



Engineering and Managing Software Requirements

From Springer

Download now

Read Online 

Engineering and Managing Software Requirements From Springer

Requirements engineering is the process by which the requirements for software systems are gathered, analyzed, documented, and managed throughout their complete lifecycle. Traditionally it has been concerned with technical goals for, functions of, and constraints on software systems. Aurum and Wohlin, however, argue that it is no longer appropriate for software systems professionals to focus only on functional and non-functional aspects of the intended system and to somehow assume that organizational context and needs are outside their remit. Instead, they call for a broader perspective in order to gain a better understanding of the interdependencies between enterprise stakeholders, processes, and software systems, which would in turn give rise to more appropriate techniques and higher-quality systems.

Following an introductory chapter that provides an exploration of key issues in requirements engineering, the book is organized in three parts. Part 1 presents surveys of state-of-the art requirements engineering process research along with critical assessments of existing models, frameworks and techniques. Part 2 addresses key areas in requirements engineering, such as market-driven requirements engineering, goal modeling, requirements ambiguity, and others. Part 3 concludes the book with articles that present empirical evidence and experiences from practices in industrial projects.

Its broader perspective gives this book its distinct appeal and makes it of interest to both researchers and practitioners, not only in software engineering but also in other disciplines such as business process engineering and management science.



[Download Engineering and Managing Software Requirements ...pdf](#)



[Read Online Engineering and Managing Software Requirements ...pdf](#)

Engineering and Managing Software Requirements

From Springer

Engineering and Managing Software Requirements From Springer

Requirements engineering is the process by which the requirements for software systems are gathered, analyzed, documented, and managed throughout their complete lifecycle. Traditionally it has been concerned with technical goals for, functions of, and constraints on software systems. Aurum and Wohlin, however, argue that it is no longer appropriate for software systems professionals to focus only on functional and non-functional aspects of the intended system and to somehow assume that organizational context and needs are outside their remit. Instead, they call for a broader perspective in order to gain a better understanding of the interdependencies between enterprise stakeholders, processes, and software systems, which would in turn give rise to more appropriate techniques and higher-quality systems.

Following an introductory chapter that provides an exploration of key issues in requirements engineering, the book is organized in three parts. Part 1 presents surveys of state-of-the art requirements engineering process research along with critical assessments of existing models, frameworks and techniques. Part 2 addresses key areas in requirements engineering, such as market-driven requirements engineering, goal modeling, requirements ambiguity, and others. Part 3 concludes the book with articles that present empirical evidence and experiences from practices in industrial projects.

Its broader perspective gives this book its distinct appeal and makes it of interest to both researchers and practitioners, not only in software engineering but also in other disciplines such as business process engineering and management science.

Engineering and Managing Software Requirements From Springer Bibliography

- Sales Rank: #5655671 in Books
- Published on: 2005-08-08
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x 1.06" w x 6.14" l, 1.92 pounds
- Binding: Hardcover
- 478 pages

 [Download Engineering and Managing Software Requirements ...pdf](#)

 [Read Online Engineering and Managing Software Requirements ...pdf](#)

Editorial Review

About the Author

Dr. Aybüke Aurum is a senior lecturer at the School of Information Systems, Technology and Management, University of New South Wales. She received her BSc and MSc in geological engineering, and MEngSc and PhD in computer science. She is the founder and group leader of the Requirements Engineering Research Group (ReqEng) at the University of New South Wales. She also works as a visiting researcher in National ICT, Australia (NICTA). She is chief editor of "Managing Software Engineering Knowledge" published by Springer in 2003. Her research interests include Management of Software Development Process, Software Inspection, Requirements Engineering, Decision Making and Knowledge Management.

Prof. Claes Wohlin is a professor in Software Engineering at the School of Engineering at Blekinge Institute of Technology in Sweden. Prior to this, he has held professor chairs in software engineering at Lund University and Linköping University. He has a M.Sc. in Electrical Engineering and a Ph.D. in Communication Systems both from Lund University, and he has five years of industrial experience. Dr. Wohlin is co-editor-in-chief of the journal of Information and Software Technology published by Elsevier. He is on the editorial boards of Empirical Software Engineering: An International Journal, and Software Quality Journal.

Users Review

From reader reviews:

Claudia Weidner:

The e-book untitled Engineering and Managing Software Requirements is the guide that recommended to you to learn. You can see the quality of the e-book content that will be shown to a person. The language that creator use to explained their ideas are easily to understand. The article writer was did a lot of study when write the book, to ensure the information that they share to you is absolutely accurate. You also might get the e-book of Engineering and Managing Software Requirements from the publisher to make you a lot more enjoy free time.

Henry Woods:

The actual book Engineering and Managing Software Requirements has a lot of knowledge on it. So when you read this book you can get a lot of help. The book was published by the very famous author. The author makes some research just before write this book. This kind of book very easy to read you will get the point easily after reading this book.

Lionel Gutierrez:

Engineering and Managing Software Requirements can be one of your basic books that are good idea. All of us recommend that straight away because this publication has good vocabulary that could increase your

knowledge in vocab, easy to understand, bit entertaining but delivering the information. The article author giving his/her effort to place every word into pleasure arrangement in writing Engineering and Managing Software Requirements yet doesn't forget the main point, giving the reader the hottest as well as based confirm resource information that maybe you can be one of it. This great information can certainly drawn you into brand new stage of crucial pondering.

Richard Diller:

Many people spending their time by playing outside along with friends, fun activity using family or just watching TV all day every day. You can have new activity to shell out your whole day by examining a book. Ugh, do you think reading a book will surely hard because you have to use the book everywhere? It all right you can have the e-book, having everywhere you want in your Smartphone. Like Engineering and Managing Software Requirements which is having the e-book version. So , why not try out this book? Let's view.

Download and Read Online Engineering and Managing Software Requirements From Springer #LQ42EJ356TB

Read Engineering and Managing Software Requirements From Springer for online ebook

Engineering and Managing Software Requirements From Springer 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 Engineering and Managing Software Requirements From Springer books to read online.

Online Engineering and Managing Software Requirements From Springer ebook PDF download

Engineering and Managing Software Requirements From Springer Doc

Engineering and Managing Software Requirements From Springer MobiPocket

Engineering and Managing Software Requirements From Springer EPub

LQ42EJ356TB: Engineering and Managing Software Requirements From Springer