



Software Measurement and Estimation: A Practical Approach

By Linda M. Laird, M. Carol Brennan

Download now

Read Online 

Software Measurement and Estimation: A Practical Approach By Linda M. Laird, M. Carol Brennan

An effective, quantitative approach for estimating and managing software projects

How many people do I need? When will the quality be good enough for commercial sale? Can this really be done in two weeks? Rather than relying on instinct, the authors of *Software Measurement and Estimation* offer a new, tested approach that includes the quantitative tools, data, and knowledge needed to make sound estimations.

The text begins with the foundations of measurement, identifies the appropriate metrics, and then focuses on techniques and tools for estimating the effort needed to reach a given level of quality and performance for a software project. All the factors that impact estimations are thoroughly examined, giving you the tools needed to regularly adjust and improve your estimations to complete a project on time, within budget, and at an expected level of quality.

This text includes several features that have proven to be successful in making the material accessible and easy to master:

- * Simple, straightforward style and logical presentation and organization enables you to build a solid foundation of theory and techniques to tackle complex estimations
- * Examples, provided throughout the text, illustrate how to use theory to solve real-world problems
- * Projects, included in each chapter, enable you to apply your newfound knowledge and skills
- * Techniques for effective communication of quantitative data help you convey your findings and recommendations to peers and management

Software Measurement and Estimation: A Practical Approach allows practicing software engineers and managers to better estimate, manage, and effectively communicate the plans and progress of their software projects. With its classroom-tested features, this is an excellent textbook for advanced undergraduate-level and graduate students in computer science and software engineering.

An Instructor Support FTP site is available from the Wiley editorial department.

 [Download Software Measurement and Estimation: A Practical A ...pdf](#)

 [Read Online Software Measurement and Estimation: A Practical ...pdf](#)

Software Measurement and Estimation: A Practical Approach

By Linda M. Laird, M. Carol Brennan

Software Measurement and Estimation: A Practical Approach By Linda M. Laird, M. Carol Brennan

An effective, quantitative approach for estimating and managing software projects

How many people do I need? When will the quality be good enough for commercial sale? Can this really be done in two weeks? Rather than relying on instinct, the authors of *Software Measurement and Estimation* offer a new, tested approach that includes the quantitative tools, data, and knowledge needed to make sound estimations.

The text begins with the foundations of measurement, identifies the appropriate metrics, and then focuses on techniques and tools for estimating the effort needed to reach a given level of quality and performance for a software project. All the factors that impact estimations are thoroughly examined, giving you the tools needed to regularly adjust and improve your estimations to complete a project on time, within budget, and at an expected level of quality.

This text includes several features that have proven to be successful in making the material accessible and easy to master:

- * Simple, straightforward style and logical presentation and organization enables you to build a solid foundation of theory and techniques to tackle complex estimations
- * Examples, provided throughout the text, illustrate how to use theory to solve real-world problems
- * Projects, included in each chapter, enable you to apply your newfound knowledge and skills
- * Techniques for effective communication of quantitative data help you convey your findings and recommendations to peers and management

Software Measurement and Estimation: A Practical Approach allows practicing software engineers and managers to better estimate, manage, and effectively communicate the plans and progress of their software projects. With its classroom-tested features, this is an excellent textbook for advanced undergraduate-level and graduate students in computer science and software engineering.

An Instructor Support FTP site is available from the Wiley editorial department.

Software Measurement and Estimation: A Practical Approach By Linda M. Laird, M. Carol Brennan
Bibliography

- Sales Rank: #1779540 in Books
- Published on: 2006-06-05
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x .98" w x 6.46" l, 1.25 pounds
- Binding: Hardcover
- 280 pages

 [Download Software Measurement and Estimation: A Practical A ...pdf](#)

 [Read Online Software Measurement and Estimation: A Practical ...pdf](#)

Download and Read Free Online Software Measurement and Estimation: A Practical Approach By Linda M. Laird, M. Carol Brennan

Editorial Review

Review

"It is a good and welcome addition to any technical library...and for anyone...who needs to manage software, either development or acquisition." (*ACM Software Engineering Notes*, January 2007)

"...an excellent book on this important area of software development." (*CHOICE*, December 2006)

"The authors offer software engineers and project managers a new, tested approach that provides the quantitative tools, data, and knowledge needed to make sound estimations." (*IEEE Computer Magazine*, August 2006)

"Corporations should advise both their project managers and their software teams to study methods introduced in this worthy text." (*Kybernetes*, Vol.36 Issue 1)

From the Back Cover

An effective, quantitative approach for estimating and managing software projects

How many people do I need? When will the quality be good enough for commercial sale? Can this really be done in two weeks? Rather than relying on instinct, the authors of *Software Measurement and Estimation* offer a new, tested approach that includes the quantitative tools, data, and knowledge needed to make sound estimations.

