Web Development with Node and Express: Leveraging the JavaScript Stack

By Ethan Brown
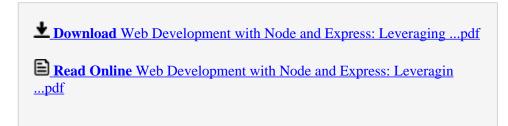
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Learn how to build dynamic web applications with Express, a key component of the Node/JavaScript development stack. In this hands-on guide, author Ethan Brown teaches you the fundamentals through the development of a fictional application that exposes a public website and a RESTful API. You'll also learn web architecture best practices to help you build single-page, multi-page, and hybrid web apps with Express.

Express strikes a balance between a robust framework and no framework at all, allowing you a free hand in your architecture choices. With this book, frontend and backend engineers familiar with JavaScript will discover new ways of looking at web development.

• Create webpage templating system for rendering dynamic data
• Dive into request and response objects, middleware, and URL routing
• Simulate a production environment for testing and development
• Focus on persistence with document databases, particularly MongoDB
• Make your resources available to other programs with RESTful APIs
• Build secure apps with authentication, authorization, and HTTPS
• Integrate with social media, geolocation, and other third-party services
• Implement a plan for launching and maintaining your app
• Learn critical debugging skillsThis book covers Express 4.0.

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Editorial Review

About the Author

Ethan Brown is a senior software engineer at Pop Art, a Portland-based interactive marketing agency, where he is responsible for the architecture and implementation of web sites and web services for clients ranging from small businesses to international enterprise companies. He has over twenty years of programming experience, from embedded to the web, and has embraced the JavaScript stack as the web platform of the future.

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