Cross-Platform Desktop Applications: Using Node, Electron, and NW.js

By Paul B. Jensen

Download now

Read Online →

Cross-Platform Desktop Applications: Using Node, Electron, and NW.js By Paul B. Jensen

Summary

Cross-Platform Desktop Applications guides you step-by-step through creating Node.js desktop applications with NW.js and Electron from GitHub. Foreword by Cheng Zhao, creator of Electron.

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

About the Technology

Desktop application development has traditionally required high-level programming languages and specialized frameworks. With Electron and NW.js, you can apply your existing web dev skills to create desktop applications using only HTML, CSS, and JavaScript. And those applications will work across Windows, Mac, and Linux, radically reducing development and training time.

About the Book

Cross-Platform Desktop Applications guides you step by step through the development of desktop applications using Electron and NW.js. This example-filled guide shows you how to create your own file explorer, and then steps through some of the APIs provided by the frameworks to work with the camera, access the clipboard, make a game with keyboard controls, and build a Twitter desktop notification tool. You'll then learn how to test your applications, and debug and package them as binaries for various OSs.

What's Inside

- Create a selfie app with the desktop camera
- Learn how to test Electron apps with Devtron
- Learn how to use Node.js with your application

About the Reader

Written for developers familiar with HTML, CSS, and JavaScript.

About the Author

Paul Jensen works at Starcount and lives in London, UK.

Table of Contents

Cross-Platform Desktop Applications: Using Node, Electron, and NW.js

By Paul B. Jensen

Cross-Platform Desktop Applications: Using Node, Electron, and NW.js By Paul B. Jensen

Summary

Cross-Platform Desktop Applications guides you step-by-step through creating Node.js desktop applications with NW.js and Electron from GitHub. Foreword by Cheng Zhao, creator of Electron.

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

About the Technology

Desktop application development has traditionally required high-level programming languages and specialized frameworks. With Electron and NW.js, you can apply your existing web dev skills to create desktop applications using only HTML, CSS, and JavaScript. And those applications will work across Windows, Mac, and Linux, radically reducing development and training time.

About the Book

Cross-Platform Desktop Applications guides you step by step through the development of desktop applications using Electron and NW.js. This example-filled guide shows you how to create your own file explorer, and then steps through some of the APIs provided by the frameworks to work with the camera, access the clipboard, make a game with keyboard controls, and build a Twitter desktop notification tool. You'll then learn how to test your applications, and debug and package them as binaries for various OSs.

What's Inside

- Create a selfie app with the desktop camera
- Learn how to test Electron apps with Devtron
- Learn how to use Node.js with your application

About the Reader

Written for developers familiar with HTML, CSS, and JavaScript.

About the Author

Paul Jensen works at Starcount and lives in London, UK.

Table of Contents

3. Building your first desktop application
4. Shipping your first desktop applicationPART 2 - DIVING DEEPER
5. Using Node.js within NW.js and Electron
6. Exploring NW.js and Electron's internalsPART 3 - MASTERING NODE.JS DESKTOP APPLICATION DEVELOPMENT
7. Controlling how your desktop app is displayed
8. Creating tray applications
9. Creating application and context menus
10. Dragging and dropping files and crafting the UI
11. Using a webcam in your application
12. Storing app data
13. Copying and pasting contents from the clipboard
14. Binding on keyboard shortcuts
15. Making desktop notificationsPART 4 - GETTING READY TO RELEASE
16. Testing desktop apps
17. Improving app performance with debugging
18. Packaging the application for the wider world

Cross-Platform Desktop Applications: Using Node, Electron, and NW.js By Paul B. Jensen Bibliography

- Rank: #577110 in Books
- Published on: 2017-05-15
- Original language: English
- Dimensions: 9.30" h x .70" w x 7.40" l, .0 pounds
- Binding: Paperback
- 312 pages

⬇ **Download** Cross-Platform Desktop Applications: Using Node, E ...pdf

▤ **Read Online** Cross-Platform Desktop Applications: Using Node, ...pdf

Download and Read Free Online Cross-Platform Desktop Applications: Using Node, Electron, and NW.js By Paul B. Jensen

Editorial Review

About the Author

Paul Jensen is the founder of Anephenix, a Node.js consultancy. He is also the Lead Developer of the SocketStream web framework, and the creator of Dashku, a realtime dashboard solution.

Users Review

From reader reviews:

Joyce Morton:

Do you have favorite book? When you have, what is your favorite's book? Publication is very important thing for us to learn everything in the world. Each book has different aim or maybe goal; it means that guide has different type. Some people experience enjoy to spend their time and energy to read a book. These are reading whatever they consider because their hobby is definitely reading a book. How about the person who don't like reading through a book? Sometime, man or woman feel need book after they found difficult problem as well as exercise. Well, probably you will require this Cross-Platform Desktop Applications: Using Node, Electron, and NW.js.

Jeffrey Paolucci:

Are you kind of active person, only have 10 or perhaps 15 minute in your day time to upgrading your mind expertise or thinking skill even analytical thinking? Then you are receiving problem with the book than can satisfy your short period of time to read it because all this time you only find e-book that need more time to be read. Cross-Platform Desktop Applications: Using Node, Electron, and NW.js can be your answer as it can be read by you who have those short spare time problems.

Curtis Locke:

Is it anyone who having spare time and then spend it whole day simply by watching television programs or just lying down on the bed? Do you need something totally new? This Cross-Platform Desktop Applications: Using Node, Electron, and NW.js can be the reply, oh how comes? The new book you know. You are and so out of date, spending your time by reading in this brand new era is common not a nerd activity. So what these guides have than the others?

Jeanne Newman:

You will get this Cross-Platform Desktop Applications: Using Node, Electron, and NW.js by browse the

bookstore or Mall. Merely viewing or reviewing it could possibly to be your solve challenge if you get difficulties on your knowledge. Kinds of this publication are various. Not only by means of written or printed but in addition can you enjoy this book by simply e-book. In the modern era like now, you just looking by your local mobile phone and searching what your problem. Right now, choose your ways to get more information about your publication. It is most important to arrange yourself to make your knowledge are still update. Let's try to choose appropriate ways for you.

Download and Read Online Cross-Platform Desktop Applications: Using Node, Electron, and NW.js By Paul B. Jensen #E5HIPZAXD6B

Read Cross-Platform Desktop Applications: Using Node, Electron, and NW.js By Paul B. Jensen for online ebook

Cross-Platform Desktop Applications: Using Node, Electron, and NW.js By Paul B. Jensen Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Cross-Platform Desktop Applications: Using Node, Electron, and NW.js By Paul B. Jensen books to read online.

Online Cross-Platform Desktop Applications: Using Node, Electron, and NW.js By Paul B. Jensen ebook PDF download

Cross-Platform Desktop Applications: Using Node, Electron, and NW.js By Paul B. Jensen Doc

Cross-Platform Desktop Applications: Using Node, Electron, and NW.js By Paul B. Jensen Mobipocket

Cross-Platform Desktop Applications: Using Node, Electron, and NW.js By Paul B. Jensen EPub