

Repairing the MythTV Database

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I've been pretty happy with [MythDora](#) over [KnoppMyth](#) overall (it's actively maintained, for one thing), but like most MythTV setups, the MySQL database tends to crash with regular use, despite running the [DB Optimize Script](#) regularly.

After having to type (and re-type) a series of terminal commands, I finally just wrote a shell script to do everything automatically:

```
#!/bin/sh

service mythbackend stop
service mysqld stop
cd /var/lib/mysql/mythconverg
myisamchk *.MYI > crash.log 2>&1

grep corrupt crash.log | grep table | \
sed -e 's/ is corrupted//' | \
sed -e 's/MyISAM-table //' | \
sed -e "s'//g" | \
sed -e 's/^/myisamchk -r /' > repair.sh

grep fixed crash.log | \
sed -e 's/ is usable but should be fixed//' | \
sed -e 's/MyISAM-table //' | \
sed -e "s'//g" | \
sed -e 's/^/myisamchk -r /' >> repair.sh

sh repair.sh > repair.log 2>&1
myisamchk -c *.MYI > after.log 2>&1

echo "**** After repair ****"
grep -i fix after.log
grep -i corrupt after.log
mv *.log /tmp
mv *.sh /tmp

echo "**** Repair done ****"
echo "Check /tmp/after.log and if ok, run:"
echo "  service mysqld start"
echo "  service mythbackend start"
```

Ok, not quite everything, since the repair results should be checked (a simple `grep` for "fix" and "corrupt" suffices) before restarting the mythv services, but recovery is much easier now.

Archived from the original at <http://denis.papathanasiou.org/>

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