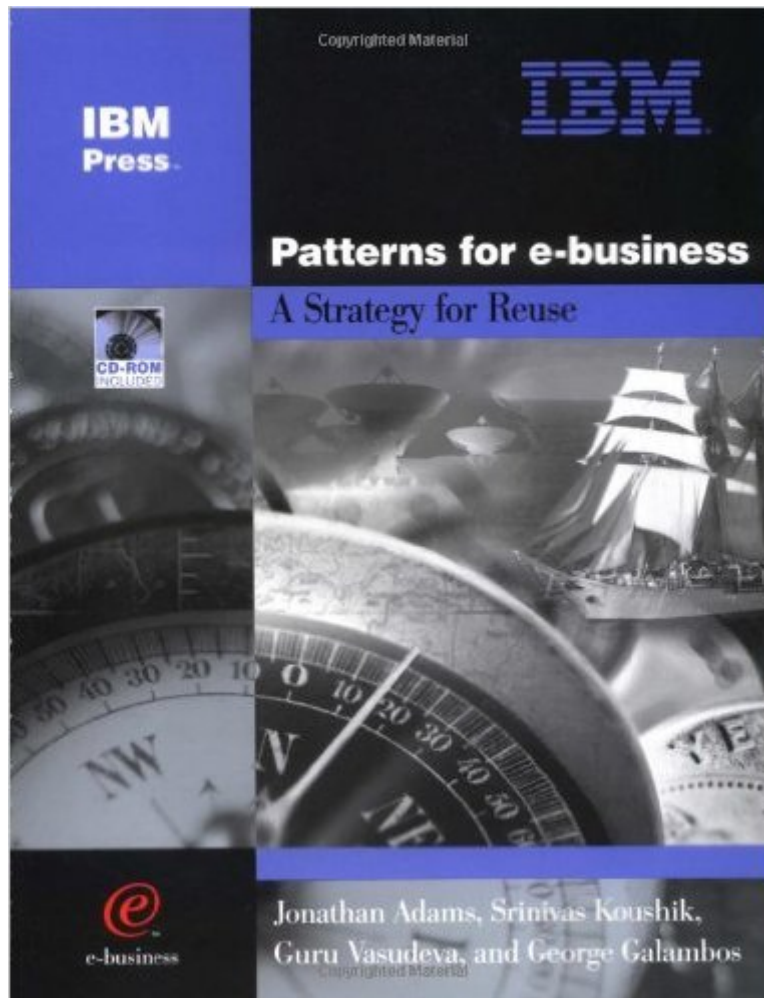


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# Patterns For E-business



## Synopsis

Get an inside look at how successful businesses build their e-business architectures. In this book, four IBM e-business experts capture years of experience into easy-to-follow guidelines. Deliberately focusing on Business patterns, Integration patterns, and Application patterns, the authors share with you proven architectural patterns that can help get you up and running quickly, while at the same time reducing your risks. Because today's economy demands that e-business initiatives emphasize profitability and return on investment, the authors also offer guidance on methods to minimize cost, yet ensure quality. Many e-business applications and initiatives fail because of the lack of a comprehensive look at e-business architectures. For example, the recent crashes of many e-business applications costing millions of dollars could have been avoided if all aspects of operational issues had been addressed properly. This book offers a blueprint for avoiding such mistakes and for achieving success in the new digital economy. It also includes case studies, examples, references, and pointers to other materials.

## Book Information

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## Customer Reviews

This is a highly readable book with a much needed holistic view of e-business. Anyone who has, or is, establishing enterprise architectural standards ought to consider this approach to layering assets i.e patterns. The book introduces a real insight into reuse! I have read "Objects, Components and Frameworks with UML" (The Catalysis Approach) by Desmond D'Souza/Alan Wills and "Software Reuse" by Ivar Jacobson/Martin Griss/Patrik Jonsson. I struggled with both these books to abstract

the basic concepts of software reuse. "Patterns for e-business" helped enormously. If, like me, time is at a premium but you really need to understand a strategy for reuse...then read this book!

I work for a company that builds and extends enterprise applications for other companies. This book has really helped get our architecture practice in order. The best thing about this book is that it gives a methodology for designing an architecture based upon business requirements. This transition from the problem space (needs, features, requirements, etc.) to the solution space (architecture, design, tools, etc.) is glossed over or non-existent in most patterns books as they are oriented on starting at the architecture level (or lower) instead of the business requirements. We have found this methodology very useful for reducing project risk because we are building upon proven patterns and it has proven very useful for developing quick and concise proposals that demonstrate to our clients that we listened, understood, and have a roadmap for building their solution. Although the IBM e-business patterns website offers much more information than this book (and it's free), the book is a great asset because it steps you through the high levels of the methodology in a more approachable way.

The patience and persistence of the authors has resulted in a text that should soon be recognized as a work of a higher order than the classic "Design Patterns - Elements of Reusable Object-Oriented Software" by Gamma, et al. Higher order here indicates a higher position in the design process. The two works address different areas of the pattern domain, but, by addressing business leaders and solution designers, Adam's "Patterns for e-business" will have the effect of helping drive the use of patterns at all levels of the software construction process. The pattern classifications, and the clear indication of business and IT drivers are excellent. No matter what your role, reading this work will make you a better participant in the systems design and construction process. The authors take the time to recommend, based on your role, which chapters to read, and in which order. My suggestion -- read them all, front to back. As someone who loves learning, I was especially drawn to the Composite patterns and discussions regarding the use of packages to provide the implementation of many parts of some patterns. Prior to the publication of this work, I attended Mr. Adams' presentation on patterns and later used the Patterns Development Kit (PDK) that supports the patterns. The session was great, I felt more of an architect/designer and builder than on any project or engagement. The authors have made a great contribution to systems development by cataloging years of knowledge in a way that helps practitioners make sound design decisions. Adams, Gamma, and Booch/Rumbaugh are names to remember.

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