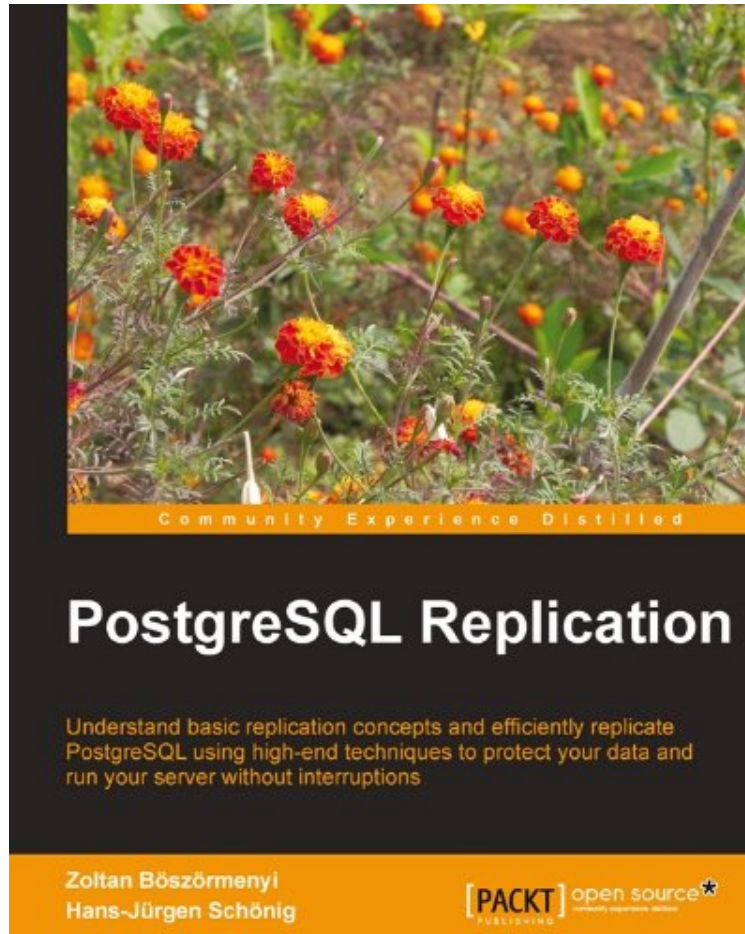


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# PostgreSQL Replication

Von Zoltan Boszormenyi, Hans-Jurgen Schonig  
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**Von Zoltan Boszormenyi, Hans-Jurgen Schonig : PostgreSQL Replication** before purchasing it in order to gage whether or not it would be worth my time, and all praised PostgreSQL Replication:

KundenrezensionenHilfreichste Kundenrezensionen1 von 1 Kunden fanden die folgende Rezension hilfreich. Short ReviewVon Andreas KretschmerThe book starts out by taking a cursory look at the theoretical foundations of database replication like the impact of communication delays caused by physical distance among other things. This is followed by a detailed introduction of the different types of replication, in particular of synchronous and asynchronous replication and sharding.Continuing on with an in depth look into the technical intrinsics of PostgreSQL, the author explains clearly the technology behind WAL and thus the technical foundation of the replication solutions that already come with PostgreSQL, namely PITR and streaming replication.Hands on guides to aide in the actual setup of the various solutions coupled with solutions to common setup problems round off the topic.Monitoring and high availability aspects, so important for real life applications, are also covered.The final chapters cover additional systems for replication and sharding that are not themselves part of the PostgreSQL software distribution, such as pgbounce,

pgpool, Slony, Skytools and PL/Proxy. The book is suitable both beginners wanting to start out with a well explained in-depth look into the workings of WAL/PostgreSQL as well as experienced database administrators looking to verify their existing setups and to get pointers for further optimizations. 0 von 0 Kunden fanden die folgende Rezension hilfreich. A good Textbook Von Tibor Repasi After I've had some experience with replication in a broader manner, and a bit more with various other relational Database Management systems, I got a job on my favourite DBMS, PostgreSQL. I bought this book not as a layman and my expectations were accordingly. This book is not a complete documentation about all configuration options, I did not expect. It is also not a complete survey of all possible products available on the topic, this I think rather impossible within open source products. But something I was not expected is, that this book reviews the most essential theoretical basics, everyone should know on replication. Further, the book is guiding through a series of rather practical configuration schemes, all with working examples. At that point, I found it much like a textbook for some university lectures, written in a clear and understandable style, giving the necessary theoretical background to the practical, working example. On the other hand, authors describe some 3rd party products, e. g. pgPool2, and how to utilise them in PostgreSQL replication, but the description is limited to the most basic configuration cases without any practical point of view for large scale installations. Also, I was missing a summary of the examples, which could provide a view to the complete setup. The Kindle edition, which I've bought, suffers from some layout issues with tables and code snippets, nevertheless, it is still good readable. All in all, I would recommend this book to all, to those who will have a first touch with replication as well, as to those who have already experiences on the topic. This book could be a good entry and will help understand the many other configuration options. 0 von 0 Kunden fanden die folgende Rezension hilfreich. Only covering the basics Von Tom Tomson By the title suggested i was expecting a more in depth look at the various possibilities. It is a great book for Managers or beginners who want to have a broader view on the topic without much prior knowledge on the subject, but if you are looking for an in depth guide to tackle more technical issues, this book is not for you.

