CAMAC DAQ CODE REPO

A good general introduction to CAMAC is available at http://prep.fnal.gov/introCamac.php

See also the relevant Wikipedia entry at https://en.wikipedia.org/wiki/Computer_Automated_Measurement_an

In order to understand how data acquisition works, you should read the CAEN C111C CAMAC Crate Controller Technical Information Manual, file name "C111C_user_manual_rev10.pdf". Functional descriptions of various CAMAC modules are available on the web.

Directory and Important Files

The *CrateCode/* directory contains all the data files (*.bin). The* CrateAnalysis/* contains the analysis code (myAnalysisExample.py).

Example Usage

The arguments are *fileToStoreRunTimeData* and *dataFileGeneratedByCAMAC*

```
python myAnalysisExample.py junk ../CrateCode/run318.bin
```

If running in SPyder/Ipython:

```
%run ./myAnalysisExample.py junk ../CrateCode/run318.bin
hitMap.redraw(0,15) #code to fix the z-axis limit
```