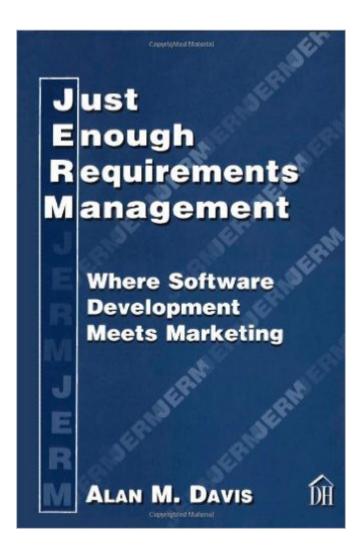
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# Just Enough Requirements Management: Where Software Development Meets Marketing





# Synopsis

If you develop software without understanding the requirements, you're wasting your time. On the other hand, if a project spends too much time trying to understand the requirements, it will end up late and/or over-budget. And products that are created by such projects can be just as unsuccessful as those that fail to meet the basic requirements. Instead, every company must make a reasonable trade-off between what's required and what time and resources are available. Finding the right balance for your project may depend on many factors, including the corporate culture, the time-to-market pressure, and the criticality of the application. That is why requirements management— gathering requirements, identifying the "right" ones to satisfy, and documenting them— is essential. Just Enough Requirements Management shows you how to discover, prune, and document requirements when you are subjected to tight schedule constraints. You'll apply just enough process to minimize risks while still achieving desired outcomes. You'll determine how many requirements are just enough to satisfy your customers while still meeting your goals for schedule, budget, and resources. If your project has insufficient resources to satisfy all the requirements of your customers, you must read Just Enough Requirements Management.

------ Reviews "Al Davis takes for his subject the largely unexplored middle ground between the requirements purists and the requirements cowboys. Since it's this middle ground where real work gets done, his guidance is both useful and welcome." —Tom DeMarco, coauthor of Peopleware Principal, The Atlantic Systems Guild, systemsguild.com

## **Book Information**

Paperback: 240 pages Publisher: Dorset House (May 30, 2005) Language: English ISBN-10: 0932633641 ISBN-13: 978-0932633644 Product Dimensions: 0.8 x 6.2 x 9 inches Shipping Weight: 12 ounces (View shipping rates and policies) Average Customer Review: 4.3 out of 5 stars Â See all reviews (9 customer reviews) Best Sellers Rank: #869,478 in Books (See Top 100 in Books) #138 in Books > Computers & Technology > Business Technology > Software > Project Management Software #420 in Books > Computers & Technology > Computer Science > Systems Analysis & Design #2406 in Books > Computers & Technology > Programming > Software Design, Testing & Engineering > Software Development

## **Customer Reviews**

The title says it all, this book really does explore all of the issues surrounding how to do just enough requirements management on your software development projects. I'd argue that it provides the insight that you require to put together an requirements program within your organization that is right for you, one that is sufficiently agile yet still reflects your situation. It explores strategies for eliciting requirements, prioritizing/triaging requirements, specifying requirements, and finally managing requirements change. Davis managed to pull off what few writers can do - by exploring the requirements management spectrum he has presented a range of strategies which should speak to both traditionalists and agilists. For traditionalists he presents some pretty convincing arguments that the "big requirements document up front" strategy might not be all that effective, and for agilists he presents convincing arguments that we need to invest some effort in requirements document, it's to deliver working software which meets the needs of your stakeholders in a timely and cost effective manner. Sounds like really great advice to me.

I was very impressed when reading Alan Davis' latest book on 'Just enough Requirements Management.'In his past work he has worked on bringing more formalism into requirements engineering in order to make them correct. However, over time he realized that this doesn't solve the real problems, because the requirements are changing despite the fact they've been formalized in advance. There are not many people who are confident enough to admit that they have learned over the past years which also means that they've changed their mind. Alan is competent enough doing so which makes him really authentic. A real eye opener for most of the readers is probably his illustration of the reality of ongoing requirements activities despite using a waterfall approach. In this fast moving world, it is essential to know how much requirements engineering is necessary in order to being able to moving on and it is even more important to know when to stop doing requirements engineering for being in-time on the market. I really recommend reading this book in order to know what barely sufficient requirement engineering is all about.

Al Davis has done it again, with a highly practical and useable book on the ongoing process of effectively managing changing requirements. Davis is an expert in requirements, bringing to light his

vast expertise in many domains including systems engineering on real (very large) projects as well as commercial software. He is perhaps THE expert on requirements triage. This book provides practical advise on how to do triage and provides examples and wisdom on documenting requirements that honors both the need to 'write it down' in some way with the reality of ever-changing requirements.

If you think that requirements are not all that necessary, this book might change your view: Before you build something, you should decide what you want to build. If you think you cannot start development until requirements are "complete," Davis will convince you that, since requirements change, requirements management is an ongoing activity. He breaks it down into three major areas:- Requirements elicitation (i.e. determining the actual needs of the stakeholders): This includes identifying ALL the stakeholders and also knowing when and how to apply different elicitation techniques. Davis comments on the proper use of modeling notations are really noteworthy.- Requirements triage (to balance the delivery date and the development budget against desired requirements): If you don't know what triage is, then you should probably read this book. Its importance (and the author's bias) is manifest when you realize that it has the longest chapter in this book.- Requirements specification (i.e. documenting requirements): Davis advocates for the use of lists of discrete annotated requirements written in natural language just because natural language is the language of customers (and free text is not too manageable). Supporting models can also be sensibly used, but only for those parts of the system where the use of natural language would introduce too much risk, never to completely replace the written requirements."Just Enough Requirements Management" ends with a reminder of change as an unavoidable fact. It also includes an extensive annotated bibliography for those interested in learning more about requirements, just after reading this cleverly-written book...

The information in JERM is concise, practical, and to the point. It has become a must have in my collection alongside my Peopleware and Man Made Month. It has lots of images that do an excellent job of explaining just how to make sure your requirements remain useful on a practical level. I bought this copy for my team at the office, but I'll be ordering one for my home library as well.

I am reading another book on the same topic as I read this one, and I must say, this one is so much easier to read and understand. If you have any experience in software, this book will be a pleasure to read.I would recommend to both practitioners and students.

### Nothing spécial

Alan Davis has written a good book on Requirements Management. He has explained his approach and includes a lot common sense with it. I had just finished a class discussion on requirement attributes, and we had "brainstormed" a comprehensive list of 30+ attributes. On this topic, Davis explained how his opinion had changed over time so that now he felt eight attributes was enough. I agreed completely. Reviewing a list of a hundred or more requirements, and validating that each met a list of attributes, which list makes more sense to you - 8 or more than 30? A good book, but a little "over-priced" for \$35 for only 240 pages.

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