Local SQLite3 Database Howto.

> ⊘ **Deprecated**
>
> This page is deprecated. The information has been moved to the primary Detector Conditions page.

As of 2019_03_14 the hps-java code allows you to use a local offline copy of the conditions database in a single sqlite3 database file. Below are the instructions on how to do this.

Creating an sqlite3 database

You need to create a snapshot of the MySQL database in an sqlite3 database file. Doing so is *much* easier using a dedicated (and complicated) awk script, that reformats a MySQL database dump. Recommended is the script from "dumblob": https://github.com/dumblob/mysql2sqlite. Get the script with:

```
wget https://raw.githubusercontent.com/dumblob/mysql2sqlite/master/mysql2sqlite
chmod +x mysql2sqlite
```

You may need to change the first line to point to your version of gawk (or awk).

You can then create the hps_conditions.db sqlite3 database file with the following steps:

```
mysqldump --skip-extended-insert --compact -u hpsuser --password=darkphoton -h hpsdb.jlab.org  --lock-
tables=false hps_conditions > hps_conditions.mysql
mysql2sqlite hps_conditions.mysql | sqlite3 hps_conditions.db
```

Using a local sqlite3 database

You can use the hps_conditions.db database by adding -Dorg.hps.conditions.url=jdbc:sqlite:hps_conditions.db to the "java" command.