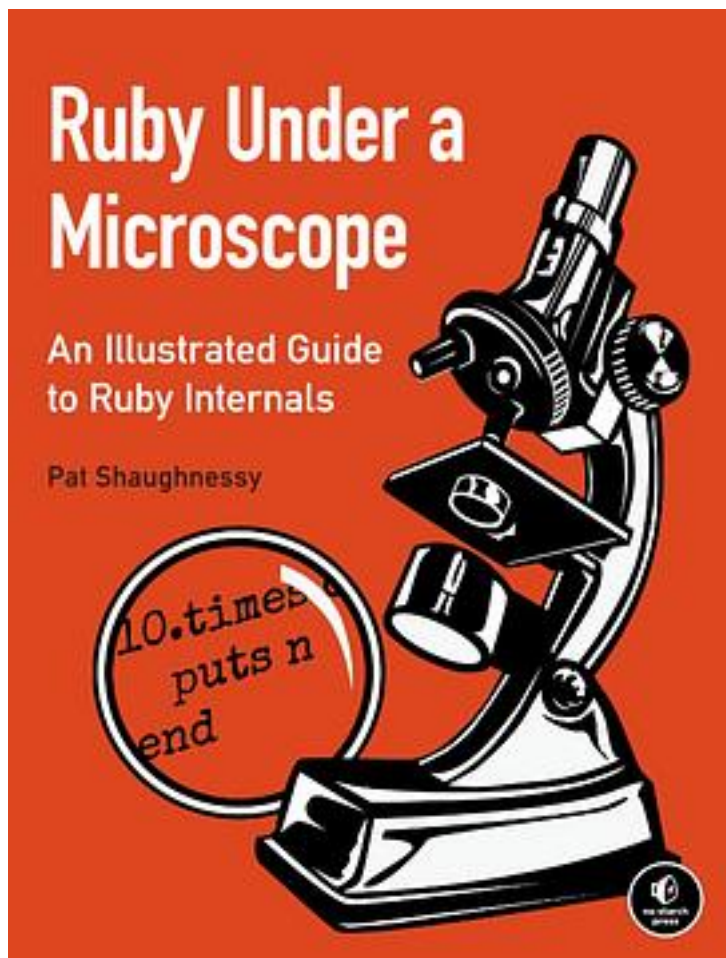


Ruby Under a Microscope



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著者:Pat Shaughnessy

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How Ruby Works Under the Hood

Ruby is a powerful programming language with a focus on simplicity, but beneath its

elegant syntax it performs countless unseen tasks.

Ruby Under a Microscope gives you a hands-on look at Ruby's core, using extensive diagrams and thorough explanations to show you how Ruby is implemented (no C skills required). Author Pat Shaughnessy takes a scientific approach, laying out a series of experiments with Ruby code to take you behind the scenes of how programming languages work. You'll even find information on JRuby and Rubinius (two alternative implementations of Ruby), as well as in-depth explorations of Ruby's garbage collection algorithm.

Ruby Under a Microscope will teach you:

How a few computer science concepts underpin Ruby's complex implementation

How Ruby executes your code using a virtual machine

How classes and modules are the same inside Ruby

How Ruby employs algorithms originally developed for Lisp

How Ruby uses grammar rules to parse and understand your code

How your Ruby code is translated into a different language by a compiler

No programming language needs to be a black box. Whether you're already intrigued by language implementation or just want to dig deeper into Ruby, you'll find Ruby Under a Microscope a fascinating way to become a better programmer.

Covers Ruby 2.x, 1.9 and 1.8

作者介绍:

Well known for his coding expertise and passion for the Ruby programming language, Pat Shaughnessy blogs and writes tutorials at patshaughnessy.net. He also develops Ruby applications at management consulting firm McKinsey & Co. Shaughnessy is a regular presenter on the Ruby conference circuit, and his articles and presentations have been featured in the Ruby Weekly newsletter, the Ruby5 podcast, and The Ruby Show.

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标签

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评论

又学了一些平时不用的好玩的知识 并不是很全面 也没有太深入讨论
不过因为这样刚好适合我这个没写Ruby的人 有些地方再具体讲一下的话
其实可以当成面向有经验程序员的Ruby教程

这本书不光读了解Ruby有用,对了解语言虚拟机也很有帮助

非常清晰地介绍了ruby内部一些重要东西的实现，推荐所有的ruby程序员看一看。

#脑残粉是怎么炼成的# 整体还是很不错的，后面讲closure的时候略有点不清楚。

这书真有意思！就喜欢这种挖掘内部机制的书了，但又图文并茂不枯燥！

读完了斧头书、ruby元编程，再读这本，有种豁然开朗的感觉。

看中文的就当读了

过了一定时期后对这个就不是太感兴趣了

深入浅出

知其然，知其所以然。

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书评

书中epub版P335，Note的一句话说的比较困扰：Ruby implements extend in exactly the same way, except the included class becomes the superclass of the target class's class, or metaclass. Thus, extend allows you to add class methods to a class.”

后来经过和作...

一本不读会后悔的书。内容非常精彩，把Ruby底层实现的脉络讲解的非常清晰。假如你看不懂Ruby的C源码，那么你应该读这本书，假如你能看懂C源码，那么你应该读一下这本书。我有点后悔到现在才读这本书了。推荐大家阅读。

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