



Replication: Theory and Practice (Lecture Notes in Computer Science)

From Springer

Download now

Read Online 

Replication: Theory and Practice (Lecture Notes in Computer Science) From Springer

Replication is a topic of interest in the distributed computing, distributed systems, and database communities. Although these communities have traditionally looked at replication from different viewpoints and with different goals (e.g., performance versus fault tolerance), recent developments have led to a convergence of these different goals. The objective of this state-of-the-art survey is not to speculate about the future of replication, but rather to understand the present, to make an assessment of approximately 30 years of research on replication, and to present a comprehensive view of the achievements made during this period of time.

This book is the outcome of the seminar entitled A 30-Year Perspective on Replication, which was held at Monte Verità, Ascona, Switzerland, in November 2007. The book is organized in 13 self-contained chapters written by most of the people who have contributed to developing state-of-the-art replication techniques. It presents a comprehensive view of existing solutions, from a theoretical as well as from a practical point of view. It covers replication of processes/objects and of databases; replication for fault tolerance and replication for performance - benign faults and malicious (Byzantine) faults - thus forming a basis for both professionals and students of distributed computing, distributed systems, and databases.

 [Download Replication: Theory and Practice \(Lecture Notes in ...pdf](#)

 [Read Online Replication: Theory and Practice \(Lecture Notes ...pdf](#)

Replication: Theory and Practice (Lecture Notes in Computer Science)

From Springer

Replication: Theory and Practice (Lecture Notes in Computer Science) From Springer

Replication is a topic of interest in the distributed computing, distributed systems, and database communities. Although these communities have traditionally looked at replication from different viewpoints and with different goals (e.g., performance versus fault tolerance), recent developments have led to a convergence of these different goals. The objective of this state-of-the-art survey is not to speculate about the future of replication, but rather to understand the present, to make an assessment of approximately 30 years of research on replication, and to present a comprehensive view of the achievements made during this period of time.

This book is the outcome of the seminar entitled A 30-Year Perspective on Replication, which was held at Monte Verità, Ascona, Switzerland, in November 2007. The book is organized in 13 self-contained chapters written by most of the people who have contributed to developing state-of-the-art replication techniques. It presents a comprehensive view of existing solutions, from a theoretical as well as from a practical point of view. It covers replication of processes/objects and of databases; replication for fault tolerance and replication for performance - benign faults and malicious (Byzantine) faults - thus forming a basis for both professionals and students of distributed computing, distributed systems, and databases.

Replication: Theory and Practice (Lecture Notes in Computer Science) From Springer Bibliography

- Rank: #1762018 in Books
- Published on: 2010-04-08
- Released on: 2010-04-08
- Original language: English
- Number of items: 1
- Dimensions: 9.25" h x .70" w x 6.10" l, 1.05 pounds
- Binding: Paperback
- 290 pages

 [Download Replication: Theory and Practice \(Lecture Notes in ...pdf](#)

 [Read Online Replication: Theory and Practice \(Lecture Notes ...pdf](#)

Download and Read Free Online Replication: Theory and Practice (Lecture Notes in Computer Science) From Springer

Editorial Review

From the Back Cover

Replication is a topic of interest in the distributed computing, distributed systems, and database communities. Although these communities have traditionally looked at replication from different viewpoints and with different goals (e.g., performance versus fault tolerance), recent developments have led to a convergence of these different goals. The objective of this state-of-the-art survey is not to speculate about the future of replication, but rather to understand the present, to make an assessment of approximately 30 years of research on replication, and to present a comprehensive view of the achievements made during this period of time.

This book is the outcome of the seminar entitled A 30-Year Perspective on Replication, which was held at Monte Verità, Ascona, Switzerland, in November 2007. The book is organized in 13 self-contained chapters written by most of the people who have contributed to developing state-of-the-art replication techniques. It presents a comprehensive view of existing solutions, from a theoretical as well as from a practical point of view. It covers replication of processes/objects and of databases; replication for fault tolerance and replication for performance - benign faults and malicious (Byzantine) faults - thus forming a basis for both professionals and students of distributed computing, distributed systems, and databases.

Users Review

From reader reviews:

Rodney Mitchell:

Book is to be different for each grade. Book for children till adult are different content. We all know that that book is very important for us. The book Replication: Theory and Practice (Lecture Notes in Computer Science) has been making you to know about other information and of course you can take more information. It doesn't matter what advantages for you. The reserve Replication: Theory and Practice (Lecture Notes in Computer Science) is not only giving you more new information but also being your friend when you truly feel bored. You can spend your personal spend time to read your guide. Try to make relationship with all the book Replication: Theory and Practice (Lecture Notes in Computer Science). You never feel lose out for everything in case you read some books.

Erica Clark:

This Replication: Theory and Practice (Lecture Notes in Computer Science) book is absolutely not ordinary book, you have after that it the world is in your hands. The benefit you obtain by reading this book is actually information inside this guide incredible fresh, you will get facts which is getting deeper you actually read a lot of information you will get. This particular Replication: Theory and Practice (Lecture Notes in Computer Science) without we realize teach the one who reading through it become critical in considering and analyzing. Don't possibly be worry Replication: Theory and Practice (Lecture Notes in Computer Science) can bring whenever you are and not make your handbag space or bookshelves' turn into full because you can have it with your lovely laptop even phone. This Replication: Theory and Practice (Lecture Notes in

Computer Science) having fine arrangement in word and also layout, so you will not experience uninterested in reading.

Otis Kozlowski:

Often the book Replication: Theory and Practice (Lecture Notes in Computer Science) has a lot details on it. So when you make sure to read this book you can get a lot of gain. The book was authored by the very famous author. The author makes some research before write this book. This kind of book very easy to read you can obtain the point easily after looking over this book.

Donna Robinson:

Beside that Replication: Theory and Practice (Lecture Notes in Computer Science) in your phone, it can give you a way to get nearer to the new knowledge or facts. The information and the knowledge you will got here is fresh in the oven so don't possibly be worry if you feel like an aged people live in narrow commune. It is good thing to have Replication: Theory and Practice (Lecture Notes in Computer Science) because this book offers for your requirements readable information. Do you oftentimes have book but you don't get what it's interesting features of. Oh come on, that will not happen if you have this within your hand. The Enjoyable option here cannot be questionable, such as treasuring beautiful island. Use you still want to miss the item? Find this book in addition to read it from currently!

**Download and Read Online Replication: Theory and Practice
(Lecture Notes in Computer Science) From Springer
#I9ZTL27ON3V**

Read Replication: Theory and Practice (Lecture Notes in Computer Science) From Springer for online ebook

Replication: Theory and Practice (Lecture Notes in Computer Science) From Springer Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Replication: Theory and Practice (Lecture Notes in Computer Science) From Springer books to read online.

Online Replication: Theory and Practice (Lecture Notes in Computer Science) From Springer ebook PDF download

Replication: Theory and Practice (Lecture Notes in Computer Science) From Springer Doc

Replication: Theory and Practice (Lecture Notes in Computer Science) From Springer Mobipocket

Replication: Theory and Practice (Lecture Notes in Computer Science) From Springer EPub