New Book by Judith Bishop, 2008
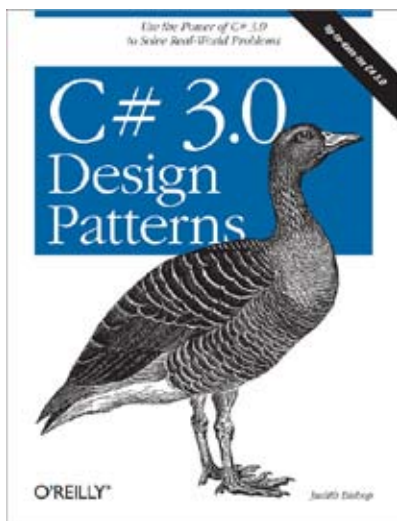

Prof Judith Bishop's new book, C# 3.0 Design Patterns, draws on new C# 3.0 language and .NET 3.5 framework features to implement the 23 foundational patterns well-known to software developers. Its goal is to enable programmers to accelerate the development of .NET applications. Each pattern is introduced by an example showing the pattern at work in modern scenarios such as blogs, chat rooms, FaceBook and Flickr. Insightful tables and comparisons are there to help the reader develop skills in choosing one pattern over another.

Bishop is an accomplished author, and this is her 14th book in 25 years, but her first for USA computer science publishing giant, O'Reilly. Says the Founder and CEO of O'Reilly Media, Tim O'Reilly: "That someone writing in South Africa could pen the definitive work on the computer science associated with Microsoft's signature programming language reminds us all that talent knows no national boundaries, and that every country can be a player in what is now a global technology revolution."

Having already written an introductory C# text in 2003, Bishop realised the benefits of the new features announced by Microsoft in 2007 and wanted to write a book that introduced design patterns and language features together. "With this book, programmers will learn how to write correct, concise, extensible code that saves time up front and eliminates problems later," says Bishop. Added Eric Lippert from Microsoft's C# Compiler Team, "C# 3.0 Design Patterns" brings the frequently abstruse world of design patterns into sharp focus with pragmatic C# 3.0 implementations." The book is intended for programmers, system developers and students. It has an associated web site at http://patterns. cs.up.ac.za containing all the code and diagrams from the book. The price of the book is R310 – it is going to be reprinted because the first printing has already sold out. ℹ

Reviewed by Dr Stefan Gruner

→ *Prof Judith Bishop recently received the Fellowship Award of the Computer Society of South Africa, in recognition of her achievements and long-term commitment to the objectives of the society.*