Microsofts Shared Source CLI (code-named Rotor) is the publicly available implementation of the ECMA Common Language Infrastructure (CLI) and the ECMA C language specification. Loaded with three million lines of source code, it presents a wealth of programming language technology that targets developers interested in the internal workings of the Microsoft .NET Framework, academics working with advanced compiler technology, and people developing their own CLI implementations. The CLI, at its heart, is an approach to building software that enables code from many independent sources to co-exist and interoperate safely. Shared Source CLI Essentials is a companion guide to Rotors code. This concise and insightful volume provides a road map for anyone wishing to navigate, understand, or alter the Shared Source CLI code. This book illustrates the design principles used in the CLI standard and discusses the complexities involved when building virtual machines. Included with the book is a CD-ROM that contains all the source code and files.

My Personal Review:
As someone who has spent a fair amount of time toying with and writing about managed code I have to say that I am in awe of the wisdom and clarity contained in this book. "SSCLI Essentials" transcends its subject matter (a research platform unlikely to be used much outside of academia) to be one of the best books I've ever read on Virtual Execution concepts. Java, the CLR, Smalltalk, and all other such environments ultimately have to solve the same problem (How to turn source code into executing machine instructions?). This book uses the SSCLI as a backdrop for exploring decades of VM research and explaining the historical forces influencing how and why this particular implementation (and by implication, Microsoft's commercial CLR) works. The resulting volume is concise, fascinating, and thorough. Given the increasing importance of virtual environments in the computing world today I think most all working developers (including Java developers!) owe it to themselves to read this book. Even if you never plan to install or use the SSCLI codebase you'll
benefit from Dave and friends' lucid explanation of the issues facing modern VM environments and how one particularly popular platform chooses to solve them.

For More 5 Star Customer Reviews and Lowest Price:

*Shared Source CLI Essentials by Geoff Shilling - 5 Star Customer Reviews and Lowest Price!*