## **Chapter 1 General Information**

## **Table of Contents**

1.1 About This Manual	2
1.2 Overview of the MySQL Database Management System	4
1.2.1 What is MySQL?	4
1.2.2 The Main Features of MySQL	5
1.2.3 History of MySQL	8
1.3 What Is New in MySQL 8.0	9
1.4 Server and Status Variables and Options Added, Deprecated, or Removed in MySQL 8.0	51
1.5 MySQL Information Sources	70
1.6 How to Report Bugs or Problems	71
1.7 MySQL Standards Compliance	
1.7.1 MySQL Extensions to Standard SQL	76
1.7.2 MySQL Differences from Standard SQL	
1.7.3 How MySQL Deals with Constraints	
1.8 Credits	
1.8.1 Contributors to MySQL	83
1.8.2 Documenters and translators	88
1.8.3 Packages that support MySQL	89
1.8.4 Tools that were used to create MySQL	
1.8.5 Supporters of MySQL	
• • • • • • • • • • • • • • • • • • •	

The MySQL™ software delivers a very fast, multithreaded, multi-user, and robust SQL (Structured Query Language) database server. MySQL Server is intended for mission-critical, heavy-load production systems as well as for embedding into mass-deployed software. Oracle is a registered trademark of Oracle Corporation and/or its affiliates. MySQL is a trademark of Oracle Corporation and/or its affiliates, and shall not be used by Customer without Oracle's express written authorization. Other names may be trademarks of their respective owners.

The MySQL software is Dual Licensed. Users can choose to use the MySQL software as an Open Source product under the terms of the GNU General Public License (http://www.fsf.org/licenses/) or can purchase a standard commercial license from Oracle. See http://www.mysql.com/company/legal/licensing/ for more information on our licensing policies.

The following list describes some sections of particular interest in this manual:

- For a discussion of MySQL Database Server capabilities, see Section 1.2.2, "The Main Features of MySQL".
- For an overview of new MySQL features, see Section 1.3, "What Is New in MySQL 8.0". For information about the changes in each version, see the Release Notes.
- For installation instructions, see Chapter 2, *Installing and Upgrading MySQL*. For information about upgrading MySQL, see Section 2.11, "Upgrading MySQL".
- For a tutorial introduction to the MySQL Database Server, see Chapter 3, Tutorial.
- For information about configuring and administering MySQL Server, see Chapter 5, MySQL Server Administration.
- For information about security in MySQL, see Chapter 6, Security.
- For information about setting up replication servers, see Chapter 17, Replication.