The text begins with the foundations of measurement, identifies the appropriate metrics, and then focuses on techniques and tools for estimating the effort needed to reach a given level of quality and performance for a software project. All the factors that impact estimations are thoroughly examined, giving you the tools needed to regularly adjust and improve your estimations to complete a project on time, within budget, and at an expected level of quality.

This text includes several features that have proven to be successful in making the material accessible and easy to master:

- Simple, straightforward style and logical presentation and organization enables you to build a solid foundation of theory and techniques to tackle complex estimations
- Examples, provided throughout the text, illustrate how to use theory to solve real-world problems
- Projects, included in each chapter, enable you to apply your newfound knowledge and skills
- Techniques for effective communication of quantitative data help you convey your findings and recommendations to peers and management

Software Measurement and Estimation: A Practical Approach allows practicing software engineers and managers to better estimate, manage, and effectively communicate the plans and progress of their software projects. With its classroom-tested features, this is an excellent textbook for advanced undergraduate-level and graduate students in computer science and software engineering.

About the Author

LINDA M. LAIRD is Adjunct Professor at Stevens Institute of Technology, where she teaches Quantitative Software Engineering. Dr. Laird has more than thirty years of experience building and managing systems for

Lucent Technologies, AT&T, and Bell Laboratories.

M. CAROL BRENNAN is former vice president and general manager of the Quality and Operations Center at Telcordia Technologies, where she was responsible for design, development, and implementation of the Telcordia quality management system. She has more than twenty-five years of experience in software design, development, testing, performance, maintenance, and customer support as well as quality strategy, policy, and implementation.

Users Review

From reader reviews:

Michael Chapman:

As people who live in typically the modest era should be change about what going on or information even knowledge to make these keep up with the era that is always change and make progress. Some of you maybe will certainly update themselves by examining books. It is a good choice to suit your needs but the problems coming to a person is you don't know which one you should start with. This Software Measurement and Estimation: A Practical Approach is our recommendation to help you keep up with the world. Why, since this book serves what you want and wish in this era.

James Collins:

This Software Measurement and Estimation: A Practical Approach are generally reliable for you who want to be described as a successful person, why. The key reason why of this Software Measurement and Estimation: A Practical Approach can be on the list of great books you must have is actually giving you more than just simple reading through food but feed you actually with information that probably will shock your earlier knowledge. This book is handy, you can bring it everywhere you go and whenever your conditions throughout the e-book and printed versions. Beside that this Software Measurement and Estimation: A Practical Approach forcing you to have an enormous of experience such as rich vocabulary, giving you trial of critical thinking that we all know it useful in your day exercise. So , let's have it and enjoy reading.

Casey Schnell:

Playing with family inside a park, coming to see the marine world or hanging out with close friends is thing that usually you could have done when you have spare time, subsequently why you don't try matter that really opposite from that. One activity that make you not sensation tired but still relaxing, trilling like on roller coaster you already been ride on and with addition info. Even you love Software Measurement and Estimation: A Practical Approach, you may enjoy both. It is good combination right, you still want to miss it? What kind of hang type is it? Oh can happen its mind hangout fellas. What? Still don't get it, oh come on its called reading friends.

Mary Lamm:

This Software Measurement and Estimation: A Practical Approach is completely new way for you who has curiosity to look for some information because it relief your hunger info. Getting deeper you into it getting

knowledge more you know or else you who still having small amount of digest in reading this Software Measurement and Estimation: A Practical Approach can be the light food for you because the information inside this specific book is easy to get simply by anyone. These books build itself in the form that is certainly reachable by anyone, yeah I mean in the e-book application form. People who think that in reserve form make them feel tired even dizzy this publication is the answer. So there is absolutely no in reading a e-book especially this one. You can find what you are looking for. It should be here for a person. So , don't miss the idea! Just read this e-book sort for your better life along with knowledge.

**Download and Read Online Software Measurement and Estimation:
A Practical Approach By Linda M. Laird, M. Carol Brennan
#A7OFDI2E6UM**

Read Software Measurement and Estimation: A Practical Approach By Linda M. Laird, M. Carol Brennan for online ebook

Software Measurement and Estimation: A Practical Approach By Linda M. Laird, M. Carol Brennan Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Software Measurement and Estimation: A Practical Approach By Linda M. Laird, M. Carol Brennan books to read online.

Online Software Measurement and Estimation: A Practical Approach By Linda M. Laird, M. Carol Brennan ebook PDF download

Software Measurement and Estimation: A Practical Approach By Linda M. Laird, M. Carol Brennan Doc

Software Measurement and Estimation: A Practical Approach By Linda M. Laird, M. Carol Brennan Mobipocket

Software Measurement and Estimation: A Practical Approach By Linda M. Laird, M. Carol Brennan EPub