factors should be discarded in favor of specific values from the performing organization. This reduces uncertainty and the political impacts. Section 5 defines ten activities that are common to many projects for the purpose of accurately deriving a bottom-up estimate.

Download to continue reading...

Estimating Software Costs: Bringing Realism to Estimating Software Development Agreements: Complete Guide for Bringing Ideas to Apps The Realism and Symbolism of Postage Stamps: A Personal Collection Literature Through Film: Realism, Magic, and the Art of Adaptation Automatic for the Masses: The Death of the Author and the Birth of Socialist Realism Soviet Writers' Congress, 1934: The Debate on Socialist Realism and Modernism Untouchable Fictions: Literary Realism and the Crisis of Caste Modern Realism in English-Canadian Fiction Ghostly Paradoxes: Modern Spiritualism and Russian Culture in the Age of Realism Between Symbolism and Realism: The Use of Symbolic and Non-Symbolic Language in Ancient Jewish Apocalypses 333-63 B.C.E. (Journal of Ancient Judaism. Supplements) Magical Realism: Theory, History, Community Collapse: Philosophical Research and Development 2012: Unknown Deleuze / Speculative Realism Volume III Young Adult Literature: From Romance to Realism, Third Edition Is Water H2O?: Evidence, Realism and Pluralism (Boston Studies in the Philosophy and History of Science) Code/Space: Software and Everyday Life (Software Studies) Swift: Programming, Master's Handbook: A TRUE Beginner's Guide! Problem Solving, Code, Data Science, Data Structures & Algorithms (Code like a PRO in ... mining, software, software engineering,) The Software Paradox: The Rise and Fall of the Commercial Software Market Small Memory Software: Patterns for systems with limited memory (Software Patterns Series) More Joel on Software: Further Thoughts on Diverse and Occasionally Related Matters That Will Prove of Interest to Software Developers, Designers, ... or III Luck, Work with Them in Some Capacity Enterprise Software Procurement: Tools and Techniques for Successful Software Procurement and Business Process Reengineering for Municipal Executives and Managers

<u>Dmca</u>