

Effective Strategies and Techniques for Rapid Object-Oriented Application Development

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This tutorial will present some of the strategies and techniques that allow every-day developers to be incredibly effective, often doing in one day what other developers may take weeks, months, or even a year to accomplish. The participants will walk-through the analysis, design, and implementation of a substantial real-world application, developed in a single week using proven Object-Oriented techniques. They will learn the strategies and techniques that are used to avoid time-wasting activities. And they will see how extensibility is built in from the ground-up, addressing future requirements that may or may not have been anticipated.

The tutorial will show participants how to solve problems by finding, developing, and applying pattern languages during analysis, design, programming and even in the team organization. An emphasis will be placed on the continuity of these and other strategies and practices, one activity preparing for and leading into the next. Reliable techniques will be demonstrated in the context of real project problems, including discovering the right objects, object persistence, interfacing to legacy systems and data, discovering the right level of detail, choosing the right tools, and using frameworks.

Level: Intermediate/Advanced

Prerequisites: This tutorial will assume and build on the participant having a good familiarity with Object Modeling, UML notation, the general concept of Patterns and Pattern Languages, and at least one year experience programming in an Object-Oriented language.

Michael Anton is Director of Software Development at Financial Technology Solutions Inc, a firm specializing in software development for the financial industry. He was a Senior Management Consultant for the last two years at Sanford Bernstein, an Investment Management and Research Firm in New York City, where he also was Manager of Fixed Income Systems for four years. Mr. Anton holds a Master of Science in Engineering (Computer & Information Science) from the University of Pennsylvania and a Bachelor of Arts in Economics and Chemistry from Williams College in Massachusetts. He has over twenty years experience designing, building, and managing software projects. He has been involved in Object-Oriented Development for twelve years and has contributed to many dozens of projects in portfolio management & trading, molecular modeling, directional drilling, traffic control, office automation, Microwave CAD and interactive voice response.