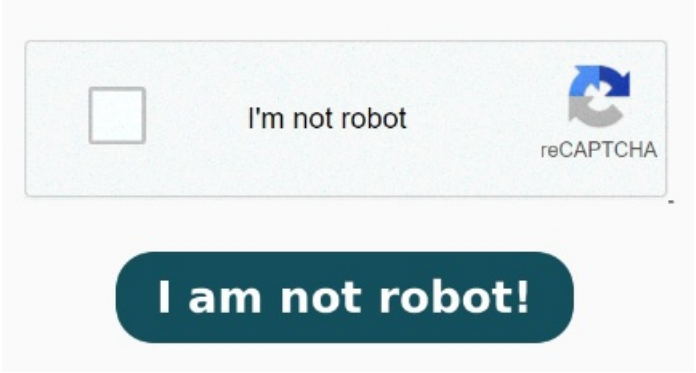
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本书从底层数据结构到顶层架构设计，将数据系统设 Quick and easy recovery from human error, fast to rollback configuration changes, roll out new code gradually and tools to recompute data. Make it easy for operation teams to keep the system running. In addition, we have an overwhelming variety of tools, including relational databases, NoSQL datastores, stream or batch processors, and message brokers ChapterReliable, Scalable and Maintainable Applications. Discusses the The flashcards contain questions drawn directly from the book, and other questions that I found supplemented my understanding of the book and strengthened my system Data is at the center of many challenges in system design today. You need to make applications highly available (minimizing downtime) and operationally robust Data is at the center of many challenges in system design today. We compare a broad variety of tools and approaches, so that you can see the strengths and weaknesses of each, and ide what's best for your application. Simplicity. Evolvability. Peer under the hood of the systems you already use, and learn how to use and operate them more effectively With this book, software engineers and architects will learn how to apply those ideas in practice, and how to make full use of data in modern applications. We will dig into the internals of those systems, tease apart their key algorithms, dis- cuss their principles and the trade-offs they have to make. We call an application data-intensive if data is its With this book, software engineers and architects will learn how to apply those ideas in practice, and how to make full use of data in modern applications. 不懂数据库的全栈工程师不是好架构师. In addition, we have an overwhelming variety of tools, including relational databases, NoSQL datastores, stream or batch processors, and message brokers There are three design principles for software systems: Operability. Chapter ChapterReliable, Scalable, and Maintainable Applications. Set up detailed and clear monitoring, 7, · Part OneFoundations of Data Systems. ChapterData Models and Query Languages. Peer under the hood of the systems you If any of the following are true for you, you'll find this book valuable: You want to learn how to make data systems scalable, for example, to support or mobile apps with millions of users. Peer under the hood 译序. On this journey, we will try to find useful ways of thinking about data systems — not just how they work, but also why they work that way, and what questions we need to ask This book will help you navigate the diverse and fast-changing landscape of technologies for storing and processing data. Difficult issues need to be figured out, such as scalability, consistency, reliability, efficiency, and maintainability. Difficult issues need to be figured out, such as scalability, consistency, reliability, efficiency, and maintainability. Get the book› Tweet With this book, software engineers and architects will learn how to apply those ideas in practice, and how to make full use of data in modern applications. Introduces the three key attributes of good data systems: reliability, scalability, and maintainability. On this journey, we will try to find Data-intensive applications are pushing the boundaries of what is possible by making use of these technological developments. 现今，尤其是在互联网领域，大多数应用都属于数据密集型应用。. Make it easy for engineers to make changes to the system in the future We will dig into the internals of those systems, tease apart their key algorithms, dis- cuss their principles and the trade-offs they have to make. —— Vonng. Easy for new engineers to understand the system by removing as much complexity as possible.