“The burgeoning field of Model Driven Architecture tools and worldwide support for the Unified Modeling Language are finally being met with high-quality books that explain standard modeling techniques in a way any developer can follow. This book meets an urgent need squarely and clearly, and explains with copious examples a powerful approach to building usable (and reusable) assets and applications. Every enterprise developer needs this book.”
—Richard Mark Soley, Chairman and CEO, Object Management Group

This book is a practical guide to applying Model Driven Architecture (MDA) and patterns in order to create business applications more easily. It provides you with a proven catalog of archetype patterns: high-value model components that can be easily incorporated into Unified Modeling Language (UML) models. Each archetype pattern allows you to understand and model a specific part of an enterprise system.

*Enterprise Patterns and MDA* teaches you how to customize any archetype pattern—such as Customer, Product, and Order—to reflect the idiosyncrasies of your own business environment. Because all the patterns work harmoniously together and have clearly documented relationships to each other, you’ll come away with a host of reusable solutions to common problems in business-software design.

This book shows you how using a pattern or a fragment of a pattern can save you months of work and help you avoid costly errors. You’ll also discover how—when used in literate modeling—patterns can solve the difficult challenge of communicating UML models to broad audiences.

The configurable patterns can be used manually to create executable code. However, the authors draw on their extensive experience to show you how to tap the significant power of MDA and UML for maximum automation. Not surprisingly, the patterns included in this book are very valuable; a blue-chip company recently valued a similar, but less mature, set of patterns at hundreds of thousands of dollars.

Use this practical guide to increase the efficiency of your designs and to create robust business applications that can be applied immediately in a business setting.

Since 1990, JIM ARLOW has been programming and designing object-oriented systems, including object models, for companies such as Credit Suisse First Boston and British Airways. A respected object-oriented consultant, he has written and delivered training courses in London, Frankfurt, and Zurich. Jim is a regular speaker at conferences such as Object World and has been an invited speaker at City University and the British Computer Society.

Over her twenty years working in British Airways’ IT Department, ILA NEUSTADT has gained experience in all phases of the development lifecycle. She developed the company’s data-quality methodology and analyzed and formalized its approach to developing business and system architectures.