MySQL 6.0 Alpha Online Backup API

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What Does It Really Do

The MySQL Hot Backup API is MySQL's answer to the commercial backup software vendors. It's goal is to make an API for doing Online type MySQL backups. It is a big goal and will represent a significant improvement over mysqlhotcopy for MyISAM backups.

For years the commercial backup software vendors have been telling MySQL AB: "build as an API and we'll build hot backup apps!"

Implemented and Not Yet Released (MySQL 6.0.5)

- Online Backup without Interruptions for InnoDB and Falcon storage engines.
- SQL Interface for Initiating Backups
- BACKUP DATABASE databasename1, databasename2 TO "filename.backup";
- RESTORE FROM "filename.backup";

Limitations Still Being Worked Out

- Can't backup replicated Databases
- No backup of database privileges
- No selective (table level) backup and restore
- No Compression
- No MyISAM support

Category	Online
Archive Type	Disk
MySQL Storage Engines Supported	InnoDB & Falcon Only
Supported O/S	All
Binlog Backup & Restore	No
Zero Business Interruption (Online Backups)	Yes
Granular (Table Level) Restore	Yes
Easy to Use Graphical User Interface	No

Complete Server Protection (Backup All Data or just MySQL?)	No
Backup Type	Full
Backup Window Length	Long
Server Disk I/O and Load Impact	Heavy