<<更快速网站>>

图书基本信息

书名：<<更快速网站>>

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前言

Vigilant: alertly watchful, especially to avoid dangerAnyone browsing this book——or its predecessor, High Performance Web Sites——under-stands the dangers of a slow web site: frustrated users, negative brand perception,increased operating expenses, and loss of revenue. We have to constantly work to makeour web sites faster. As we make progress, we also lose ground. We have to be alert forthe impact of each bug fix, new feature, and system upgrade on our web site's speed.We have to be watchful, or the performance improvements made today can easily belost tomorrow. We have to be vigilant.Vigil: watch kept on a festival eveAccording to the Latin root of vigil, our watch ends with celebration. Web sites canindeed be faster——dramatically so——and we can celebrate the outcome of our care andattention. It's true！

Making web sites faster is attainable. Some of the world's mostpopular web sites have reduced their load times by 60% using the techniques describedin this book. Smaller web properties benefit as well. Ultimately, users benefit.Vigilante: a self-appointed doer of justiceIt's up to us as developers to guard our users' interests. At your site, evangelize performance. Implement these techniques. Share this book with a coworker. Fight for afaster user experience. If your company doesn't have someone focused on performance,appoint yourself to that role. Performance vigilante——I like the sound of that.

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内容概要

《更快速网站(影印版)》内容简介：对于任何成功的网站来说，性能是至关重要的。
但伴随着不断增长的丰富内容和Ajax的过度使用，如今的Web应用已经将浏览器推至性能极限。
在《更快速网站(影印版)》中，Google的Web性能专家和前任雅虎首席网站性能官Steve Souders提供了宝贵的技术，来帮助你优化网站性能。
作者的上一《更快速网站(影印版)》是非常畅销的《High Performance Web Sites》，它透露了80%的网页加载时间是花在客户端，使网络开发世界为之震惊。
在《更快速网站(影印版)》中，Souders和8位专家撰稿人提供了最佳实践和实用建议，用于在三个范畴提高网站的性能：JavaScript——获取用于了解Ajax性能的建议，编写有效的JavaScript，创建响应程序，加载脚本时不阻止其他组件等等。
Network——学习穿过多个域共享资源，减小图片尺寸而不损失质量，以及使用分块编码（chunked encoding）来更快呈现页面。
Browser——探索内嵌框架（iframe）的替代方案、如何简化CSS选择器和其他技术。
对于当今的富媒体网站和Web 2.0应用来说，速度是至关重要的。
有了这《更快速网站(影印版)》，你将学习到如何减少你的网站的加载时间，让它们响应得更快。

作者简介

Steve Souders，在Google从事网络性能和开放源码计划方面的工作。
他是YSlow（Firebug性能分析扩展）的创造者，并且担任Velocity（0’Reilly的网络性能和业务运营会议）的联合主席。
Steve经常在会议上或者高级别公司中发言，包括微软、亚马逊、MySpace、Linkedln、Facebook。

书籍目录

章节摘录

插图：Refactoring the code can reduce its apparent complexity, making optimization andother transformations more likely to yield benefits. For example, adopting the YSlowrules can have a huge impact on the delivery time of web pages （see http://developer. yahoo.com/yslow/）.Even so, it is difficult for web applications to get under the Inefficiency line because ofthe size and complexity of web pages. Web pages are big, heavy, multipart things. Pagereplacement comes with a significant cost. For applications where the differencebetween successive pages is relatively small, use of Ajax techniques can produce a significant improvement.Instead of requesting a replacement page as a result of a user action, a packet of datais sent to the server （usually encoded asJSON text） and the server responds with anotherpacket （also typically JSON-encoded） containing data. A JavaScript program uses thatdata to update the browser's display. The amount of data transferred is significantly.reduced, and the time between the user action and the visible feedback isalso significantly reduced. The amount of work that the server must do is reduced.The amount of work that the browser must do is reduced. The amount of work thatthe Ajax programmer must do, unfortunately, is likely to increase. That is one of thetrade-offs.The architecture of an Ajax application is significantly different from most other sortsof applications because it is divided between two systems. Getting the division of laborright is essential if the Ajax approach is to have a positive impact on performance. Thepackets should be as small as possible. The application should be constructed as aconversation between the browser and the server, in which the two halves communicatein a concise, expressive, shared language. Just-in-time data delivery allows the browserside of the application to keep n small, which tends to keep the loops fast.A common mistake in Ajax applications is to send all of the application's data to thebrowser. This reintroduces the latency problems that Ajax is supposed to avoid. It alsoenlarges the volume of data that must be handled in the browser, increasing n and againcompromising performance.

媒体关注与评论

“ 本书拥有最近最新的专业知识，能使你的网站飞速运行。
我喜欢这本书的编排，有许多主题，每一个都被该领域最受人尊敬的权威人士所探究。
我的团队中的每个人都将拥有一本。
” ——Bill Scott，Netflix公司UI上程总监

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