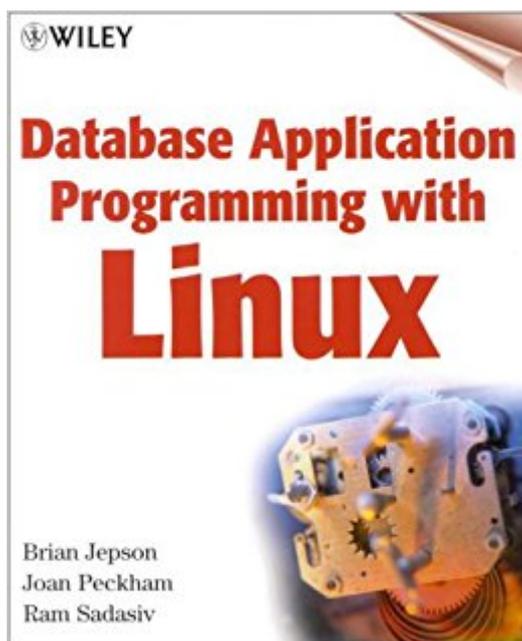


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Database Application Programming With Linux



Synopsis

All the tools and techniques you'll need to get started on database programming with Linux Linux's popularity as an enterprise programming solution has skyrocketed recently thanks to support from major database software providers. With new software coming out each year, and constant improvements in existing software, programmers need to be able to develop database applications using Linux. Written by experts in the database and open source communities, this comprehensive, hands-on guide provides all the tools, techniques, and skills you'll need to start your way to becoming a Linux database expert. Bringing you quickly up to speed on real-world database development basics, the book begins with software design basics, including requirements gathering, database and user interface design, and Object-oriented design. You'll then discover in-depth discussions of database engines and APIs such as PostgreSQL, MiniSQL, Sybase, and Oracle, design tools and programming languages such as Java, Perl, and C. In addition, you'll learn more about application frameworks, components, and distributed components. And you'll find the most up-to-date coverage of Linux database applications to help make this an indispensable resource. With this book, you'll gain a better understanding of the critical pieces of Linux project planning and development, including:

- * Design and specification issues
- * Database design and theory
- * User interface design principles
- * UML and Patterns for object-oriented analysis and design

You'll also learn about:

- * Getting started with PostgreSQL, MySQL, Sybase, Oracle, and MiniSQL
- * Implementation-level differences between various databases
- * Database development
- * Administration and modeling tools
- * Programming with CORBA

The companion Web site at www.wiley.com/compbooks/jepson features:

- * Example programs
- * Reusable code

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Customer Reviews

-The first third and some of the last few chapters contain a good deal of "Software Methodologies for Dummies" content, which is certainly NOT what I purchased this book for. There are chapters on Design (application, not database), Analysis, User Interface Issues, Object Orientation, etc. Since the book is about 490 pages (less index, etc.) maybe the author just added such content for filler. That having been said, this book is a VERY good overview of Database technology on Linux. It covers all the major DBMS options including installation tutorials for each, admin and GUI interface tools, and programming against those databases in a variety of Linux languages (C, C++, Java, Perl, Tk, Gnome/Glade, etc.) The book includes LOTS of super links to tools and products (both free (Open Source) and commercial). It includes lots of tips and hints that would take weeks to find in the documentation and I especially appreciated the special points of reference offered by the author for those of us who are more familiar with Windows Database products than Linux products. This subject matter gets little coverage and this book makes for a great quick start. At \$45 it's a little pricey, but there are few alternatives that deal directly with this subject. The primary author's web site is published in the book, you can download the source code from the book examples and there is a message board for book related discussions (in which the author answers questions) and there is an errata section as well !! Overall a good buy. Joe@ASPGurus.com -

I'm a Master student in information Systems, currently taking Software Engineering and Database Concepts courses at the University. This is a great book which contains book subjects with good examples. The good thing is I don't waste my time to study the courses twice. This book contains useful relations between the two subjects with an open source approach. One last thing to say: Every thing I want, I found.

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