Chapter 2 Installing and Upgrading MySQL

Table of Contents

2.1 General Installation Guidance	96
2.1.1 Supported Platforms	96
2.1.2 Which MySQL Version and Distribution to Install	96
2.1.3 How to Get MySQL	
2.1.4 Verifying Package Integrity Using MD5 Checksums or GnuPG	
2.1.5 Installation Layouts	
2.1.6 Compiler-Specific Build Characteristics	
2.2 Installing MySQL on Unix/Linux Using Generic Binaries	
2.3 Installing MySQL on Microsoft Windows	
2.3.1 MySQL Installation Layout on Microsoft Windows	
2.3.2 Choosing an Installation Package	
2.3.3 MySQL Installer for Windows	
2.3.4 Installing MySQL on Microsoft Windows Using a noinstall ZIP Archiv	
2.3.5 Troubleshooting a Microsoft Windows MySQL Server Installation	
2.3.6 Windows Postinstallation Procedures	
2.3.7 Windows Platform Restrictions	
2.4 Installing MySQL on macOS	157
2.4.1 General Notes on Installing MySQL on macOS	157
2.4.2 Installing MySQL on macOS Using Native Packages	158
2.4.3 Installing and Using the MySQL Launch Daemon	
2.4.4 Installing and Using the MySQL Preference Pane	
2.5 Installing MySQL on Linux	
2.5.1 Installing MySQL on Linux Using the MySQL Yum Repository	
2.5.2 Installing MySQL on Linux Using the MySQL APT Repository	
2.5.3 Installing MySQL on Linux Using the MySQL SLES Repository	
2.5.4 Installing MySQL on Linux Using RPM Packages from Oracle	
2.5.5 Installing MySQL on Linux Using Debian Packages from Oracle	
2.5.6 Deploying MySQL on Linux with Docker	
2.5.7 Installing MySQL on Linux from the Native Software Repositories	
2.5.8 Installing MySQL on Linux with Juju	
2.5.9 Managing MySQL Server with systemd	
2.6 Installing MySQL Using Unbreakable Linux Network (ULN)	
2.7 Installing MySQL on Solaris	
2.7.1 Installing MySQL on Solaris Using a Solaris PKG	
2.8 Installing MySQL on FreeBSD	
2.9 Installing MySQL from Source	
2.9.1 Source Installation Methods	
2.9.2 Source Installation Prerequisites	209
2.9.3 MySQL Layout for Source Installation	211
2.9.4 Installing MySQL Using a Standard Source Distribution	211
2.9.5 Installing MySQL Using a Development Source Tree	215
2.9.6 Configuring SSL Library Support	
2.9.7 MySQL Source-Configuration Options	
2.9.8 Dealing with Problems Compiling MySQL	
2.9.9 MySQL Configuration and Third-Party Tools	
2.9.10 Generating MySQL Doxygen Documentation Content	
2.10 Postinstallation Setup and Testing	
2.10.1 Initializing the Data Directory	