

Logging of QT HMI Data

▶ Data source

- ▶ <http://192.168.24.187/StorageCardUSB/>
- ▶ DLPurifier0.csv, DLLiqA0.csv, DLLiqB0.csv, DLSystem0.csv
Alarm_log0.csv
- ▶ CSV files hold all past records, unless deleted by us

▶ Data collector — Scripts under `~kenichi/e1039/QT_HMI`

- ▶ Download the CSV files every 10 minutes
- ▶ Select new records and upload them to MySQL DB on e906-db1
- ▶ Will have to refresh (i.e. delete) the CSV files on QT HMI periodically.
Otherwise the download time and the disk space for past records get too large
 - ▶ Can delete a text file that I uploaded for test
 - ▶ But cannot delete DLPurifier0.csv etc. due to “412 PRECONDITION FAILED”.
Need to stop “runtime”??

▶ Data browser

<https://e906-gat1.fnal.gov/data-summary/e1039/target-QT-HMI.php>

- ▶ Read and draw the records from MySQL DB
- ▶ Can define groups of variables to draw
- ▶ Can omit unnecessary variables