<<Ruby 最佳实践>>

图书基本信息

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前言

In 1993, when Ruby was born, Ruby had nothing. No user base except for me and a few close friends. No tradition. No idioms except for a few inherited from Perl, though I regretted most of them afterward. But the language forms the community. The community nourishes the culture. In the last decade, users increased——hundreds of thousands of programmers fell in love with Ruby. They put great effort into the language and its community. Projects were born. Idioms tailored for Ruby were invented and introduced. Ruby was influenced by Lisp and other functional programming languages. Ruby formed relationships between technologies and methodologies such as test-driven development and duck typing. This book introduces a map of best practices of the language as of 2009. I've known Greg Brown for years, and he is an experienced Rub)/developer who has contributed a lot of projects to the language, such as Ruport and Prawn. I am glad he compiled his knowledge into this book.

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内容概要

你能够编写真正优雅的Ruby代码吗？
《Ruby最佳实践》正是为想要像专家那样使用Ruby的程序员所准备的。
《Ruby 最佳实践(影印版)》由Ruby项目Prawn的开发者所著，简洁地向你阐释如何使用Ruby编写优美的应用程序接口和领域特定语言。
此外，还包括如何应用函数式编程的思想和技术，使代码更简洁，使你更有效率。
通过《Ruby 最佳实践(影印版)》，你将会学到如何编写可读性更高，表达能力更强的代码，以及许多其他方面的内容。
《Ruby最佳实践》将会帮助你：* 理解Ruby代码块所蕴含的神秘力量* 学习如何在不破坏原有Ruby代码的情况下进行调整，例如运行时在模块内糅合* 探究测试与调试中的细节，以及如何从易测性出发进行设计* 学习通过让事情保持简单来编写快速代码* 用于文本处理和文件管理的开发策略，包括正则表达式* 理解为什么会发生错误以及错误是如何发生的* 利用Ruby的多语言特性减少文化障碍《Ruby最佳实践(影印版)》还包含多个章节对测试代码、设计应用程序接口以及项目维护做了全面介绍。
《Ruby最佳实践》将陪伴你学习如何将这门丰富、优美的语言发挥到极致。

作者简介

Gregory T. Brown是康涅狄格州纽黑文市的一位Ruby爱好者，他的大多数时间都花在了与Ruby语言相关的自由软件项目上。
他是Ruport的原作者，并且是Prawn的作者，该Ruby库被用来生成PDF文档。

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书籍目录

章节摘录

插图：Rake is a very powerful tool that deserves its own chapter or even its own cookbook.There are a ton of useful recipes out there in the wild, so be sure to make the Rakefileone of your first stops in any new codebase you need to review. Understanding andusing Rake effectively is key to successfully managing any moderately complex Rubyproject, so be sure not to overlook its significance and practical utility.If you want to make the most out of this tool, there are just a few things to keep in mind:Rake provides custom tasks for common needs such as generating RDoc, runningunit tests and packaging up a project for distribution. Because these tasks are highlyconfigurable, it is better to use them than to reinvent the wheel.Any other repetitive action that is necessary for maintaining your project can bewrapped in a task to simplify things. Typically, any lengthy command that needsto be run in the shell is fair game for this sort of simplification.Any task that has a preceding desc （） call will be listed with a meaningful messagein the rake ——tasks output for your project.Rake's ability to define prerequisite tasks allows you to build dependency-basedworkflows that allow you to model multiple-step tasks as needed.Namespaces can be used to segment off tasks into their own subspaces, minimizingthe risk of naming clashes.I've tried to stick mainly to the easily overlooked aspects of Rake here, but there is awhole lot that we could have covered and didn't. Be sure to consult the Rake docu-mentation if you're interested in finding out more.Depending on what you were looking for, this chapter may have been a bit differentfrom what you were expecting based on the title. However, what you will find is thatthe things we've discussed here will really take you far when it comes to improving themaintainability of your projects. Though far from glamorous, things like good docu-mentation, well-organized folders and files, and a way to automate as much of the gruntwork as possible does a whole lot for your projects.Poorly maintained projects can be a huge drain on developer productivity and morale,yet nicely curated code can be downright enjoyable to work with, even if you're brand-new to a project. The tools and techniques we've discussed so far aren't going to makemaintenance completely painless, but will still provide a solid foundation to work offof that will grow over time.

媒体关注与评论

“这是一本极为务实的著作，各层次的开发人员都能从中借鉴。”
——Brad Ediger，Madriska Media Group的领袖开发者，同时也是《Advanced Rails》（O'Reilly）的作者“终于有这样一本书问世了，它不仅教我如何使用Ruby，更教会我如何正确地使用它。每位Ruby爱好者的书架上都该摆上一本《Ruby最佳实践》。”
——Jeremy McAnally，ENTP开发者，同时还是《Ruby in Practice》（Manning）一书的作者“我敢打赌，通过阅读这本书，你一定学到了可以提高Ruby编程能力的新技巧。”
——James Edward Gray II，代码忍者及Ruby 1.9 的CSV标准库的作者

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