

SUI design meeting notes 2015-03-13

Date

13 Mar 2015

Attendees

- [Xiuqin Wu](#)
- [Trey Roby](#)
- [Loi Ly](#)
- [Gregory Dubois-Felsman](#)

Goals

- Discuss the Firefly support for DQA and Camera visualization work

Discussion items

- DQA will
 - validate the software release in the development cycle
 - validate the Data release in camera ready test
- DQA needs to have the code to
 - gather the metrics generated by pipeline during the data process
 - compute the measurement metrics necessary to validate the code
 - display metrics in 2D XY plot(histograms ...) and images to validate the data quality
 - be able to drill down from FOV to raft, to CCD, to amplifier to examine the data, including images and related metrics
- Camera needs
 - almost the same as DQA needs, except maybe different metrics gathering
 - raw images that camera team get
- SUI support:
 - provide a pluggable framework to enable a plugin to do computation on selected data
 - a visualization toolkits/components that can be put together easily as a WEB UI
 - components needed: FOV, raft, CCD, amplifier

Action items

- [Trey Roby](#) prepare a demo for camera before meeting with Tony Johnson at SLAC on March 25-26.