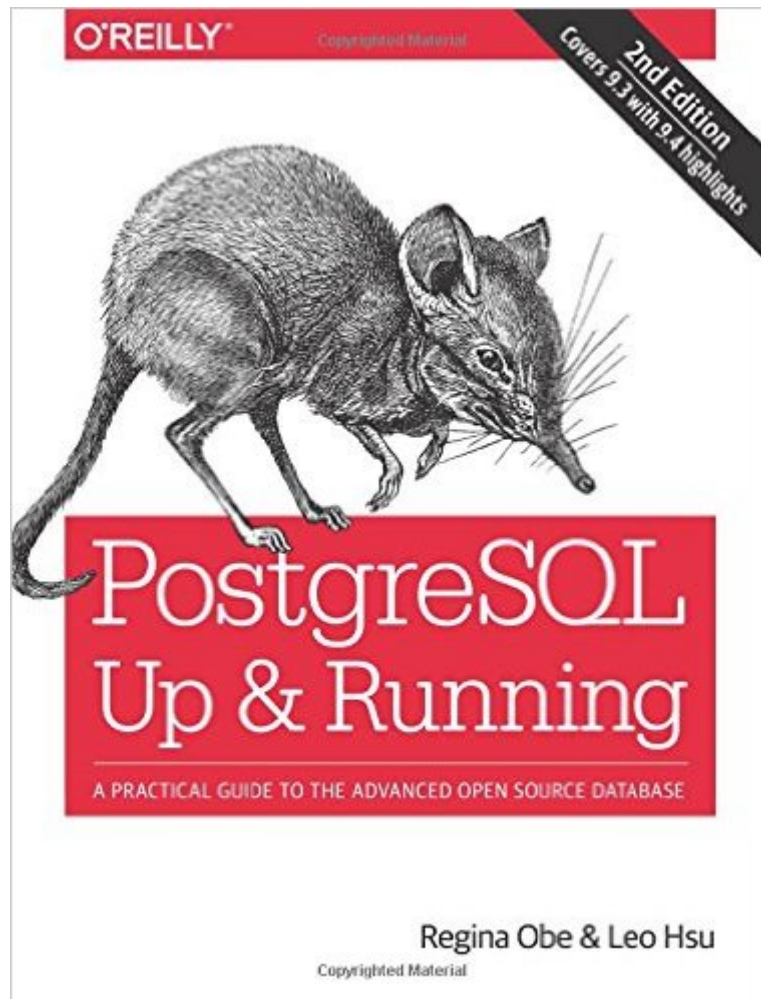


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# PostgreSQL: Up And Running: A Practical Introduction To The Advanced Open Source Database



## Synopsis

Thinking of migrating to PostgreSQL? This clear, fast-paced introduction helps you understand and use this open source database system. Not only will you learn about the enterprise class features in versions 9.2, 9.3, and 9.4, you'll also discover that PostgreSQL is more than a database system--it's also an impressive application platform. With examples throughout, this book shows you how to achieve tasks that are difficult or impossible in other databases. This second edition covers LATERAL queries, augmented JSON support, materialized views, and other key topics. If you're a current PostgreSQL user, you'll pick up gems you may have missed before. Learn basic administration tasks such as role management, database creation, backup, and restore. Apply the psql command-line utility and the pgAdmin graphical administration tool. Explore PostgreSQL tables, constraints, and indexes. Learn powerful SQL constructs not generally found in other databases. Use several different languages to write database functions. Tune your queries to run as fast as your hardware will allow. Query external and variegated data sources with foreign data wrappers. Learn how to use built-in replication features to replicate data.

## Book Information

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## Customer Reviews

So, first of all I'm a PostgreSQL user for 7 years and an instructor for 3 years. I feel that PostgreSQL has one of the absolute best online documentation repos of any open source project. Easy to use and find answers. However, in teaching PostgreSQL administration, I find that there are still quite a few individuals who like a comprehensive introduction to a topic. Quite a few of these individuals like

that comprehensive introduction to be in book form. This is a good resource for those individuals.

**WHAT I LIKE:**

- 1) The authors are active in using PostgreSQL. It is obvious from the tone in which the book is written. Small things, like knowing that 's Redshift is a fork of a PostgreSQL fork . . . aren't monumental, but give the authors credibility in my mind since I use Postgres in its community, EnterpriseDB, and Redshift flavors.
- 2) Concise, quick tips for administrators. There is more to PostgreSQL administration than configuration of the `pg_hba.conf`, `postgresql.conf`, and `pg_ident.conf` files. However, a solid understanding of these will help a new PostgreSQL user troubleshoot 80% of the issues they will likely encounter. A good but brief coverage of these files' formats, `psql`, and interactive/non-interactive administration are the best reasons for a new admin to buy this book.
- 3) Datatype discussion, including new JSON types. There has been a lot of buzz in the community regarding the newer JSON data types that some feel make PostgreSQL a serious competitor in both the relational DB world as well as the unstructured data (MongoDB, Cassandra, etc) world. This book gives a great overview of all existing datatypes as well as the new ones available in 9.4.

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