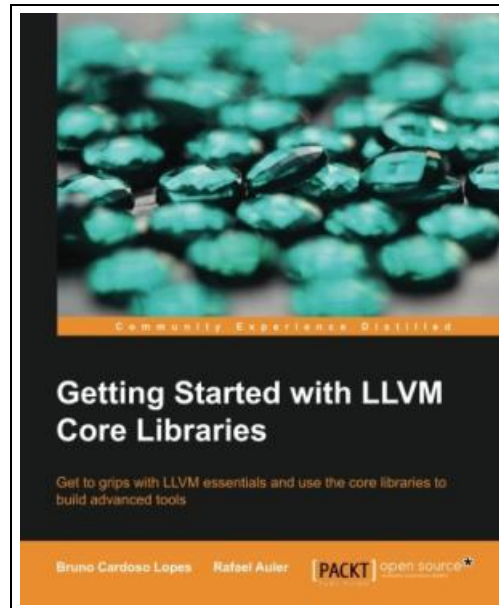


## Getting Started with LLVM Core Libraries



Filesize: 3.39 MB



### **Reviews**

*This ebook can be worth a read, and superior to other. Yes, it is actually perform, nonetheless an amazing and interesting literature. Your daily life period will probably be convert as soon as you comprehensive reading this article ebook.*  
*(Elisha O'Conner II)*

## GETTING STARTED WITH LLVM CORE LIBRARIES



Packt Publishing. Paperback. Condition: New. 314 pages. Dimensions: 9.2in. x 7.5in. x 0.7in. Get to grips with LLVM essentials and use the core libraries to build advanced tools. About This Book Learn how to configure, build, and use LLVM and Clang based tools. Explore the depths of the LLVM front-end, IR, code generator, and libraries, and learn how a modern compiler is implemented in a practical way. Customize your project to benefit from Just in Time compilation (JIT), static analysis and source-to-source transformations. Who This Book Is For This book is intended for enthusiasts, computer science students, and compiler engineers interested in learning about the LLVM framework. You need a background in C and, although not mandatory, should know at least some compiler theory. Whether you are a newcomer or a compiler expert, this book provides a practical introduction to LLVM and avoids complex scenarios. If you are interested enough and excited about this technology, then this book is definitely for you. In Detail LLVM is a bleeding edge compiler technology framework. Easily extendable and designed as a multitude of libraries, LLVM provides a smooth experience for compiler newcomers and reduces the steep learning curve often associated with compiler development. To start, this book will show you how to configure, build, and install LLVM libraries, tools, and external projects. Next, you will be introduced to LLVM design and how it works in practice throughout each LLVM compiler stage: frontend, IR, backend, the JIT engine, cross-compilation capabilities, and the plugin interface. With multiple hands-on examples and source code snippets, Getting Started with LLVM Core Libraries ensures a solid and smooth first step into the LLVM compiler development environment. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.

-  [Read Getting Started with LLVM Core Libraries Online](#)
-  [Download PDF Getting Started with LLVM Core Libraries](#)

## See Also



**Bully, the Bullied, and the Not-So Innocent Bystander: From Preschool to High School and Beyond: Breaking the Cycle of Violence and Creating More Deeply Caring Communities**

HarperCollins Publishers Inc, United States, 2016. Paperback. Book Condition: New. Reprint. 203 x 135 mm. Language: English . Brand New Book. An international bestseller, Barbara Coloroso s groundbreaking and trusted guide on bullying-including cyberbullying-arms parents...

[Read Document >](#)



**Read Write Inc. Phonics: Grey Set 7 Non-Fiction 2 a Flight to New York**

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 213 x 98 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books...

[Read Document >](#)



**Goodparents.com: What Every Good Parent Should Know About the Internet (Hardback)**

Prometheus Books, United States, 2000. Hardback. Book Condition: New. 226 x 152 mm. Language: English . Brand New Book. The Internet may now be the most powerful, single source of information in the world, and...

[Read Document >](#)



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

Book Condition: Brand New. Book Condition: Brand New.

[Read Document >](#)



**Games with Books : Twenty-Eight of the Best Childrens Books and How to Use Them to Help Your Child Learn - from Preschool to Third Grade**

Book Condition: Brand New. Book Condition: Brand New.

[Read Document >](#)