

[mysql](#), [mysqldump](#), [myisamchk](#), [table](#), [reparieren](#)

# Wie man einen MySQL Table repariert

## Problem

```
ERROR 144 (HY000) at line 1: Table './cadapfakse/wpfk1_options' is marked as crashed and last (automatic?) repair failed
```

## Quellen

- <http://www.ubuntugeek.com/how-to-change-the-mysql-data-default-directory.html>
- <http://stackoverflow.com/questions/8843776/mysql-table-is-marked-as-crashed-and-last-automatic-repair-failed>
- Kofler / MySQL 5, Seite 504

## Vorgehensweise

Alle Datenbanken wegdumpen:

```
cd /root
mkdir ./backup
cd ./backup
mysqldump -u root -p --all-databases > backup.sql
```

MySQL stoppen:

```
/etc/init.d/mysql stop
```

das Datenverzeichnis backupen:

```
cp -arv /var/lib/mysql /var/lib/mysql_backup_22.02.2013
```

das Backup des Datenverzeichnisses zu einer Arbeitskopie kopieren:

```
cp -arv /var/lib/mysql_backup_22.02.2013 /var/lib/mysql_backup_work
```

Den Table reparieren:

```
cd /var/lib/mysql_backup_work/c8wpfahrradkiste
myisamchk -r wpfk1_options
```

```
- recovering (with sort) MyISAM-table 'wpfk1_options'
Data records: 2572
- Fixing index 1
Wrong block with wrong total length starting at 12856
- Fixing index 2
Data records: 2570
```

Das Originale Datenbankverzeichnis wegmoven

```
mv /var/lib/mysql /var/lib/mysql_original
```

Die Arbeitskopie live stellen

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```
mv /var/lib/mysql_backup_work /var/lib/mysql
```

MySQL wieder starten

```
/etc/init.d/mysql start
```

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