Writing Compilers and Interpreters: A Software Engineering Approach

Von Ronald Mak
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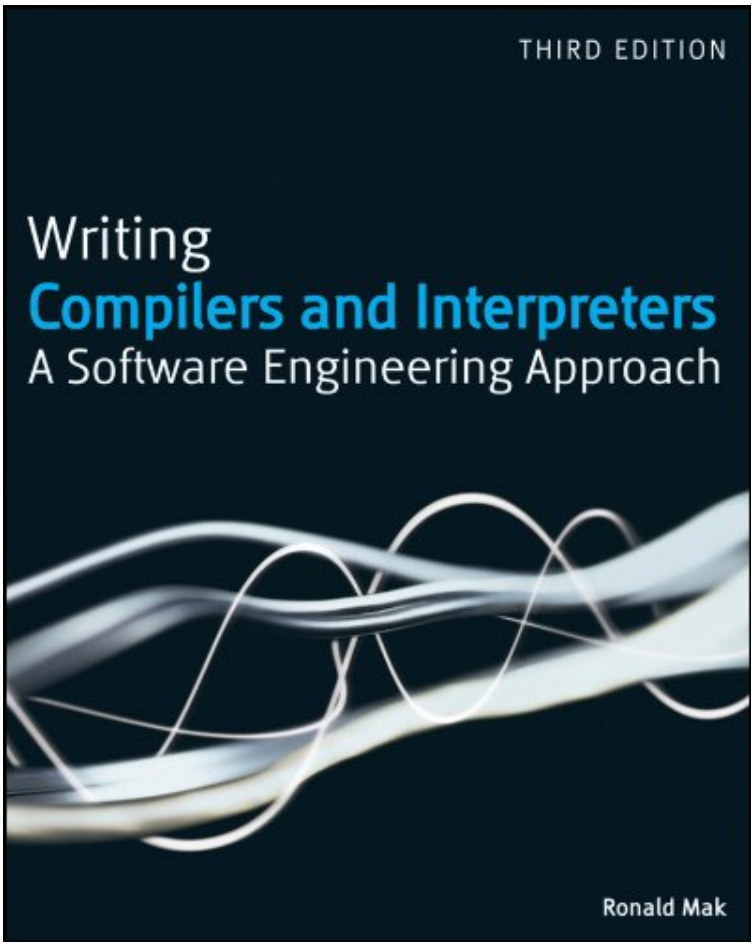

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Von Ronald Mak : Writing Compilers and Interpreters: A Software Engineering Approach before purchasing it in order to gage whether or not it would be worth my time, and all praised Writing Compilers and Interpreters: A Software Engineering Approach:

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. A great book for someone who already knows about compiler and interpreter design/implementationVon Brian JgerThis book is really nice to have as a reference. It shows an object-oriented approach for writing compilers and interpreters. I had learnt some basics about compilers and interpreters and their internal design before Ive bought this book. Ive always started in a procedural programming style and later tried to pour the code into classes and/or modules depending on the language I was using.This was the first time that Ive really considered a more modern approach and this book has showed me in great detail how that could look like. I had no problem to follow the book with the help of its UML and

Syntax Diagrams.It is also a good (but time consuming) idea to implement the compiler/interpreter while reading the book. In that way you learn a lot about pitfalls, possible spots for bugs, and why which design decision has been made.I think this book expects some basic knowledge if you want to start right away. There is also an awful lot of code in there. You will hardly find a page without code and listings but thats the kind of details that let you peek behind the scene.

KurzbeschreibungLong-awaited revision to a unique guide that covers both compilers and interpreters Revised, updated, and now focusing on Java instead of C++, this long-awaited, latest edition of this popular book teaches programmers and software engineering students how to write compilers and interpreters using Java. You?ll write compilers and interpreters as case studies, generating general assembly code for a Java Virtual Machine that takes advantage of the Java Collections Framework to shorten and simplify the code. In addition, coverage includes Java Collections Framework, UML modeling, object-oriented programming with design patterns, working with XML intermediate code, and more.KurzbeschreibungLong-awaited revision to a unique guide that covers both compilers and interpreters Revised, updated, and now focusing on Java instead of C++, this long-awaited, latest edition of this popular book teaches programmers and software engineering students how to write compilers and interpreters using Java. You?ll write compilers and interpreters as case studies, generating general assembly code for a Java Virtual Machine that takes advantage of the Java Collections Framework to shorten and simplify the code. In addition, coverage includes Java Collections Framework, UML modeling, object-oriented programming with design patterns, working with XML intermediate code, and more.Synopsis This third edition emphasizes modern software engineering practices in writing compilers and interpreters. Although its primary goal remains teaching these skills, the book can also be viewed as a modern software engineering book that uses writing compilers and interpreters as case studies. This edition keeps the same basic chapter organization as the second edition. The major changes includes new coverage of the Java Collections Framework and the Java Virtual Machine, UML, object-oriented programming, and XML and XML transformation tools. This is the definitive, up-to-date resource for IT professionals.