Thursday, January 7. 2010

### Detecting Mysql full-table scans with dtrace

Robert Milkowski wrote an article about detecting a full-table scan with dtrace without app-specific probes: Identifying a Full Table Scan in MySQL with Dtrace. No need to use the slow query log to do this task. This helpful especially when the queries aren't slow at the moment because the database fits into the memory at the beginning

Posted by Joerg Moellenkamp in English, Solaris at 06:04

log_slow_queries = on
long_query_time = 0.1
log_queries_not_using_indexes = on

und ggf.

min_examined_row_limit = irgendwas

Das erste schaltet das Slow Log an (in 5.1 endlich auch ohne einen Neustart des Servers). long_query_time kann nun endlich auch auf Werte unter 1s gesetzt werden.

log_queries_not_using_indexes loggt Full Table Scans, und min_examined_row_limit sorgt dafür, daß solche Scans auf kleinen Tabellen nicht das Log cluttern.
Anonymous on Jan 7 2010, 11:09

Das min_examined_row_limit kannte ich noch nicht .... was gelernt
Anonymous on Jan 7 2010, 11:11

log_slow_queries can't log queries which take less than 1s - at least not in mysql 5.0 and older (I'm not sure about newer ones). Then this is only example and one can extend the script to do much more.

For example see MySQL TOP - http://milek.blogspot.com/2010/01/mysql-top.html
Anonymous on Jan 19 2010, 00:37