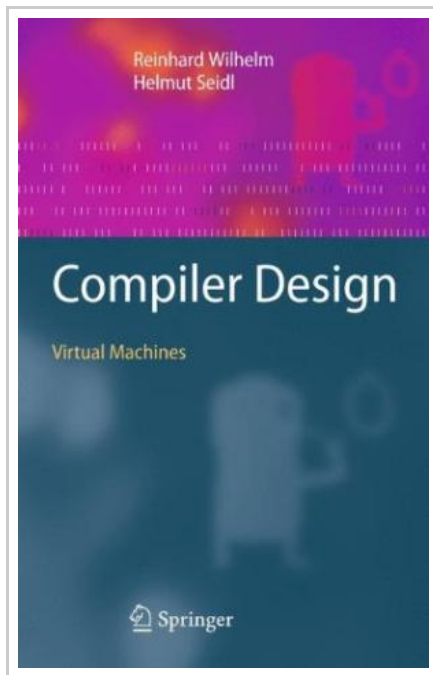



[DOWNLOAD](#)


Compiler Design: Virtual Machines

By Reinhard;Seidl Wilhelm

Springer, 2010. Gebundene Ausgabe. Book Condition: Neu. Neu Neuware; original eingeschweisst; Rechnung mit MwSt.; new item, still sealed; - While compilers for high-level programming languages are large complex software systems, they have particular characteristics that differentiate them from other software systems. Their functionality is almost completely well-defined - ideally there exist complete precise descriptions of the source and target languages, while additional descriptions of the interfaces to the operating system, programming system and programming environment, and to other compilers and libraries are often available. The implementation of application systems directly in machine language is both difficult and error-prone, leading to programs that become obsolete as quickly as the computers for which they were developed. With the development of higher-level machine-independent programming languages came the need to offer compilers that were able to translate programs into machine language. Given this basic challenge, the different subtasks of compilation have been the subject of intensive research since the 1950s. This book is not intended to be a cookbook for compilers, instead the authors' presentation reflects the special characteristics of compiler design, especially the existence of precise specifications of the subtasks. They invest effort to understand these precisely and to provide adequate concepts for...



READ ONLINE
[4.17 MB]

Reviews

This book may be really worth a read through, and a lot better than other. It is really basic but excitement inside the 50 % in the pdf. I realized this pdf from my dad and i encouraged this publication to learn.

-- **Curtis Bartell**

The book is straightforward in study better to comprehend. It is really simplistic but unexpected situations in the fifty percent of the ebook. Its been written in an exceptionally simple way which is simply after i finished reading through this ebook in which basically altered me, affect the way i really believe.

-- **Letha Corwin**