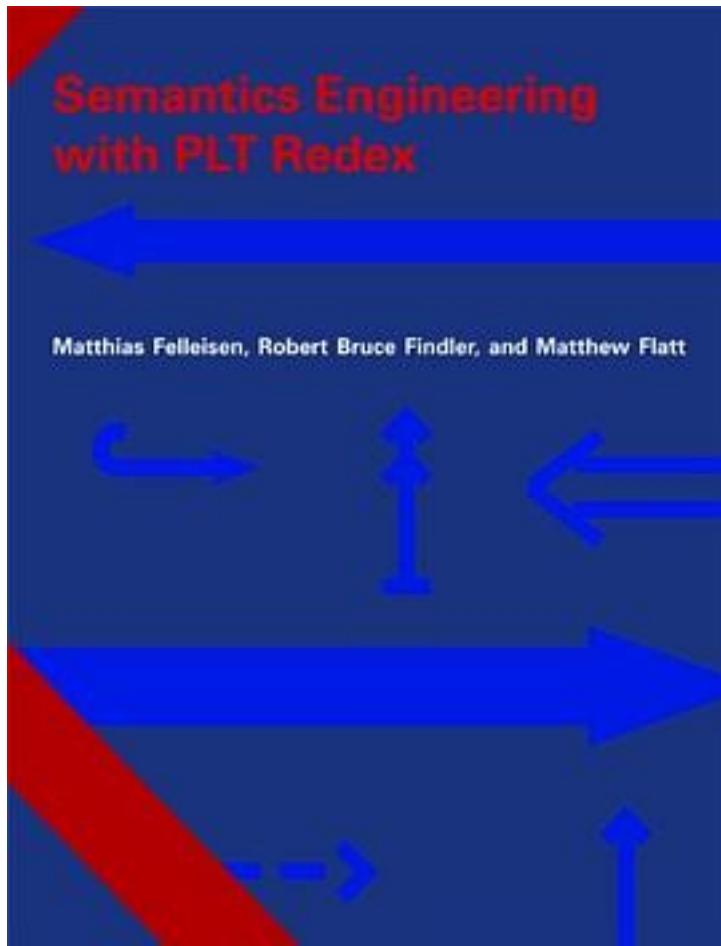


Semantics Engineering with PLT Redex



[Semantics Engineering with PLT Redex 下载链接1](#)

著者:Matthias Felleisen

出版者:The MIT Press

出版时间:2009-08

装帧:Hardcover

isbn:9780262062756

This text is the first comprehensive presentation of reduction semantics in one volume; it also introduces the first reliable and easy-to-use tool set for such forms of semantics. Software engineers have long known that automatic tool support is critical for rapid

prototyping and modeling, and this book is addressed to the working semantics engineer (graduate student or professional language designer). The book comes with a prototyping tool suite to develop, explore, test, debug, and publish semantic models of programming languages. With PLT Redex, semanticists can formulate models as grammars and reduction models on their computers with the ease of paper and pencil. The text first presents a framework for the formulation of language models, focusing on equational calculi and abstract machines, then introduces PLT Redex, a suite of software tools for expressing these models as PLT Redex models. Finally, experts describe a range of models formulated in Redex. PLT Redex comes with the PLT Scheme implementation, available free at <http://www.plt-scheme.org/>. Readers can download the software and experiment with Redex as they work their way through the book.

作者介绍:

目录:

[Semantics Engineering with PLT Redex_ 下载链接1](#)

标签

程序设计语言

计算机科学

PLT

编程语言理论

类型系统

函数式语言

Programming

FP

评论

Do not try it unless you are already an advanced enthusiast in this field

textbook

[Semantics Engineering with PLT Redex_下载链接1](#)

书评

[Semantics Engineering with PLT Redex_下载链接1](#)