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Ivor Horton

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This book is for my dear wife, Eve, who for so many years has given me unconditional support and love in whatever I choose to do. I could not have written this without her.

ABOUT THE AUTHOR

IVOR HORTON graduated as a mathematician and was lured into information technology by promises of great rewards for very little work. In spite of the reality usually being a great deal of work for relatively modest rewards, he has continued to work with computers to the present day. He has been engaged at various times in programming, systems design, consultancy, and the management and implementation of projects of considerable complexity.

Horton has many years of experience in the design and implementation of computer systems applied to engineering design and manufacturing operations in a variety of industries. He has considerable experience in developing occasionally useful applications in a wide variety of programming languages, and in teaching primarily scientists and engineers to do likewise. He has been writing books on programming for many years, and his currently published works include tutorials on C, C++, and Java. At the present time, when he is not writing programming books or providing advice to others, he spends his time fishing, traveling, and enjoying life in general.

ABOUT THE TECHNICAL EDITOR

MARC GREGOIRE is a software engineer from Belgium. He graduated from the Catholic University of Leuven, Belgium, with a degree in "Burgerlijk ingenieur in de computer wetenschappen" (equivalent to master of science in engineering in computer science). The year after, he received the cum laude degree of master in artificial intelligence at the same university. After his studies, Marc started working for a big software consultancy company called Ordina Belgium. As a consultant, he worked for Siemens and Nokia Siemens Networks on critical 2G and 3G software running on Solaris for big telecom operators. This required working in international teams stretching from South America and USA to EMEA and Asia. Now, Marc is working for Nikon Metrology on 3D scanning software.

His main expertise is C/C++, and specifically Microsoft VC++ and the MFC framework. Next to C/C++, Marc also likes C# and uses PHP for creating web pages. In addition to his main interest for Windows development, he also has experience in developing C++ programs running 24/7 on Linux platforms; for example, EIB home automation-controlling and monitoring software.

Since April 2007, he received the yearly Microsoft MVP (Most Valuable Professional) award for his Visual C++ expertise.

Marc is the founder of the Belgian C++ Users Group (`www.becpp.org`) and an active member on the CodeGuru forum (as Marc G). He also creates freeware and shareware programs that are distributed through his website at `www.nuonsoft.com`, and maintains a blog on `www.nuonsoft.com/blog/`.

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