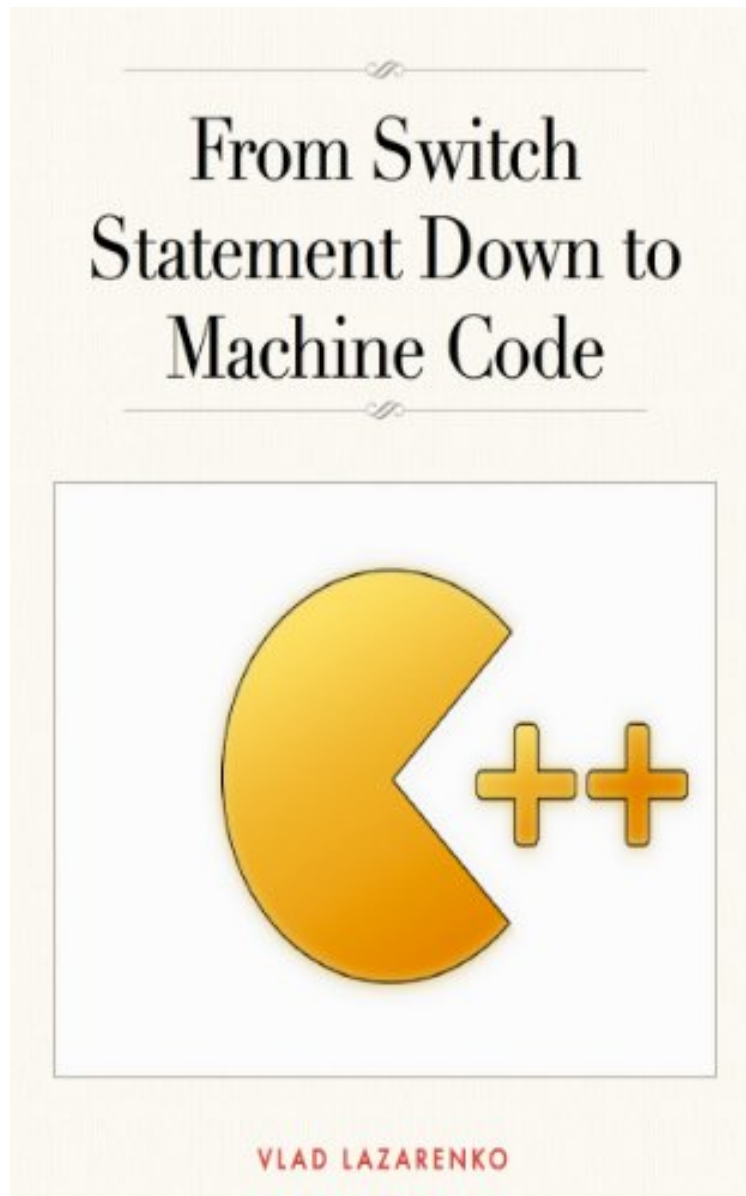


[Free read ebook] From Switch Statement Down to MachineCode (English Edition)

From Switch Statement Down to MachineCode (English Edition)

Von Vlad Lazarenko

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Von Vlad Lazarenko : From Switch Statement Down to MachineCode (English Edition) before purchasing it in order to gage whether or not it would be worth my time, and all praised From Switch Statement Down to MachineCode (English Edition):

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. Not all that deepVon -KundeVlad Lazarenko looks at what two specific compilers do with a variety of switch statements. The

analysis is decent, but something I would expect any senior programmer to be able to do on their own, and for other versions, other compiler flags or just other surrounding code, will need to, anyway. The text unfortunately falls a bit short on discussing different target processors it discusses the output of the compilers on one machine only, and the reasons for the optimization are only sketched in very broad strokes. Still, for any developer who is currently struggling with the connection between higher-level code (in this case, C, but many languages have switch statements) and machine code, this text is likely to give some blocks to build into the complete picture. I fully recommend getting a good grasp of this connection, and do currently not know of any other introduction to how to get from a switch statement to high-performing machine code. Just do not think it would teach you every last detail you need for writing your own compiler.

KurzbeschreibungIn this book we do a research of how different compilers generate code to implement high-level "switch" constructs, with code examples, disassembly analysis and discuss different optimization techniques that can be used to make the code more efficient.**Kurzbeschreibung**In this book we do a research of how different compilers generate code to implement high-level "switch" constructs, with code examples, disassembly analysis and discuss different optimization techniques that can be used to make the code more efficient.