

Table of Contents

MySQL 5.1 New Features.....	1	Event Scheduler Notes.....	42
Introduction.....	5	Implementing Table Partitioning.....	43
What this course is about.....	6	Table Partitioning Overview.....	44
Where to Get Information.....	7	Range Partitioning.....	45
Upgrading to MySQL 5.1.....	8	List Partitioning.....	47
Overview.....	9	Hash Partitioning.....	49
Upgrade Issues.....	11	Linear Hash Partitioning.....	51
Performing the Upgrade.....	15	Key Partitioning.....	52
Post Upgrade Tasks.....	19	Sub Partitioning.....	53
Exercises.....	20	Spreading Disk I/O.....	55
The Information_Schema.....	21	Storage Engine Mix & Match.....	56
About Information_Schema.....	22	Managing Partitions.....	57
Using the MySQL Event Scheduler.....	26	Removing Partitioning.....	58
About the Event Scheduler.....	27	Modifying Range & List Partitions.....	59
Enabling the Scheduler.....	29	Reorganizing List & Range Partitions.....	60
Scheduling an Event.....	31	Reorganizing Hash and Key Partitions.....	61
Modifying Events.....	35	Partition Maintenance & Information.....	62
Viewing Event Status.....	37	Partitioning Caveats.....	64
Replicated Events.....	38	Exercises.....	66
Exercises.....	40	Load Performance Testing.....	67

MySQL 5.1 New Features

MySQL Load Emulator	68	Configuring MySQL for Plugins.....	115
Arguments for mysqlslap.....	69	Installing Plugins.....	117
Notes About mysqlslap.....	76	Using Full Text Parser Plugins.....	119
Exercises.....	77	Compiling the InnoDB Plugin.....	120
Implementing MySQL Replication.....	78	InnoDB Plugin Advantages.....	121
Replication Overview.....	79	InnoDB Compressed Row Format.....	123
Uses for Replication.....	80	InnoDB Dynamic Row Format.....	125
Replication Options.....	81	Exercises.....	127
Replication Options.....	82	MySQL 5.1 Storage Engines.....	129
Configuring MySQL Replication.....	86	Supported Engines.....	130
Circular Replication.....	90	MyISAM Storage Engine Features.....	132
Querying Replication Status.....	92	MyISAM Table Locking.....	136
Changing Replication Types.....	96	Relocating MyISAM Tables.....	140
Exercises.....	99	Exercises.....	141
Controlling Log Output.....	100	The InnoDB Storage Engine.....	143
MySQL 5.1 Logging Options.....	101	The InnoDB Tablespace.....	145
General Log Table Format.....	103	InnoDB Transaction Support.....	147
Slow Log Table Format.....	105	Transaction Isolation.....	149
Managing Log Tables.....	109	InnoDB Locking.....	152
Exercises.....	111	InnoDB Optimizations.....	153
The MySQL Plugin API.....	112	Adaptive Hash Index.....	154
Understanding the Plugin API.....	113	Committing Transactions.....	155

Using SAVEPOINTS in Transactions.....	156	The FULLTEXT Index.....	164
Exercises.....	157	FULLTEXT Index Basics.....	165
The Memory Engine.....	158	FULLTEXT Boolean Searches.....	167
The Federated Storage Engine.....	159	FULLTEXT Query Expansion.....	170
The Archive Engine.....	160	Natural Language Searches.....	171
The CSV Engine.....	161	FULLTEXT Engine Characteristics.....	172
The BLACKHOLE Engine.....	162	Exercises.....	174
MySQL Full Text Search.....	163		