

Getting the most from this book

Either you are looking at the sample chapters, or you bought *Get It Done With MySQL 5&Up* at www.artfulsoftware.com/.

This edition covers MySQL 5.0 through 5.7, and the withdrawn 6.0.

You wonder what happened to 6.0? Sun/MySQL withdrew it in 2009. Did they announce that in the way MySQL has usually announced new release info, on MySQL lists and fora? No. They buried the news in the guts of a *release strategy revision document*. They said a new 6.0 would appear in early 2010. It didn't happen. We've so far kept coverage of vanished 6.0 features, but now that 8.0 is confirmed as the next release, we've updated the book title and we've set about covering the new features in 8.0.

To install this book on your computer, use *WinRAR* under Windows, or *RAR* under Mac/Linux/UNIX, to unpack the archive to a convenient location. To install or update the book on your tablet, copy the unpacked files to a folder where your tablet's PDF reader can find them (of the readers we've reviewed, EzPDFReader is best). For file links to work, all book files must be in the same folder.

Acrobat[®] *Reader* is freely downloadable. Versions 8 and later are more user-friendly than earlier versions, even if still imperfect (*e.g.*, endless updates, missing items in the help menu). *Nitro Reader 3* is an excellent, free alternative.

To update your copy of the book, make sure you are subscribed for updates, then download the update archive from www.artfulsoftware.com by clicking on *Update* in the *MySQL Book* submenu, and unpack the update archive over your current installed copy of *Get It Done With MySQL 5&6*.

The plan

The book has six sections ...

- Databases and MySQL (chapters 1-5)
- Working with MySQL (chapters 6-9)
- Programming with MySQL (chapters 10-16)
- MySQL Administration (chapter 17-19)
- Advanced Topics (chapters 20-22)
- Appendices (A-E)

plus an index. Some *Get It Done* chapters are meant to be read start to finish. Some are mainly packed with documentary facts, and are meant mostly for looking stuff up—you'd need to be a bit bent to read them front to back.

The bits meant for reading are ...

1. An account, from scratch, of relational databases

- 2. A brief history of MySQL
- 5. Writing a Specification
- 9. Writing and designing queries in MySQL
- 10 through 16: MySQL APIs, ODBC, PHP, Perl, Java, .NET and C.
- 17. Database administration
- 19. Security
- 20. Working with Graphs in MySQL
- 21. Working with MySQL and Visual Studio 2005
- 22. Time in MySQL
- Appendix D for the Java-challenged.

The bits meant for looking things up are ...

- 3. MySQL installation
- 4. SQL and MySQL data types
- 6. MySQL command syntax
- 7. MySQL table types
- 8. Syntax for MySQL built-in and stored procedures and functions
- 18. Syntax for MySQL administrative utilities
- Appendix A. Glossary
- Appendix B. System Variables
- Appendix C. Reference Data
- Appendix E. Source code

If your itch to get started with MySQL exceeds your itch for background information, explanation and understanding, begin with *Chapter 3*, and once you have proved your installation is sound, follow the links in the *Getting Started* section of that chapter.

Read

To read this book, you need Acrobat Reader[®] 6.0 or later, available for download without charge from <http://www.adobe.com/products/acrobat/readstep2.html>, and any reasonably compatible web browser.

The TOC page, *mysqlled1.pdf*, links to all chapters and to the index. Do whatever your operating system permits by way of creating a convenient shortcut to make it as easy as possible to open *mysqlled1.pdf* no matter what else you are doing.

All chapters up to and including Appendix C are PDFs. Appendices D and E are HTML files. *Changes.html* briefly summarises changes in each edition.

If you have enough screen real estate, expand your Adobe Reader[®] window to show a whole page at a time and set Edit | Preferences | Page Display | Page Layout to Single Page. Failing that, select View / Fit Visible in the Reader menu. Each chapter begins and ends with links to the TOC, the previous chapter, and the next chapter. The top of every chapter (except the index) lists main topics and bookmarks. Hyperlinks in the text are underlined. They may point to bookmarks in the same chapter, or to other chapters.

You can peel off code or any other text from a PDF chapter by selecting Tools | Basic | Text from the Adobe Reader[®] menu. You can also copy sample programs directly from

Appendix E. Navigating to bookmarks in the same chapter is straightforward except that if your Reader window is sized to show a lot less than a full page, you may have to scroll the page a bit to see the target you clicked on.

Current PDF generators do not reliably link to specific pages or bookmarks in other chapters (PDFs), so if a link points to a specific section of another chapter (PDF), we show it as a chapter link followed by a bookmark name in parentheses, for example *Chapter 1* (Operations on sets), which means you should first

- click on the Chapter 1 link, and once there
- click on Operations on sets in that chapter's leading list of bookmarks.

Alternatively, once you've navigated to the linked chapter, open Acrobat® Reader's Bookmarks tab and select the desired bookmark from there.

Having read what you want, clicking on the little back-navigation arrow in the Reader's header returns you to where you were. (You may wonder why PDF readers can return you to a specific spot in a local PDF, but cannot reliably do the same trick in a forward direction. So do we.)

Index

At the beginning and end of the index are links to all page ranges. Look up the item you are searching for in the index, go to the top or bottom of the index and click on the matching page range, and go to the page using the Acrobat page navigator button in the Reader's header.

Print

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