

Collection System Outline

DAQ 1

DAQ 2

DAQ 3

DAQ 4

DAQ 5

library

library.h/.cpp

Contains all global variables and functions used by all files.

Session

Create connection to X DAQs

DAQ_Interface

DAQ_Interface.h/.cpp

has list of DAQ objects

Represents a session for X DAQs

DAQ

DAQ.h/.cpp

Data_Output

Base class

Data_OutputFactory

Config Parser

config_parser.h/.cpp

Parses the config file.
DAQ class asks for config file info during initialization

Sends data to be written in CSV format

CSV_Output

CSV_Output.h/.cpp

Writes files to

File System

HDF5_Output

Important Files:

DAQ_Interface.h/.cpp
DAQ.h/.cpp
Config_Parser.h/.cpp
CSV_Output.h/.cpp
library.h/.cpp

