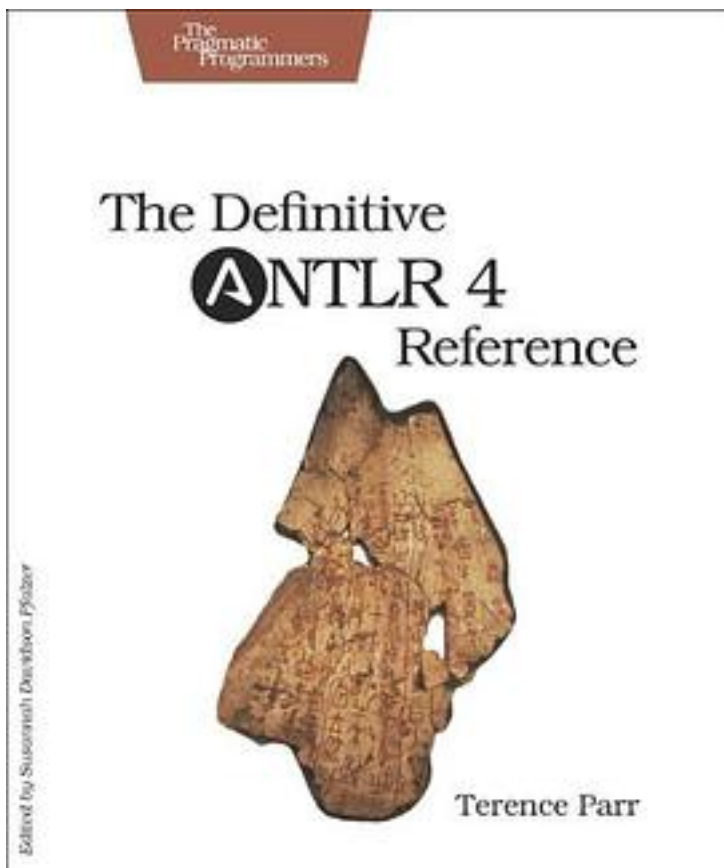


The Definitive ANTLR 4 Reference



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Programmers run into parsing problems all the time. Whether it's a data format like JSON, a network protocol like SMTP, a server configuration file for Apache, a PostScript/PDF file, or a simple spreadsheet macro language--ANTLR v4 and this book will demystify the process. ANTLR v4 has been rewritten from scratch to make it easier than ever to build parsers and the language applications built on top. This completely

rewritten new edition of the bestselling Definitive ANTLR Reference shows you how to take advantage of these new features. Build your own languages with ANTLR v4, using ANTLR's new advanced parsing technology. In this book, you'll learn how ANTLR automatically builds a data structure representing the input (parse tree) and generates code that can walk the tree (visitor). You can use that combination to implement data readers, language interpreters, and translators. You'll start by learning how to identify grammar patterns in language reference manuals and then slowly start building increasingly complex grammars. Next, you'll build applications based upon those grammars by walking the automatically generated parse trees. Then you'll tackle some nasty language problems by parsing files containing more than one language (such as XML, Java, and Javadoc). You'll also see how to take absolute control over parsing by embedding Java actions into the grammar. You'll learn directly from well-known parsing expert Terence Parr, the ANTLR creator and project lead. You'll master ANTLR grammar construction and learn how to build language tools using the built-in parse tree visitor mechanism. The book teaches using real-world examples and shows you how to use ANTLR to build such things as a data file reader, a JSON to XML translator, an R parser, and a Java class->interface extractor. This book is your ticket to becoming a parsing guru! What You Need: ANTLR 4.0 and above. Java development tools. Ant build system optional (needed for building ANTLR from source)

作者介绍:

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标签

ANTLR

编译原理

编译器

程序设计

编程

计算机

Programming

编程语言

评论

草草看完，写的还真详细，antlr的东西好像蛮少的

简单易懂，快速入手直接看第五章，译文传送门http://blog.csdn.net/xiyue_ruoxi/article/details/38687213，包含了大量基础概念，能绕过不少坑

吓得窝赶紧学java

作为工具已经强大得可以了，用它自己动手做了一个小工具，要真正用起来还是需要一些时间实践学习

很详细啊

最近有一个task 需要用这本儿书 临时拿来看看 发现自己编译原理学的真是渣……
都还给老师了 拿着本儿书补一补

antlr基本入门手册，但是LL*的原理估计得另外找找地方看

大概花了一天把这本书翻完了，作者就是ANTLR的Creator。这不是一本讲编译原理或者PL的书。正如其名，是关于ANTLR用法的书。结合实际例子，讲解了如何用ANTLR去parse一些常见的pattern/lanugage structure。

略过了参考部分，大部分内容读了一遍，书上例子做了遍。

入门、手册

看完《编程语言实现模式》的大部分去实战，发现「树文法」和内置的对 AST 的实现在 ANTLR 4 里已经没有了。于是来看了本书的相关部分。

讲得很详细。

简单易懂 很科学的学习曲线 适合用来实现DSL

打开脑洞，助我实现了iotscript!

非高级部分看了，虽然看过也用过，但一遍感觉是不够的。

ANTLR还是比较全面地讲了一遍吧

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书评

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