Embedded Software: The Works

Von Colin Walls
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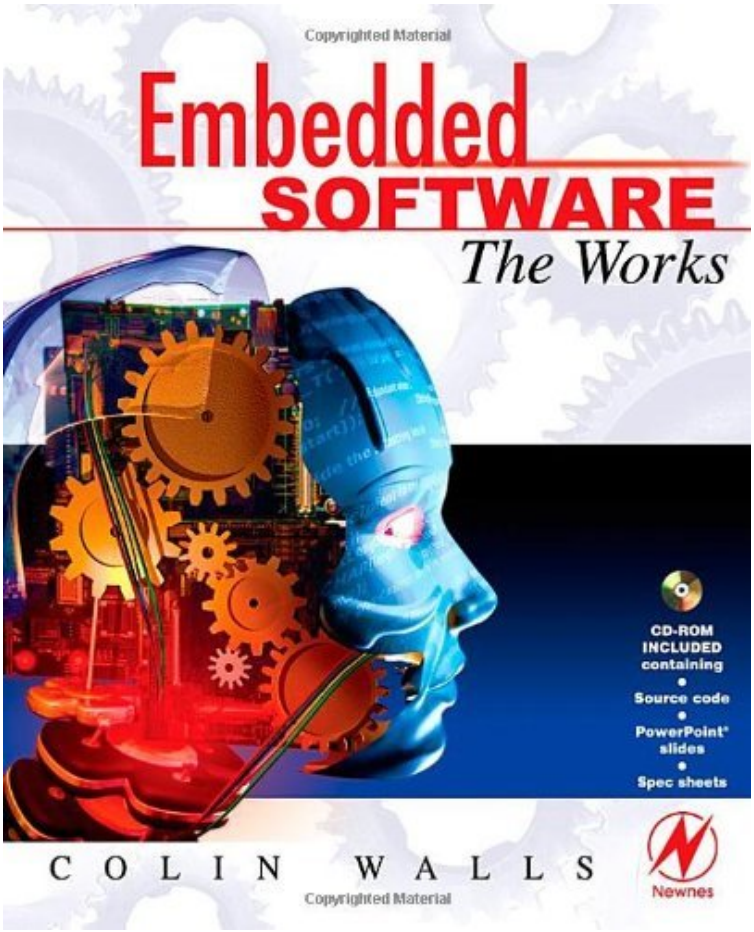

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Von Colin Walls : Embedded Software: The Works before purchasing it in order to gage whether or not it would be worth my time, and all praised Embedded Software: The Works:

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. Embedded Software. The WorksVon ThomasIm Vorwort ist die Problemstellung przise beschrieben: In praktisch allen Lebenslagen bedeuten 90% richtige Ergebnisse ein ganz hervorragende Leistung im Bereich der Softwareentwicklung sind 90% katastrophal, selbst 99,9% resultieren in schlechter Qualitt. Das Problem verschrft sich noch bei Embedded Systemen, bei denen Software und Hardware eng miteinander verquickt sind. Dieses Spannungsfeld zwischen der imperfekten menschlichen Natur und den Anforderungen moderner Technik lsst sich nur mit Hilfe ebendieser Technik entspannen. Entwicklungshilfsmittel wie Eclipse, UML und Echtzeit-Tools legen den Entwicklern Fesseln an, die sie daran hindern sollen, Fehler zu begehen eine notwendige Einschrnkung? Empfehlung: Lesen und Lernen!

KurzbeschreibungEmbedded software needs have grown exponentially over the past quarter century. In 1975 writing 10,000 lines of assembly code was a considered a huge undertaking. Today, a cell phone can contain five million lines of C or C++! Embedded software developers must have a strong grasp of many complex topics in order to make faster, more efficient and more powerful microprocessors to meet the publics growing demand. This practical guide, written by industry pioneer Colin Walls, helps embedded design engineers to rise to that challenge. The author offers expertise and insights from his quarter century of design experience, covering a plethora of major concerns in an easy-to-reference essay format that provides the reader with detailed tips and techniques, and rigorous explanations of technologies. Contributions from other well-known designers in the embedded systems field offer additional seasoned perspectives on everything from exotic memories to USB software. This one book has an amazing breadth of coverage, undertaking all the key subjects embedded engineers need to understand in order to succeed, including Design and Development, Programming, Languages including C/C++, and UML, Real Time Operating Systems Considerations, Networking, Programmable Logic and much more. For those in the field who are looking to broaden their professional skill-sets in order to advance, as well as those "newbies" just entering the field of embedded systems design, this comprehensive new reference is a must-have!The accompanying CD-ROM contains source code for the many real-world examples in the text, to save readers from needless re-typing. Also included are PowerPoint slides to create training seminars or classes from the text, and various product-related spec sheets.* Provides an amazing breadth of coverage by undertaking all the key subjects embedded engineers need to understand * Author is a true pioneer in the field, with almost 30 years' experience * Accompanying CD-ROM includes training materials and source code for the many real-world examples in the textPressestimmen"This one book has an amazing breadth of coverage, undertaking all the key subjects embedded engineers need to understand in order to succeed." - eg3.com, November 2005KurzbeschreibungEmbedded software needs have grown exponentially over the past quarter century. In 1975 writing 10,000 lines of assembly code was a considered a huge undertaking. Today, a cell phone can contain five million lines of C or C++! Embedded software developers must have a strong grasp of many complex topics in order to make faster, more efficient and more powerful microprocessors to meet the publics growing demand. This practical guide, written by industry pioneer Colin Walls, helps embedded design engineers to rise to that challenge. The author offers expertise and insights from his quarter century of design experience, covering a plethora of major concerns in an easy-to-reference essay format that provides the reader with detailed tips and techniques, and rigorous explanations of technologies. Contributions from other well-known designers in the embedded systems field offer additional seasoned perspectives on everything from exotic memories to USB software. This one book has an amazing breadth of coverage, undertaking all the key subjects embedded engineers need to understand in order to succeed, including Design and Development, Programming, Languages including C/C++, and UML, Real Time Operating Systems Considerations, Networking, Programmable Logic and much more. For those in the field who are looking to broaden their professional skill-sets in order to advance, as well as those "newbies" just entering the field of embedded systems design, this comprehensive new reference is a must-have!The accompanying CD-ROM contains source code for the many real-world examples in the text, to save readers from needless re-typing. Also included are PowerPoint slides to create training seminars or classes from the text, and various product-related spec sheets.* Provides an amazing breadth of coverage by undertaking all the key subjects embedded engineers need to understand * Author is a true pioneer in the field, with almost 30 years' experience * Accompanying CD-ROM includes training materials and source code for the many real-world examples in the text