

# Head First Design Patterns

A Brain-Friendly Guide

Avoid those embarrassing coupling mistakes



Discover the secrets of the Patterns Guru



Find out how Starbuzz Coffee doubled their stock price with the Decorator pattern

Learn why everything your friends know about Factory pattern is probably wrong



Load the patterns that matter straight into your brain



See why Jim's love life improved when he cut down his inheritance



Eric Freeman & Elisabeth Robson  
with Kathy Sierra & Bert Bates

# Head First Design Patterns

**Marcel A. Müller**



## Head First Design Patterns:

**Head First Design Patterns** Eric Freeman, Elisabeth Robson, Elisabeth Freeman, Kathy Sierra, Bert Bates, 2004-10-25

You're not alone. At any given moment somewhere in the world someone struggles with the same software design problems you have. You know you don't want to reinvent the wheel or worse a flat tire so you look to Design Patterns, the lessons learned by those who've faced the same problems. With Design Patterns you get to take advantage of the best practices and experience of others so that you can spend your time on something else. Something more challenging. Something more complex. Something more fun. You want to learn about the patterns that matter, why to use them, when to use them, how to use them, and when NOT to use them. But you don't just want to see how patterns look in a book; you want to know how they look in the wild, in their native environment, in other words, in real world applications. You also want to learn how patterns are used in the Java API and how to exploit Java's built-in pattern support in your own code. You want to learn the real OO design principles and why everything your boss told you about inheritance might be wrong and what to do instead. You want to learn how those principles will help the next time you're up a creek without a design pattern. Most importantly, you want to learn the secret language of Design Patterns so that you can hold your own with your co-worker and impress cocktail party guests when he casually mentions his stunningly clever use of Command, Facade, Proxy, and Factory in between sips of a martini. You'll easily counter with your deep understanding of why Singleton isn't as simple as it sounds, how the Factory is so often misunderstood, or on the real relationship between Decorator, Facade, and Adapter. With Head First Design Patterns you'll avoid the embarrassment of thinking Decorator is something from the Trading Spaces show. Best of all, in a way that won't put you to sleep. We think your time is too important and too short to spend it struggling with academic texts. If you've read a Head First book, you know what to expect: a visually rich format designed for the way your brain works. Using the latest research in neurobiology, cognitive science, and learning theory, Head First Design Patterns will load patterns into your brain in a way that sticks. In a way that lets you put them to work immediately. In a way that makes you better at solving software design problems and better at speaking the language of patterns with others on your team. *Head First Design Patterns* Eric Freeman, Elisabeth Robson, 2020-11-24

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your brain in a way that sticks In a way that makes you better at solving software design problems and better at speaking the language of patterns with others on your team Join the hundreds of thousands of developers who have already improved their object oriented design skills through Head First Design Patterns **Head First Design Patterns** Harry L. Patterson,2015-08-06 Thought provoking and accessible in approach this updated and expanded second edition of the Head First Design Patterns provides a user friendly introduction to the subject Taking a clear structural framework it guides the reader through the subject s core elements A flowing writing style combines with the use of illustrations and diagrams throughout the text to ensure the reader understands even the most complex of concepts This succinct and enlightening overview is a required reading for advanced graduate level students We hope you find this book useful in shaping your future career Feel free to send us your enquiries related to our publications to info risepress pw Rise Press *Head First HTML with CSS & XHTML* Elisabeth Robson, Eric Freeman,2005-12-08 Tired of reading HTML books that only make sense after you re an expert Then it s about time you picked up Head First HTML with CSS XHTML and really learned HTML You want to learn HTML so you can finally create those web pages you ve always wanted so you can communicate more effectively with friends family fans and fanatic customers You also want to do it right so you can actually maintain and expand your Web pages over time and so your web pages work in all the browsers and mobile devices out there Oh and if you ve never heard of CSS that s okay we won t tell anyone you re still partying like it s 1999 but if you re going to create Web pages in the 21st century then you ll want to know and understand CSS Learn the real secrets of creating Web pages and why everything your boss told you about HTML tables is probably wrong and what to do instead Most importantly hold your own with your co worker and impress cocktail party guests when he casually mentions how his HTML is now strict and his CSS is in an external style sheet With Head First HTML with CSS XHTML you ll avoid the embarrassment of thinking web safe colors still matter and the foolishness of slipping a font tag into your pages Best of all you ll learn HTML and CSS in a way that won t put you to sleep If you ve read a Head First book you know what to expect a visually rich format designed for the way your brain works Using the latest research in neurobiology cognitive science and learning theory this book will load HTML CSS and XHTML into your brain in a way that sticks So what are you waiting for Leave those other dusty books behind and come join us in Webville Your tour is about to begin Elegant design is at the core of every chapter here each concept conveyed with equal doses of pragmatism and wit Ken Goldstein Executive Vice President Disney Online This book is a thoroughly modern introduction to forward looking practices in web page markup and presentation Danny Goodman author of Dynamic HTML The Definitive Guide What used to be a long trial and error learning process has now been reduced neatly into an engaging paperback Mike Davidson CEO Newsvine Inc I love Head First HTML with CSS XHTML it teaches you everything you need to learn in a fun coated format Sally Applin UI Designer and Artist I haven t had as much fun reading a book other than Harry Potter in years And your book finally helped me break out of my hapless so last century way of creating web pages Professor

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*Fluent Python* Luciano Ramalho, 2015 Explains how to write idiomatic effective Python code by leveraging its best features Python's simplicity quickly lets you become productive with it but this often means you aren't using everything the language has to offer By taking you through Python's key language features and libraries this practical book shows you how to make your code shorter faster and more readable all at the same time From publisher description [HEAD FIRST DESIGN PATTERNS](#) [REDACTED], 2005-09-04 **Head First Object-Oriented Analysis and Design** Brett McLaughlin, Gary Pollice, David West, 2006-11-27 Head First Object Oriented Analysis and Design is a refreshing look at subject of OOAD What sets this book apart is its focus on learning The authors have made the content of OOAD accessible usable for the practitioner Ivar Jacobson Ivar Jacobson Consulting I just finished reading HF OOA software that doesn't hurt your head software that lets you add new features without breaking the old ones Inside you will learn how to Use OO principles like encapsulation and delegation to build applications that are flexible Apply the Open Closed Principle OCP and the Single Responsibility Principle SRP to promote reuse of your code Leverage the power of design patterns to solve your problems more efficiently Use UML use cases and diagrams to ensure that all stakeholders are communicating clearly to help you deliver the right software that meets everyone's needs By exploiting how your brain works Head First Object Oriented Analysis Design compresses the time it takes to learn and retain complex information Expect to have fun expect to learn expect to be writing great software consistently by the time you're finished reading this *OCA/OCP Java SE 7 Programmer I & II Study Guide (Exams 1Z0-803 & 1Z0-804)* Kathy Sierra, Bert Bates, 2014-10-28 A complete update to the definitive

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**Head First Design Patterns** Catherine Santos, 2023-06-09 Programming improvement alludes to a bunch of software engineering exercises devoted to the method involved with making planning conveying and supporting

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