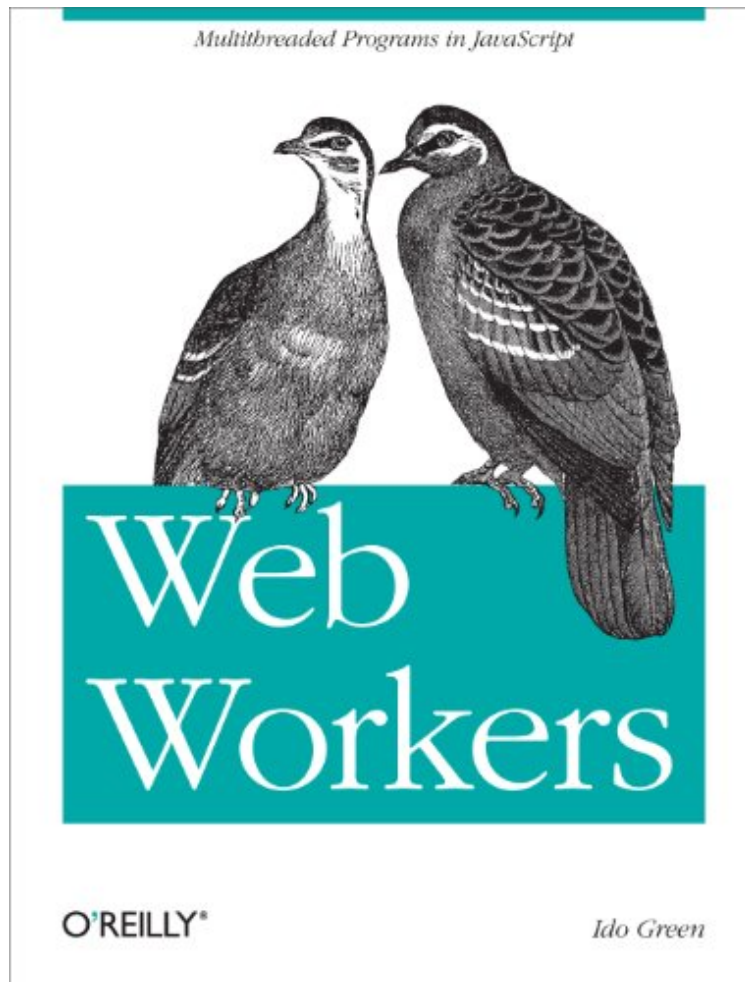


(Library ebook) Web Workers: Multithreaded Programs in JavaScript

Web Workers: Multithreaded Programs in JavaScript

Von Ido Green

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Von Ido Green : Web Workers: Multithreaded Programs in JavaScript before purchasing it in order to gage whether or not it would be worth my time, and all praised Web Workers: Multithreaded Programs in JavaScript:

KundenrezensionenHilfreichste Kundenrezensionen0 von 0 Kunden fanden die folgende Rezension hilfreich. Book for Beginners, Experts and very useful as referenceVon F. J. BrnnerI use this book as reference mainly but it is written in a way that it can be read from A to Z without jumping from back and forth.This book explains with the help of code-snippets how web-workers should be used and show very interesting examples like fetching twitter-tweets and showing them on a website.This book also explains the differences with dedicated-web-worker to shared-web-worker, how inline-web-worker are used and furthermore gives instructions about debugging a web-worker that is not that easily done because some browsers have not got access to a web-worker like Googles Chrome that comes up with a specially web-worker inspector.In this book web-worker are profoundly explained in detail and even explains of what

a web-worker really is and how it communicates with the main-thread under the hood. At the end there is even a chapter with nodejs and how web-workers can be used in this environment. Conclusion: A must-read for everyone that wants to develop apps that calculate a lot and so consumes a great deal of execution time and it's very recommendable to JavaScript-Developers in general.

Kurzbeschreibung Web apps would run much better if heavy calculations could be performed in the background, rather than compete with the user interface. With this book, you'll learn how to use Web Workers to run computationally intensive JavaScript code in a thread parallel to the UI. Yes, multi-threaded programming is complicated, but Web Workers provide a simple API that helps you be productive without the complex algorithms. If you have an intermediate to advanced understanding of JavaScript especially event handling and callbacks you're ready to tackle Web Workers with the tools in this example-driven guide. Start creating Web Workers and understand what they can and can't do. Determine which browser versions support the API. Use dedicated Web Workers for tasks that consume a lot of CPU, such as data parsing. Explore use cases for creating inline Workers, such as encapsulating a web app in one page. Create a shared Worker to communicate multiple web app instances to the server, and other uses. Learn best practices for debugging Web Workers. Apply Web Workers within the server-side Node environment.