

# Middleware Meeting Notes 2014-07-08

Date Jul 8, 2014

## Attendees

- [Steve Pietrowicz](#), [Greg Daues](#), [Donald Petravick](#), [Kian-Tat Lim](#), HTCondor: GregT, Todd

## Discussion Items

### Steve:

- \* Working on messaging, debugging
- \* Not going to actually send real VOEvents yet
- \* Jeff and Mario added fields to many issues
  - + Including DM-414, which is not yet on the release schedule
  - + Steve to ask Jeff if that's appropriate

### Greg:

- \* Using matplotlib to make bar charts showing when slots are active
- \* Have done through scenario #3 (single job retry)
- \* Can write rescue DAG after second failure for later human intervention
- \* Using workaround for slot rank expression
- \* yum update would get official fix if we use Wisconsin repository (not RH)
- \* Submitting HTCondor jobs to daemons running in Docker at NERSC
  - + Made separate image with DESDM eups stack
  - + Getting stack installed on local disk to speed up paths
- \* HTCondor team has been investigating different ways to use Docker
  - + Could have a Docker "universe", like the Java one
  - + Nothing official yet
  - + OSG software packaging group are the ones who would do it
    - Might talk with GregD
- \* DonP suggestion:
  - + Use Docker containers to package calibration files?

### HTCondor Group:

- \* Miron interested in data placement
- \* Want description of requirements
  - + Job Rank works, but maybe other things could be done
- \* K-T to extract from other documents/expand as necessary