Kurzbeschreibung In Detail PostgreSQL offers a comprehensive set of replication related features, which can be used to make your database servers more robust and way more scalable. Unleashing the power of PostgreSQL provides the user with countless opportunities and a competitive advantage over other database systems. To make things more powerful, PostgreSQL can be used in conjunction with a handful of sophisticated tools serving various different needs such as queuing, logical replication, or simplified transaction log handling. "PostgreSQL Replication" is a practical, hands-on guide to PostgreSQL replication. It will provide you with the theoretical background as well as simple examples showing you how to make replication work on your system. A broad toolchain will be presented along with mature PostgreSQL-core technology. "PostgreSQL Replication" starts with an introduction to replication concepts as well as the physical limitations of different replication solutions. You will be guided through various techniques such as Point-In-Time-Recovery, transaction-log-based replication and you will be introduced to a set of replication-related tools. In the final chapter you will learn to scale PostgreSQL to many different servers using PL/Proxy. You will learn how to reset PostgreSQL to a certain point in time and figure out how to replicate data in many ways. You will deal with both synchronous as well as asynchronous replication. In addition to that, the book covers important topics, such as Slony, and upgrades with virtually no downtime. We will also cover important performance-related topics to make sure your database setups will provide you with high speed AND high availability. "PostgreSQL Replication" contains all the information you need to design and operate replicated setups. You will learn everything you need to know for your daily work and a lot more. Approach This book has a chapter dedicated to each aspect of replication. The new features of PostgreSQL 9 are introduced and there are lots of practical examples and screenshots. Who this book is for "PostgreSQL Replication" is ideal for PostgreSQL administrators who want to set up and understand replication. If you want to make your databases more robust, more secure, faster, and more scalable, you will find all the information you need in this single book focusing exclusively on PostgreSQL replication. It is assumed that you already have some basic experience with PostgreSQL. Kurzbeschreibung In Detail PostgreSQL offers a comprehensive set of replication related features, which can be used to make your database servers more robust and way more scalable. Unleashing the power of PostgreSQL provides the user with countless opportunities and a competitive advantage over other database systems. To make things more powerful, PostgreSQL can be used in conjunction with a handful of sophisticated tools serving various different needs such as queuing, logical replication, or simplified transaction log handling. "PostgreSQL Replication" is a practical, hands-on guide to PostgreSQL replication. It will provide you with the theoretical background as well as simple examples showing you how to make replication work on your system. A broad toolchain will be presented along with mature PostgreSQL-core technology. "PostgreSQL Replication" starts with an introduction to replication concepts as well as the physical limitations of different replication solutions. You will be guided through various techniques such as Point-In-Time-Recovery, transaction-log-based replication and you will be introduced to a set of replication-related tools. In the final chapter you will learn to scale PostgreSQL to many different servers using PL/Proxy. You will learn how to reset PostgreSQL to a certain point in time and figure out how

to replicate data in many ways. You will deal with both synchronous as well as asynchronous replication. In addition to that, the book covers important topics, such as Slony, and upgrades with virtually no downtime. We will also cover important performance-related topics to make sure your database setups will provide you with high speed AND high availability. "PostgreSQL Replication" contains all the information you need to design and operate replicated setups. You will learn everything you need to know for your daily work and a lot more. Approach This book has a chapter dedicated to each aspect of replication. The new features of PostgreSQL 9 are introduced and there are lots of practical examples and screenshots. Who this book is for "PostgreSQL Replication" is ideal for PostgreSQL administrators who want to set up and understand replication. If you want to make your databases more robust, more secure, faster, and more scalable, you will find all the information you need in this single book focusing exclusively on PostgreSQL replication. It is assumed that you already have some basic experience with PostgreSQL. ber den Autor und weitere Mitwirkende Zoltan Bszrmenyi Zoltan Bszrmenyi has over 15 years experience in the software development and IT industry. He started working with PostgreSQL in 1995 and has since been working exclusively developing and implementing solutions using it. Among many other things, he has extended ECPG, the embedded SQL-in-C flavor in PostgreSQL. He has also developed unique solutions for POS hardware. He also occasionally does training on PostgreSQL. He has held senior-level positions but now serves as the CTO of Cybertec Schnig Schnig GmbH. Hans-Jrgen Schnig Hans-Jrgen Schnig has 15 years of experience with PostgreSQL. He is the CEO of a PostgreSQL consulting and support company called "Cybertec Schnig Schnig GmbH" ([www.postgresql-support.de](http://www.postgresql-support.de)), which has successfully served countless customers around the globe. Before founding Cybertec Schnig Schnig GmbH in the year 2000, he worked as database developer at a private research company focusing on the Austrian labor market where he was primarily focusing on data mining and forecast models. He has written several books dealing with PostgreSQL already.