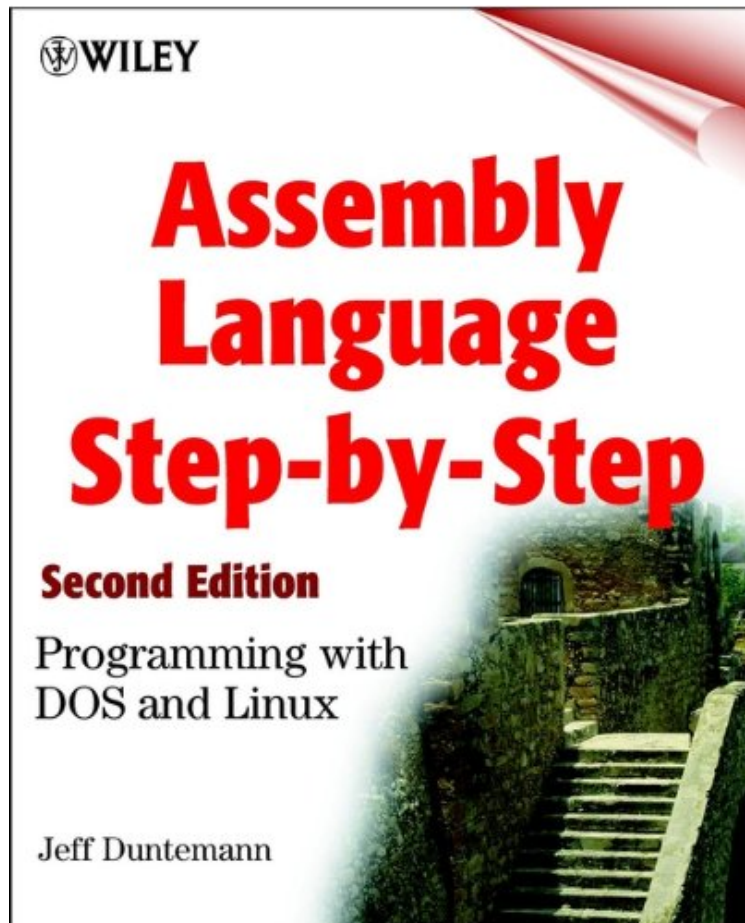


Assembly Language Step-by-Step: Programming with DOS and Linux

Von Jeff Duntemann

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Von Jeff Duntemann : Assembly Language Step-by-Step: Programming with DOS and Linux before purchasing it in order to gage whether or not it would be worth my time, and all praised Assembly Language Step-by-Step: Programming with DOS and Linux:

KundenrezensionenHilfreichste Kundenrezensionen3 von 3 Kunden fanden die folgende Rezension hilfreich. I recommend highly for any Assembly beginnerVon Robert P. ChathamLike everyone else I've ever met who's looked into learning assembly, I had a little trouble comprehending how everything fit together. I'd heard wonderful things about Duntemann's last edition of Assembly Language: Step by Step, so I decided to purchase the updated linux version. Duntemann's 600+ page book slowly guides the beginner into an understanding of Assembly. Don't be confused by the book's size - this book will NOT make an expert - perhaps not even an intermediate programmer. Instead, this book teachers the basics of assembly and provides a decent background into the workings of computer memory, the cpu, and other concepts that EVERY programmer should know. This book can't be given a higher

recommendation for anyone looking to start in assembly - Duntemann has a way of explaining (and re-explaining) through metaphors that enhance comprehension. Anyone who already has a background in this material will be amazed by the extreme explanations ("a whole CHAPTER on hex and binary! "), but it's really the perfect way to pound the knowledge in. By the end of the book, the reader will know so much more about assembly - and how/why it works. Just don't expect to be a highly skilled professional.

1 von 1 Kunden fanden die folgende Rezension hilfreich. Jeff quells the pain of ASM with precise details. Von Mychal When all other ASM books fail, this one stands upon the pedestal, boasting its complete and accurate introduction to The Assembly Language. What truly separates this book from the others is the fact that it dedicates a good portion to discussing how the internals of a computer work, including memory addressing. That in itself will set you on an easy track to understanding ASM and other mid level languages such as C. Out of all the books on Assembly I have read, this one is definitely the best for timid beginners.

0 von 0 Kunden fanden die folgende Rezension hilfreich. Very useful. Von christoph018 This book was very useful for me. It gives a very good introduction into the assembler programming with functioning examples for DOS (16 Bit) and Linux (32 Bit). The explanations are clear and its interesting and nice to read (includes some jokes). Also the Linux part is very usable. I would prefer, if we would be a little bit more independent of the C-funktions of the linux system (kind of stand alone assembler). I am curious about the new version of this book.

Kurzbeschreibung The bestselling guide to assembly language-now updated and expanded to include coverage of Linux This new edition of the bestselling guide to assembly programming now covers DOS and Linux! The Second Edition begins with a highly accessible overview of the internal operations of the Intel-based PC and systematically covers all the steps involved in writing, testing, and debugging assembly programs. Expert author Jeff Duntemann then presents working example programs for both the DOS and Linux operating systems using the popular free assembler NASM. He also includes valuable information on how to use procedures and macros, plus rare explanations of assembly-level coding for Linux, all of which combine to offer a comprehensive look at the complexities of assembly programming for Intel processors. Providing you with the foundation to create executable assembly language programs, this book:

- * Explains how to use NASM-IDE, a simple program editor and assembly-oriented development environment
- * Details the most used elements of the 86-family instruction set
- * Teaches about DEBUG, the single most useful tool you have as an assembly language programmer
- * Examines the operations that machine instructions force the CPU to perform
- * Discusses the process of memory addressing
- * Covers coding for Linux

The CD-ROM includes:

- * Net-Wide Assembler (NASM) for both DOS and Linux
- * NASM-IDE, a command shell and code editor for DOS
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