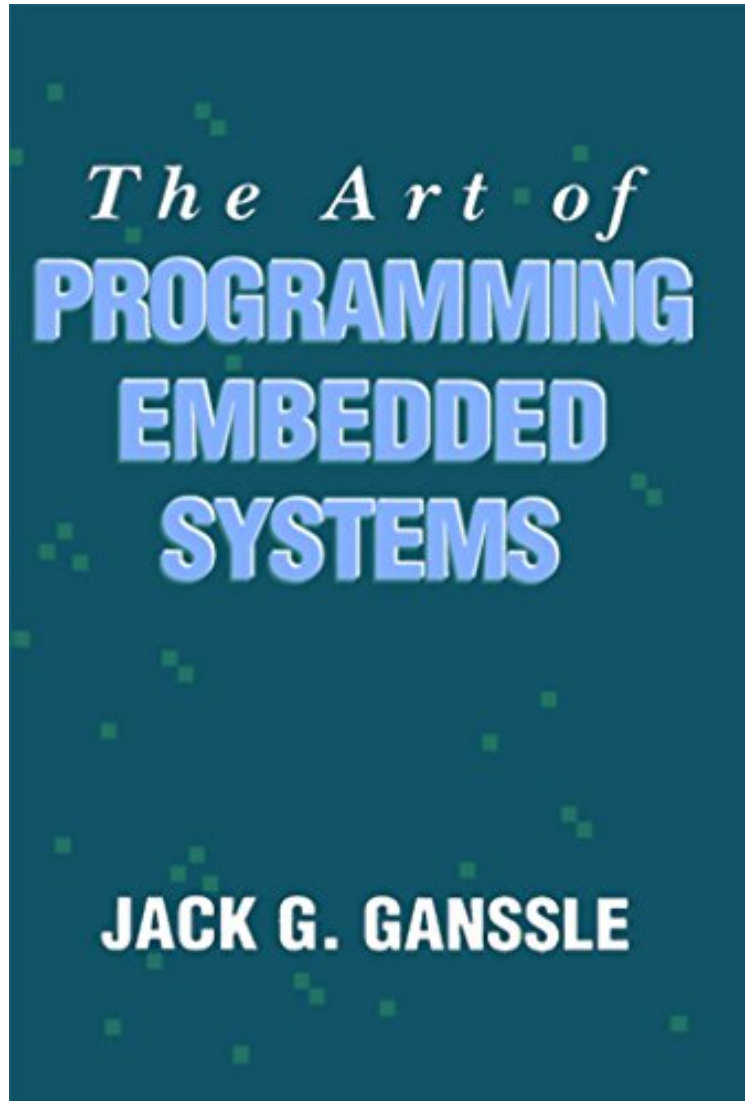


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The Art of Programming Embedded Systems

Von Jack Ganssle

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Von Jack Ganssle : The Art of Programming Embedded Systems before purchasing it in order to gage whether or not it would be worth my time, and all praised The Art of Programming Embedded Systems:

Kundenrezensionen Hilfreichste Kundenrezensionen 1 von 1 Kunden fanden die folgende Rezension hilfreich. A Rendezvous with Realtime Reality Von James W.D. Bailey This book appears to encapsulate the themes of Mr. Ganssle's enjoyable magazine articles. As in his columns he has preserved his chatty prose style without seeming too smug about it. Though Mr. Ganssle presents his ideas very clearly, there are times when more schematics drawings or illustrations would be helpful. In addition, his books contain few code examples; but the ones that are there are very

useful. He makes up for these shortcomings by putting forward very practical suggestions to help the reader work smarter. The biggest criticism I have has to do with the price. I had the opportunity to examine the book before I purchased it, so it was somewhat easier for me to judge the book's value than someone buying it sight unseen. However, this factor will aid me in making future judgments about other books offered by his publisher. In the final analysis, any embedded software engineer, striving toward the elusive goal of being a better professional, will find valuable suggestions to that end in this book.

1 von 1 Kunden fanden die folgende Rezension hilfreich. outdated but has useful tips for low level programming

Von Ein Kunde Jack Ganssle writes VERY GOOD articles on embedded programming for the magazine Embedded Systems Programming which is probably the best technical magazine available for embedded SW guys. His book has some very useful tips regarding low level programming/debugging issues. The kind of tips most people learn on the job and you will not learn in school. However, overall it is too loosely structured for newbies and kinda outdated for people doing 32 bit work. The current price is also outrageous (I got my 1st edition much cheaper). Save your money and get a subscription to Embedded Systems Programming instead. Not as bad a book as Dr. Hussain states but its not worth \$85 either!

0 von 0 Kunden fanden die folgende Rezension hilfreich. Solid techniques and advice for embedded development

Von Ein Kunde The sections on self-test and boot diagnostics, NMI usage and emulator gotchas were most valuable to me. I generally agreed with the author's comments on design and software reuse. As another reviewer noted, the text is a little dated i.e JTAG is available on most of the systems I work with and there are several assembly language and BASIC code listings. Readers should be careful applying the code in the chapter on approximations. For example, the code repeatedly performs polynomial evaluations using the form $a_0 + a_1 * x + a_2 * x * x + \dots$; it may have been written this way to be understandable (if so, it should be noted) but it is very computationally expensive. I would probably compare them to "Numerical Recipes in C" before using them. I'm glad to see embedded programming addressed in a book and would welcome a future version that addresses DSP, HW/SW co-design and an example application of real-time UML.

Kurzbeschreibung Embedded systems are products such as microwave ovens, cars, and toys that rely on an internal microprocessor. This book is oriented toward the design engineer or programmer who writes the computer code for such a system. There are a number of problems specific to the embedded systems designer, and this book addresses them and offers practical solutions. Offers cookbook routines, algorithms, and design techniques Includes tips for handling debugging management and testing Explores the philosophy of tightly coupling software and hardware in programming and developing an embedded system Provides one of the few coherent references on this subject

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