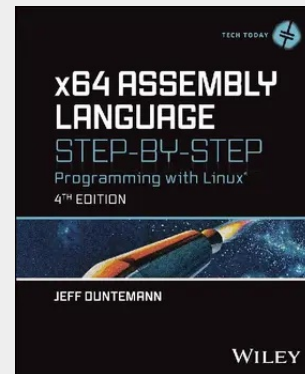


x64 Assembly Language Step-by-Step

Programming with Linux

The long-awaited x64 edition of the bestselling introduction to Intel assembly language In the newly revised fourth edition of x64 Assembly Language Step-by-Step: Programming with Linux, author Jeff Duntemann delivers an extensively rewritten introduction to assembly language with a strong focus on 64-bit long-mode Linux assembler. The book offers a lighthearted, robust, and accessible approach to a challenging technical discipline, giving you a step-by-step path to learning assembly code that's engaging and easy to read. x64 Assembly Language Step-by-Step makes quick work of programmable computing basics, the concepts of binary and hexadecimal number systems, the Intel x86/x64 computer architecture, and the process of Linux software development to dive deep into the x64 instruction set, memory addressing, procedures, macros, and interface to the C-language code libraries on which Linux is built. You'll also find: - A set of free and open-source development and debugging tools you can download and put to use immediately - Numerous examples woven throughout the book to illustrate the practical implementation of the ideas discussed within - Practical tips on software design, coding, testing, and debugging A one-stop resource for aspiring and practicing Intel assembly programmers, the latest edition of this celebrated text provides readers with an authoritative tutorial approach to x64 technology that's ideal for self-paced instruction. Please note, the author's listings that accompany this book are available from the author website at www.contrapositivediary.com under his heading "My Assembly Language Books."

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