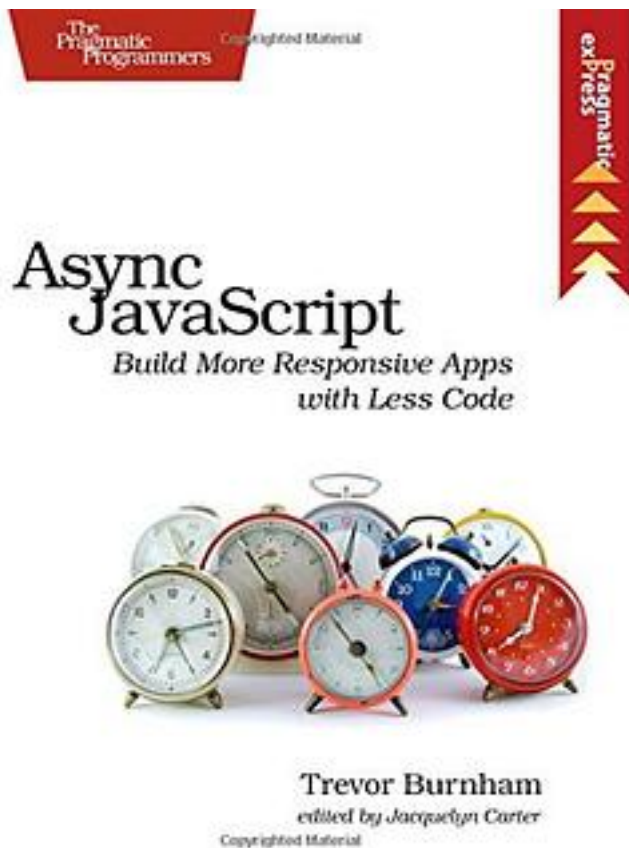


Async JavaScript



[Async JavaScript_下载链接1_](#)

著者:Trevor Burnham

出版者:Pragmatic Bookshelf

出版时间:2012-12-8

装帧:Paperback

isbn:9781937785277

With Async JavaScript, you’ ll develop a deeper understanding of the JavaScript language. You’ ll start with a ground-up primer on the JavaScript event model—key to avoiding many of the most common mistakes JavaScripters make. From there you’ ll see tools and design patterns for turning that conceptual understanding into practical code.

The concepts in the book are illustrated with runnable examples drawn from both the browser and the Node.js server framework, incorporating complementary libraries including jQuery, Backbone.js, and Async.js. You'll learn how to create dynamic web pages and highly concurrent servers by mastering the art of distributing events to where they need to be handled, rather than nesting callbacks within callbacks within callbacks.

Async JavaScript will get you up and running with real web development quickly. By the time you've finished the Promises chapter, you'll be parallelizing Ajax requests or running animations in sequence. By the end of the book, you'll even know how to leverage Web Workers and AMD for JavaScript applications with cutting-edge performance. Most importantly, you'll have the knowledge you need to write async code with confidence.

What You Need:

Basic knowledge of JavaScript is recommended. If you feel that you're not up to speed, see the "Resources for Learning JavaScript" section in the preface.

作者介绍:

Trevor Burnham is a JavaScript developer for HubSpot in Cambridge, MA. He speaks at conferences including RailsConf, Øredev, and FluentConf. His first book, *CoffeeScript: Accelerated JavaScript Development*, was published by Pragmatic Bookshelf. You can follow him on Twitter at @TrevorBurnham.

目录: Contents and Extracts

Acknowledgments

Introduction

Trouble in Paradise

Who Is This Book For?

Resources for Learning JavaScript

Where to Turn for Help?

Running the Code Examples

Code Style in This Book

A Word on altJS

Resources for This Book

Understanding JavaScript Events

Scheduling Events

Types of Async Functions

Writing Async Functions

Handling Async Errors

Un-nesting Callbacks

What We've Learned

Distributing Events

PubSub

Evented Models

Custom jQuery Events

What We've Learned

Promises and Deferreds excerpt

A Very Brief History of Promises

Making Promises

Passing Data to Callbacks
Progress Notifications
Combining Promises
Binding to the Future with pipe
jQuery vs. Promises/A
Replacing Callbacks with Promises
What We've Learned
Flow Control with Async.js
The Async Ordering Problem
Async Collection Methods
Organizing Tasks with Async.js
Dynamic Async Queuing
Minimalist Flow Control with Step
What We've Learned
Multithreading with Workers excerpt
Web Workers
Node Workers with cluster
What We've Learned
Async Script Loading
Limitations and Caveats
Reintroducing the <script> Tag
Programmatic Loading
What We've Learned
Tools for Taming JavaScript
TameJS
StratifiedJS
Kaffeine
Streamline.js
Node-Fibers
The Future of JavaScript: Generators
• • • • • ([收起](#))

[Async JavaScript_下载链接1](#)

标签

编程

计算机

async

Web开发

Frontend

计算机科学

原版/影印

nodejs

评论

凑合吧。

前面写得好。

现代JS编程指南。

蛮失望的，只是介绍了怎么用某些库来实现异步。起这么牛气的标题我还以为是要手动搞个实现呢。

真正懂的人会用轻松的口吻告诉你这很简单，因为他真的可以说出这究竟是个啥。读完此书，想起一句话，因为专注、所以专业。

读篇论文里面各种 callback 不得不让我联想到 js

[Async JavaScript 下载链接1](#)

书评

这书前半部分说的是js的事件 异步，后半部分说的是解决异步不爽的地方。
js的最大特点是不阻塞，所以所有事件的执行都是不确定的。听上去是很糟糕的事情，但是这样可以保持cpu忙碌，从这个角度来提高系统的性能。
事件其实就是个消息机制，有利于解耦。事件...

俺还是译者，俺还是自我评价下哈。
这本薄书定价稍贵，不过没有办法，版权和印数决定了单位成本比较高。想看的同学们只有忍了，不过作为参考资料的话，在手边置一本也算是物有所值吧。
从内容上看，这本书确实如内容推介所言，进阶式叙述从起源到前沿，基本上目前你关于JS异...

前端开发的话，接触异步可能比服务器端的node.js开发人员少。在node.js开发中，无尽的异步会把人搞的头都晕，所以了解异步处理机制和优化异步代码非常重要，特别推荐node.js开发人员看一下该书。

第1章介绍JS的异步函数 第2章介绍发布/订阅模式
第3章介绍jQuery的Promise，Deferred对象 第4章介绍Node的Promise，Async.js
第5章介绍了 web Worker 第6章说了

"编写 workflow 控制库确实是很好的练习，但没有必要为了看看轮子是怎么工作的就重新发明轮子。随着 JavaScript 生态系统的成熟，workflow 控制的概念会越来越普及，越来越标准化。暂时而言，如果你的应用需要 workflow 控制，那么最重要的是选择一个好的 workflow 控制库并掌握它。"
作者基本...

是我看过最薄的js书籍，但内容绝对都是干货。
是我看过最薄的js书籍，但内容绝对都是干货。
是我看过最薄的js书籍，但内容绝对都是干货。
是我看过最薄的js书籍，但内容绝对都是干货。
是我看过最薄的js书籍，但内容绝对都是干货。

最近图灵喜欢出一些很薄很小的书，本书就是其中一例。不过，这个书虽小，但是已经

将JavaScript异步编程方面讲了一遍。它可以解除你对JavaScript异步编程的一些误解，彻底了解它运行的机制，同时也给出了不少实际的解决方法。

“如果队列中至少有一个事件适合“触发”，则虚拟...

[Async JavaScript_ 下载链接1](#)