

# 22nd April 2015

Attending: Scott Daniel, Chris, Kem, Rahul, Michael, Peter, Cathy, Lynne, ajc, Bryce, Darko,

Quick items before Lynne's presentation:

- DDS rate issues - the current limitation is due to the SAL (goal is to expose improved functionality of DDS by 4th quarter this year). This is a concern as we are basing our design on a given performance. Need to know DDS can perform with a 1-5ms latency or better. Should we strip away SAL?
- Stash - Michael will move repos to github and leave problematic PRs till later. All PR must be merged by Friday.

Lynne's notebook demo

- Note - you need to start the notebook in a terminal with MAF etc set up
- Comments
  - Should we start with a notebook on access to opsim DB? Lynne might mean people won't use MAF and just resort to opsim queries
  - We need to have the opsim DBs available for the workshop (Tier 1)
  - Should add a demo of how to extract the data that is plotted (e.g. the airmass as a function of healpix pixel)
  - Can we zoom in on healpix regions. Yes - should put that example in a notebook
  - Include an example of how to slice in time, create a movie?
  - How do I find the simple metrics - metric has function `metrics.list()` that will provide a list (there are about 30 of them) or `metrics.list(docs=True)`
  - Stackers aren't in current example
- For the workshop the notebooks are design documents that we want to keep (almost like pseudo code)
  - What notebooks will we need:
    - how to split data into years
    - how to interact with the metric data (not just plot or summarize)
    - healpix functionality and changing the plots
    - using contributed metrics
    - writing your own metric
    - how to use stackers
    - notebook for each of the science plots
      - show depth and then per year then as a function of time
      - number of colors as a fn of year
      - metric values in a separate notebook: notebook on these projections etc