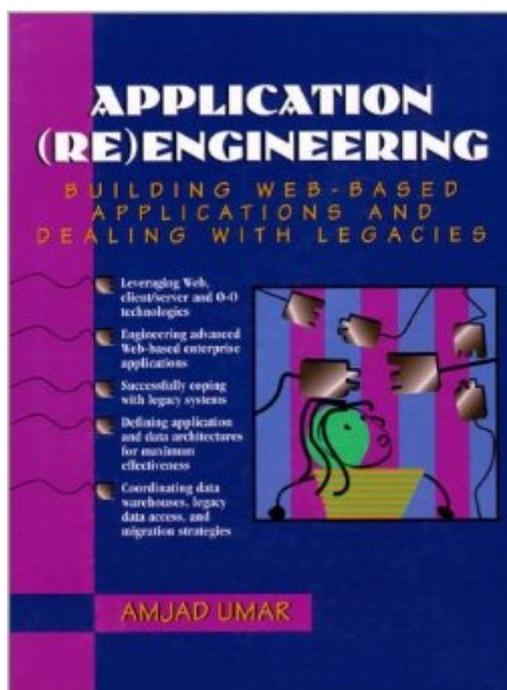# Application Reengineering: Building Web-Based Applications And Dealing With Legacies

Synopsis

This book presents a comprehensive, systematic approach to building advanced, Web-based enterprise applications. Three technologies are converging to dramatically change the nature of application development: client/server, object-orientation, and the Internet. This book is a complete guide to successfully integrating all of these technologies in new enterprise applications. Expert consultant and project manager Dr. Amjad Umar shows how to establish data architectures, application architectures, and frameworks that enable successful Web-based software development. He presents a detailed methodology for using middleware to engineer new applications, or reengineer existing ones. He also offers a systematic approach to cope with legacy systems - including legacy data access, data warehousing and application migration/transition strategies. For each major issue confronting developers, he considers the state of today's marketplace, as well as trends that will powerfully impact development in the near future. The book contains extensive guidelines, implementation examples and case studies, using a wide range of technologies, including CORBA, ActiveX, PowerBuilder, Encina, and Web gateways such as CGI. All IT professionals, trainers, teachers and advanced students.

Book Information

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Customer Reviews

The author made no assumptions regarding the reader's technical knowledge. Thus, he provides a comprehensive guide beginning with the fundamentals of application re-engineering to the technical

details of Web development; e.g., CGI and JAVA. Experienced architects will rejoice, because finally someone put all the information needed in one book. Those who are inexperienced with architectures or re-engineering can sit down and learn how all the different pieces fit together. This is the only book I have ever seen that puts all the pieces of application architecture and system design together tjat is easy to read, easy to understand, and steps through each part of the process. Well done!

Great book for designer and technical architect, the presentation of the book is very good, it go through the guidelines, implementation examples and case studies in nice and simple way support by good charts, graphs and tables. That is one of few books in the market which cover all the phases of software life cycle including analysis, application architectures and design... Its easy to read and understand, but hard to find in the books stores, my guess its one of the great books I had in my library from couple of years.

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