Butler Discussion 2015-12-08

Date

08 Dec 2015

Attendees

- Princeton: John Swinbank
- IPAC: Unknown User (xiuqin), Gregory Dubois-Felsmann, Serge Monkewitz, Unknown User (jar)
- SQUARE: Frossie Economou, Unknown User (nidever), Angelo Fausti
- UW: Simon Krughoff, Russell Owen, Mario Juric
- NCSA: Hsin-Fang Chiang, Unknown User (mcarras2)
- SLAC: Unknown User (npease), Fritz Mueller, Brian Van Klaveren, Vaikunth Thukral, Jacek Becla
- Architecture: Kian-Tat Lim, Tim Jenness

Goals

- check if created stories (see Butler Discussion 2015-12-02) adequately cover all requests
- finalize prioritization and decide on next steps

Discussion items / decisions

Highest priority story from each group:

- Princeton:

  ⚠ DM-4181 - Jira project doesn't exist or you don't have permission to view it.

- UW:

  ⚠ DM-4168 - Jira project doesn't exist or you don't have permission to view it.

- SQUARE:

  ⚠ DM-4555 - Jira project doesn't exist or you don't have permission to view it.

  ; sufficient to define interface (i.e. URLs and how configured) for now, although a minimal implementation should be relatively easy.
- IPAC: multiple output repositories, see below

- NCSA: nothing requested at this time, so do

  ⚠ DM-4180 - Jira project doesn't exist or you don't have permission to view it.

  that UW wants

Main focus in the short term:

- stories listed above
- defining interfaces (text and code). Application, storage, I/O interfaces first. Remote access later
- conceptual design document, including how all the stories fit together
- pull in stories that impact overall architectural design as needed
- meeting ~ mid January

Technical discussion

- Multiple output repositories
  - needed urgently by supertask
  - K-T prefers single output repository with configurable sequence of destinations per dataset type
  - design discussion needed, no story yet
- Pickling

- butler should be able to pickle objects (attempt to do it if possible, not always possible)
- also, butler should be pickle-able. Not clear how much state butler will keep, if/how to pickle in-memory butler storage

Action items

- [ ] Unknown User (npease) Add story about pickling objects
- [ ] Jacek Becla and Unknown User (npease) schedule butler JIRA stories