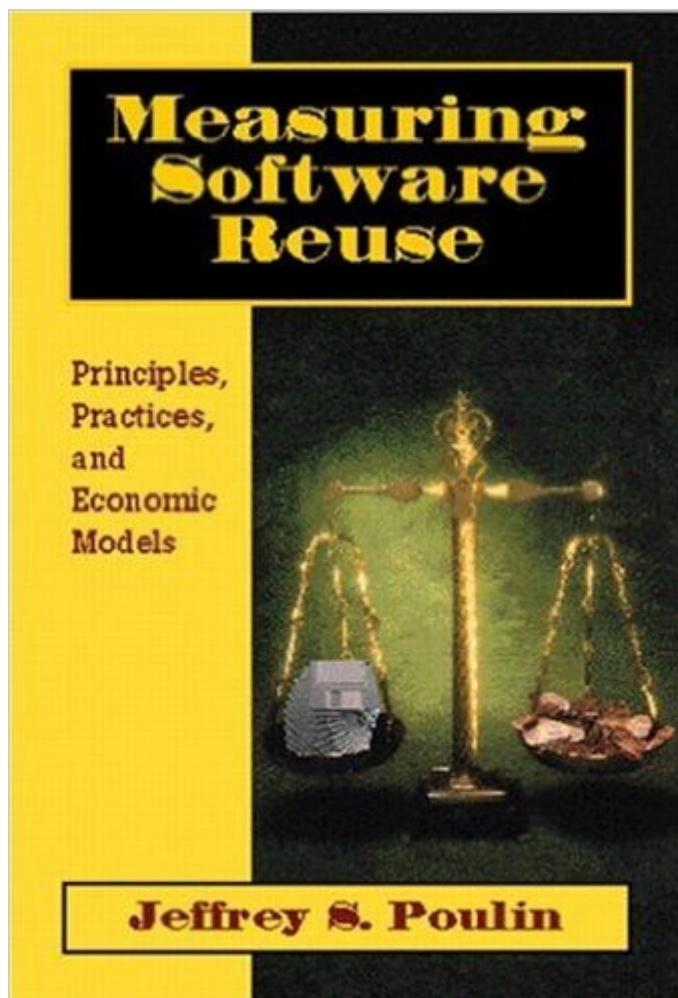


The book was found

Measuring Software Reuse: Principles, Practices, And Economic Models



Synopsis

With the techniques in this book, you will have the tools you need to design a far more effective reuse program, prove its bottom-line profitability, and promote software reuse within your organization. Written by a leading software reuse practitioner, *Measuring Software Reuse* brings together all of the latest concepts, tools, and methods for software reuse metrics, presenting concrete quantitative techniques for accurately measuring the level of reuse in a software project and objectively evaluating its financial benefits. The book addresses all of the many factors involved in a software reuse program: determining what constitutes software reuse-looking at COTS software, operating systems services, tools, code libraries, and more; how to measure the level of reuse in a project; and how to analyze the costs incurred by a software reuse program. You will also find detailed explanations of the various economic models used to evaluate the financial benefits of a reuse program such as cost avoidance, value added, payoff threshold, return-on-investment, and cost-benefit analysis. To further your understanding, the book presents experience-tested techniques for implementing a metrics program by incorporating a recommended reuse metric "starter set. " It also includes an extensive discussion on the metrics for reuse libraries and examines the issue of measuring reuse throughout the software life cycle. 0201634139B04062001

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Customer Reviews

This book explained things that no one else ever had presented, especially all the difficulties in actually getting a project to implement reuse metrics. I found it invaluable. It covers all languages

(we use C++) and on my project we used the example metrics in the book to establish our own reuse program! I highly recommend the book!

This book clearly explained the toughest problems associated with measuring reuse. It had numerous practical examples and references to break down the most difficult topics- especially "what should I measure?" in Chapter 4. I found the approach practical and applicable to any organization.

This book clearly explains reuse issues better than I have found anywhere else. It has practical advice on how to measure in all languages, to include object-oriented development and the reuse of things beyond just code (like documentation). I highly recommend this book to anyone working in reuse, component-based development, or related efforts.

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Measuring Software Reuse: Principles, Practices, and Economic Models Software Reuse for Dynamic Systems in the Cloud and Beyond: 14th International Conference on Software Reuse, ICSR 2015, Miami, FL, USA, January 4-6, ... (Lecture Notes in Computer Science) Safe and Secure Software Reuse: 13th International Conference on Software Reuse, ICSR 2013, Pisa, Italy, June 18-20, 2013, Proceedings (Lecture Notes in Computer Science) Software Reuse Techniques: Adding Reuse to the System Development Process Reuse of Off-the-Shelf Components: 9th International Conference on Software Reuse, ICSR 2006, Torino, Italy, June 12-15, 2006, Proceedings (Lecture Notes in Computer Science) Measuring the Software Process: Statistical Process Control for Software Process Improvement Software Reuse, Second Edition: Methods, Models, Costs Florida Real Estate Principles, Practices & Law (Florida Real Estate Principles, Practices and Law) Software Reuse: Guidelines and Methods (Software Science and Engineering) Reengineering Software: How to Reuse Programming to Build New State-of-the-art Software Practical Software Reuse (Wiley Series in Software Engineering Practice) Object-oriented software development: Engineering software for reuse Software Reuse: Advances in Software Reusability: 6th International Conference, ICSR-6 Vienna, Austria, June 27-29, 2000 Proceedings (Lecture Notes in Computer Science) Software Reuse: A Holistic Approach (Wiley Series in Software-Based Systems) IntAR, Interventions Adaptive Reuse, Volume 03; Adaptive Reuse in Emerging Economies Surreptitious Software: Obfuscation, Watermarking, and Tamperproofing for Software Protection: Obfuscation, Watermarking, and Tamperproofing for Software Protection Agile Product Management: (Box Set) : Scrum: A Cleverly Concise Agile Guide and Agile: The Complete

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