



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.....	114
Arguments for mysqlslap.....	69	Installing Plugins.....	116
Notes About mysqlslap.....	76	Using Full Text Parser Plugins.....	118
Exercises.....	77	Compiling the InnoDB Plugin.....	119
Implementing MySQL Replication.....	78	InnoDB Plugin Advantages.....	120
Replication Overview.....	79	InnoDB Compressed Row Format.....	122
Uses for Replication.....	80	InnoDB Dynamic Row Format.....	124
Replication Options.....	81	Exercises.....	126
Replication Options.....	82	MySQL 5.1 Storage Engines.....	128
Configuring MySQL Replication.....	86	Supported Engines.....	129
Circular Replication.....	89	MyISAM Storage Engine Features.....	131
Querying Replication Status.....	91	MyISAM Table Locking.....	135
Changing Replication Types.....	95	Relocating MyISAM Tables.....	139
Exercises.....	98	Exercises.....	140
Controlling Log Output.....	99	The InnoDB Storage Engine.....	142
MySQL 5.1 Logging Options.....	100	The InnoDB Tablespace.....	144
General Log Table Format.....	102	InnoDB Transaction Support.....	146
Slow Log Table Format.....	104	Transaction Isolation.....	148
Managing Log Tables.....	108	InnoDB Locking.....	151
Exercises.....	110	InnoDB Optimizations.....	152
The MySQL Plugin API.....	111	Adaptive Hash Index.....	153
Understanding the Plugin API.....	112	Committing Transactions.....	154



Using SAVEPOINTS in Transactions.....	155	The FULLTEXT Index.....	163
Exercises.....	156	FULLTEXT Index Basics.....	164
The Memory Engine.....	157	FULLTEXT Boolean Searches.....	166
The Federated Storage Engine.....	158	FULLTEXT Query Expansion.....	169
The Archive Engine.....	159	Natural Language Searches.....	170
The CSV Engine.....	160	FULLTEXT Engine Characteristics.....	171
The BLACKHOLE Engine.....	161	Exercises.....	173
MySQL Full Text Search.....	162		