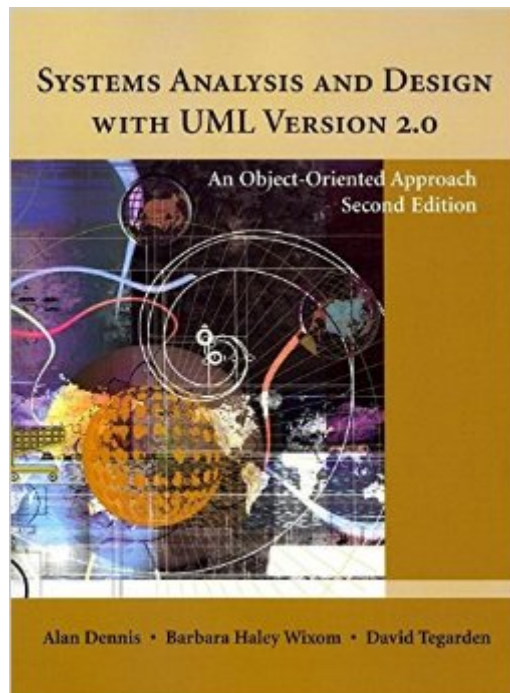


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# Systems Analysis And Design With UML Version 2.0: An Object-Oriented Approach



## Synopsis

A modern, hands-on approach to doing SAD--in UML! Get the core skills you need to actually do systems analysis and design with this highly practical, hands-on approach to SAD using UML! Authors Alan Dennis, Barbara Haley Wixom, and David Tegarden guide you through each part of the SAD process, with clear explanations of what it is and how to implement it, along with detailed examples and exercises that allow you to practice what you've learned. Now updated to include UML Version 2.0 and revised, this Second Edition features a new chapter on the Unified Process, increased coverage of project management, and more examples. Highlights

- \* Written in UML: The text takes a contemporary, object-oriented approach using UML.
- \* Focus on doing SAD: After presenting the how and what of each major technique, the text guides you through practice problems and then invites you to use the technique in a project.
- \* Rich examples of both success and failure: Concepts in Action boxes describe how real companies succeeded and failed in performing the activities in the chapters.
- \* Project approach: Each chapter focuses on a different step in the Systems Development Life Cycle (SDLC) process. Topics are presented in the order in which they are encountered in a typical project.
- \* A running case: This case threaded throughout the text allows you to apply each concept you have learned.

## Book Information

Hardcover: 544 pages

Publisher: Wiley; 2 edition (August 10, 2004)

Language: English

ISBN-10: 0471348066

ISBN-13: 978-0471348061

Product Dimensions: 8.3 x 1 x 10.2 inches

Shipping Weight: 2.7 pounds (View shipping rates and policies)

Average Customer Review: 3.8 out of 5 stars Â Â See all reviewsÂ (9 customer reviews)

Best Sellers Rank: #1,183,860 in Books (See Top 100 in Books) #88 inÂ Books > Computers & Technology > Programming > Software Design, Testing & Engineering > UML #410 inÂ Books > Textbooks > Computer Science > Object-Oriented Software Design #565 inÂ Books > Computers & Technology > Computer Science > Systems Analysis & Design

## Customer Reviews

The book offers a very pragmatic approach to the subject of system analysis and design. It also has the advantage of not being dispersive, so the reader does never loose the focus. Repetition occurs

only occasionally, for concepts that may be more hostile to digest. The only thing that I reckon is missing is a support with some templates that is possible to use (e.g. a CD-ROM with examples of analysis and design). Overall, I would say it is a very good deal! Definitely worth having it!

I have looked at over twenty books on UML and its updates over the past few years, and this book is a gem. It is concise, and provides a clear picture of the entire systems design process. It shows how UML 2.0 can be used to support system requirements capture, specification, analysis, and design. It clearly says what is important and what is not, and what is not covered in the book. Very pleasing to look at visually, with nice pictures and colors, and very good use of footnotes. I would recommend this highly to all university faculty considering creating or teaching a course in system design using UML. Excellent job by the authors in exceeding the goals and expectations set by this book. The above views are my personal views, and don't reflect those of any other institution. I am using parts of it at a graduate course I teach at Georgia Tech.

After reading a couple of 'classic' system analysis texts I felt I needed to read about system analysis and UML. This title had some good reviews so I purchased a copy. This book did cover both system analysis and UML, but I felt that it did not cover either well. I had a hard time engaging with the content and linking it with my existing knowledge of UML and systems analysis. If you are interested in UML and systems analysis I would recommend reading "Modern Structured Analysis" (Yourdon Press Computing Series) by Edward Yourdon, and finding a good UML 2 text (I'm looking for one now). For the price, I was expecting a much better book.

The UML writing style of this book is very easy to follow, and a great way to gradually introduce the whole concept of object-oriented analysis and design methodologies to the readers, especially the beginners. The authors did a great job illustrating the entire system development life cycle with a coherent and realistic example using the latest UML notations, practical methodologies, and various analytical artifacts. The only criticism I have is that sometimes the description of a particular topic spans over multiple pages without sub-leveling or sub-topics or highlights, making it very difficult for user to go back and perhaps mine certain important concepts embedded in the discussion. Perhaps more generalization relationship and diagrams can be helpful. Overall, it is a very good source of reference for object-oriented design in layman's term. I will strongly recommend it to my colleagues.

This is an excellent book on Systems Analysis and Design with UML. It teaches you easily. I would

highly recommend it!

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