

Learning Javascript Design Patterns Addy Osmani Format

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do you want to write beautiful structured and maintainable javascript by applying modern design patterns to the language do you want clean efficient manageable code want to stay up to date with the latest best practices if so the updated second edition of learning javascript design patterns is the ideal place to start author addy osmani shows you how to apply modern design patterns to javascript and react including modules mixins observers and mediators you ll learn about performance and rendering patterns such as server side rendering and islands architecture you ll also learn how architectural patterns like mvc mvp and mvvm are useful from the perspective of a modern web application developer this book explores architectural patterns for structuring your components and apps more than 20 design patterns in javascript and react applicable for developers at any level different pattern categories including creational structural and behavioral essential performance patterns including dynamic imports and code splitting rendering patterns such as server side rendering hydration islands architecture and more additionally you ll explore modern javascript syntax like javascript modules react patterns like hooks higher order components hocs and more to stay ahead in the ever evolving world of web development

a javascript and jquery developer s guide cover

in this book you will learn design patterns performance and rendering patterns for building high quality web applications using modern javascript and react patterns are time tested templates for writing code they can be really powerful whether you're a seasoned developer or beginner bringing a valuable level of resilience and flexibility to your codebase whether it's better user experience developer experience or just smarter architecture the patterns in learning patterns can be a valuable consideration for any modern web application

with learning javascript design patterns you'll learn how to write beautiful structured and maintainable javascript by applying classical and modern design patterns to the language if you want to keep your code efficient more manageable and up to date with the latest best practices this book is for you explore many popular design patterns including modules observers facades and mediators learn how modern architectural patterns such as mvc mvp and mvvm are useful from the perspective of a modern web application developer this book also walks experienced javascript developers through modern module formats how to namespace code effectively and other essential topics learn the structure of design patterns and how they are written understand different pattern categories including creational structural and behavioral walk through more than 20 classical and modern design patterns in javascript use several options for writing modular code including the module pattern asynchronous module definition amd and commonjs discover design patterns implemented in the jquery library learn popular design patterns for writing maintainable jquery plug ins this book should be in every javascript developer's hands it's the go to book on javascript patterns that will be read and referenced many times in the future andrée hansson lead front end developer presis

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in software engineering the soft parts addy osmani shares lessons from his first 10 years at google on the soft skills that can help engineers become effective and scale their effectiveness this guidance should help junior mid career and even senior developers move forward deal with changing technology and navigate building non-trivial systems becoming a good engineer is about collecting experience each project

even small ones is a chance to add new techniques and tools to your toolbox where this delivers even more value is when you can solve problems by pairing techniques learned on one project with tools learned working on another this short book tries to capture what the soft skills are and how they can all add up

this is the ebook version of the printed book if the print book includes a cd rom this content is not included within the ebook version leverage the quality and productivity benefits of patterns without the complexity design patterns explained second edition is the field's simplest clearest most practical introduction to patterns using dozens of updated java examples it shows programmers and architects exactly how to use patterns to design develop and deliver software far more effectively you'll start with a complete overview of the fundamental principles of patterns and the role

there's a pattern here and here's how to use it find out how the 23 leading design patterns can save you time and trouble ever feel as if you've solved this programming problem before you or someone probably did and that's why there's a design pattern to help this time around this book shows you how and when to use the famous patterns developed by the gang of four plus some new ones all designed to make your programming life easier discover how to simplify the programming process with design patterns make the most of the decorator factory and adapter patterns identify which pattern applies reduce the amount of code needed for a task create your own patterns

in 2015 twitter embarked on a project to create a universally accessible web experience especially for users with limited data plans and those using low end devices twitter lite offered a fast responsive and lightweight experience achieving significant improvements in user engagement it was designed for speed responsiveness lower data consumption and offline capabilities the app's availability in the google play store and its ability to replace existing android and microsoft store apps increased user reach key performance improvements included code splitting bundle splitting a build tracker and data saver mode twitter lite also employed the prpl pattern to optimize app delivery and launch additionally it prioritized image and media optimization reducing jank and optimizing internationalization to cater to diverse devices and screen sizes the app incorporated responsive design principles and component based design

developer experience dx is all about how easily and effectively developers can get things done good dx is like good ux for developers it is about creating tools apis and services that enable developers to be productive satisfied and empowered this book by addy osmani makes the case for why dx matters it impacts developer happiness retention innovation velocity and business performance it also explores core principles like ensuring a smooth onboarding minimizing complexity providing good documentation and community support it discusses frameworks to measure dx using metrics for usability findability usefulness developer journey mapping is proposed as a technique to identify pain points and friction the book explains how to enable a dx mindset in your organization implement a dx roadmap and track dx

maturity levels there are case studies demonstrating where investments in dx translated to tangible business value with a great dx developers can create exceptional end user experiences read ahead for insights and a practical guide to improve your dx the key takeaway is that optimizing dx should be a priority and requires a cross functional effort spanning product engineering and community engagement

a comprehensive sourcebook of over 500 patterns across six design styles a must have for anyone involved in textiles and the decorative arts delicate florals bold stripes geometric prints and sumptuous brocades delve into the world of textile pattern design with this showcase of over 500 patterns close up highly detailed images of both designer creations and everyday items from the 1800s to the 1990s perfectly capture the intricacies of each fabric while accompanying texts provide fascinating insights into the history and creative process of pattern design this beautiful and accessible book is a valuable resource for anyone in search of visual inspiration table of contents floral abstract all over floral ditsy clusters stripes jacobean nouveau influence poppies rendered roses silhouette single colour stylized varietal victorian spring warp print geometric black and white graphic broken line circle and square circular cubist deconstructed diamonds geometric floral grid mid century ornamental stripe radiating whiplash line conversational abstract americana animals automobiles birds cats and dogs clowns feathers figural folkloric fruit great pretenders hearts home sweet home hunt insects lace net marbleized mushrooms objects patriotic tapestry western constructed pattern applied beaded braid embroidery pierced brocade all over floral bold cloqué metallic mirror mod single colour stripe two colour velvet paisley all over brocade shawl stripe mod

venture deep into the belly of the browser to uncover the secret to instantly loading anything backed by data addy osmani explains how to use preload prefetch preconnect http 2 server push service workers and more and how to ship javascript bundles on mobile that don t break the bank as he shares data driven techniques and performance patterns for efficiently loading content instantly resource description page

a contemporary guide to pattern design this title brings together a wide variety of pattern designs and their variations and maps the spectrum of their possible applications such as wallpaper furniture interior design clothes and more

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