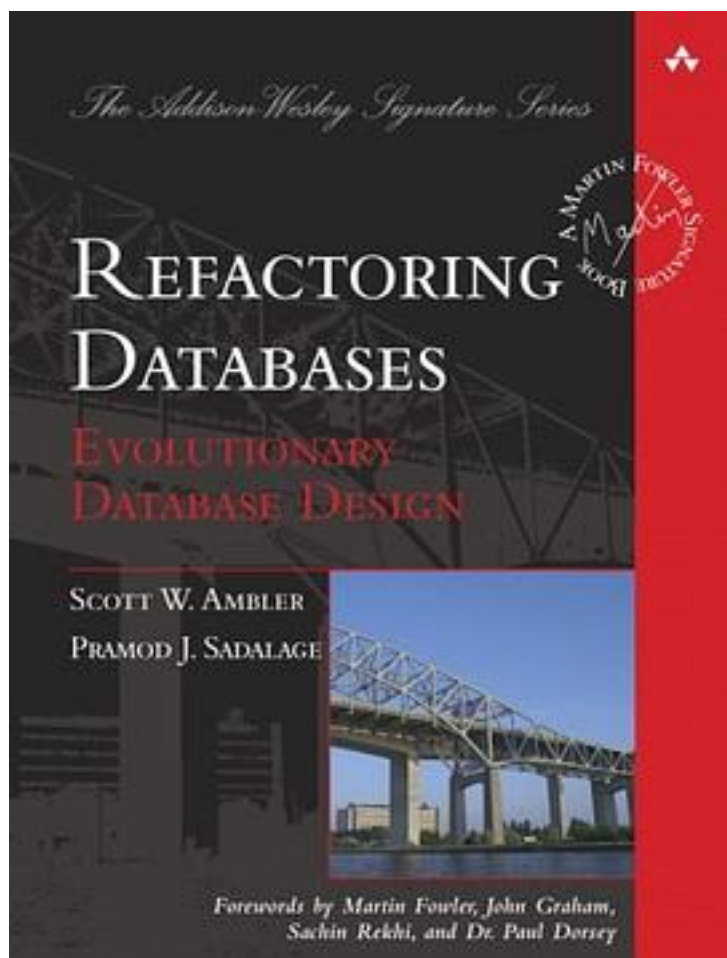


Refactoring Databases



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出版者:Addison-Wesley Professional

出版时间:2006-03-13

装帧:Hardcover

isbn:9780321293534

Refactoring has proven its value in a wide range of development projects--helping software professionals improve system designs, maintainability, extensibility, and performance. Now, for the first time, leading agile methodologist Scott Ambler and

renowned consultant Pramodkumar Sadalage introduce powerful refactoring techniques specifically designed for database systems. Ambler and Sadalage demonstrate how small changes to table structures, data, stored procedures, and triggers can significantly enhance virtually any database design--without changing semantics. You'll learn how to evolve database schemas in step with source code--and become far more effective in projects relying on iterative, agile methodologies. This comprehensive guide and reference helps you overcome the practical obstacles to refactoring real-world databases by covering every fundamental concept underlying database refactoring. Using start-to-finish examples, the authors walk you through refactoring simple standalone database applications as well as sophisticated multi-application scenarios. You'll master every task involved in refactoring database schemas, and discover best practices for deploying refactorings in even the most complex production environments. The second half of this book systematically covers five major categories of database refactorings. You'll learn how to use refactoring to enhance database structure, data quality, and referential integrity; and how to refactor both architectures and methods. This book provides an extensive set of examples built with Oracle and Java and easily adaptable for other languages, such as C#, C++, or VB.NET, and other databases, such as DB2, SQL Server, MySQL, and Sybase. Using this book's techniques and examples, you can reduce waste, rework, risk, and cost--and build database systems capable of evolving smoothly, far into the future.

作者介绍:

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标签

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评论

提不起兴趣来，还是过段时间再来看吧。

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书评

无疑数据库重构一直以来就是很少人敢做的事，因为数据库schema、甚至是数据和系统的强耦合性，这本书和《重构》一样，可以在需要进行重构的时候来查找对应的方法。

有一点疑问,译者是学计算机的么

买了5本书 挑了这本做赠品。没想到
倒是最先看完的，花了3、4天的业余时间。想来，把数据库重构的各方各面一一列举，
比起代码重构，书中讲述最多的是如何来保证数据的安全。对于线上系统的重构尤其如此，
一个完好的数据安全机制是本书最值得称赞的地方。

<http://www.trydofor.com/a9w3-auhome/trydofor/article/2010/0607170631/body.htm>
作者啰嗦点，译者外行点。
数据和数据库重构，基本上都是组合拳，牵涉到所有角色。
书中是分节动作，总结起来就是做事6要素：
首先What，Why，How，然后Where，When，最后安排Who。

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