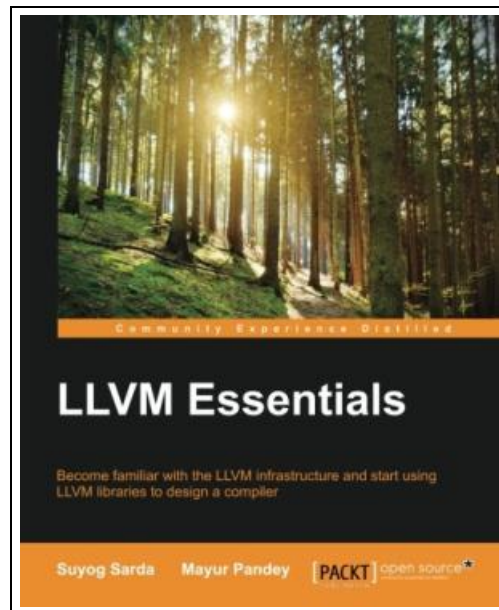


LLVM Essentials (Paperback)



Filesize: 1.4 MB

Reviews

Comprehensive information for publication enthusiasts. I could possibly comprehend every little thing using this composed e pdf. You can expect to like the way the article writer create this pdf.

(Abby Kozey IV)

LLVM ESSENTIALS (PAPERBACK)



To get **LLVM Essentials (Paperback)** eBook, you should follow the web link listed below and download the ebook or have access to other information which are highly relevant to LLVM ESSENTIALS (PAPERBACK) ebook.

Packt Publishing Limited, United Kingdom, 2015. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.Become familiar with the LLVM infrastructure and start using LLVM libraries to design a compiler About This Book * Learn to use the LLVM libraries to emit intermediate representation (IR) from high-level language * Build your own optimization pass for better code generation * Understand AST generation and use it in a meaningful way Who This Book Is For This book is intended for those who already know some of the concepts of compilers and want to quickly get familiar with the LLVM infrastructure and the rich set of libraries that it provides. What You Will Learn * Get an introduction to LLVM modular design and LLVM tools * Convert frontend code to LLVM IR * Implement advanced LLVM IR paradigms * Understand the LLVM IR Optimization Pass Manager infrastructure and write an optimization pass * Absorb LLVM IR transformations * Understand the steps involved in converting LLVM IR to Selection DAG * Implement a custom target using the LLVM infrastructure * Get a grasp of C s frontend clang, an AST dump, and static analysis In Detail LLVM is currently the point of interest for many firms, and has a very active open source community. It provides us with a compiler infrastructure that can be used to write a compiler for a language. It provides us with a set of reusable libraries that can be used to optimize code, and a target-independent code generator to generate code for different backends. It also provides us with a lot of other utility tools that can be easily integrated into compiler projects. This book details how you can use the LLVM compiler infrastructure libraries effectively, and will enable you to design your own...



[Read LLVM Essentials \(Paperback\) Online](#)



[Download PDF LLVM Essentials \(Paperback\)](#)

See Also



[PDF] Book Finds: How to Find, Buy, and Sell Used and Rare Books (Revised)

Click the link below to download and read "Book Finds: How to Find, Buy, and Sell Used and Rare Books (Revised)" PDF file.

[Download Document »](#)



[PDF] Speak Up and Get Along!: Learn the Mighty Might, Thought Chop, and More Tools to Make Friends, Stop Teasing, and Feel Good about Yourself

Click the link below to download and read "Speak Up and Get Along!: Learn the Mighty Might, Thought Chop, and More Tools to Make Friends, Stop Teasing, and Feel Good about Yourself" PDF file.

[Download Document »](#)



[PDF] Klara the Cow Who Knows How to Bow (Fun Rhyming Picture Book/Bedtime Story with Farm Animals about Friendships, Being Special and Loved. Ages 2-8) (Friendship Series Book 1)

Click the link below to download and read "Klara the Cow Who Knows How to Bow (Fun Rhyming Picture Book/Bedtime Story with Farm Animals about Friendships, Being Special and Loved. Ages 2-8) (Friendship Series Book 1)" PDF file.

[Download Document »](#)



[PDF] The Wolf Who Wanted to Change His Color My Little Picture Book

Click the link below to download and read "The Wolf Who Wanted to Change His Color My Little Picture Book" PDF file.

[Download Document »](#)



[PDF] Dog on It! - Everything You Need to Know about Life Is Right There at Your Feet

Click the link below to download and read "Dog on It! - Everything You Need to Know about Life Is Right There at Your Feet" PDF file.

[Download Document »](#)



[PDF] Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Click the link below to download and read "Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade" PDF file.

[Download Document »](#)