

Data Access Hangout 2015-01-12

Date

12 Jan 2015

Attendees

- IPAC: [Tatiana Goldina](#), [Loi Ly](#), [Trey Roby](#), [Unknown User \(xiuqin\)](#), [Gregory Dubois-Felsmann](#), [Unknown User \(zhang\)](#)
- NCSA: [Donald Petravick](#), [Phillipe](#)
- SLAC: [Kian-Tat Lim](#), [Brian Van Klaveren](#), [Fabrice Jammes](#), [John Gates](#), [Andy Salnikov](#), [Jacek Becla](#)
- observers: [Ashley](#)

Discussion items

Running DataCat / forms @ncsa

- NCSA is an open site, we can bring and run (secure) software
- need to standardize deployment of services like that
- not committed to maintaining existing paths (urls), MetaServ needs to hide them behind a layer
- hooking up DataCat with LDAP - makes most sense to connect it with LSST LDAP managed by Iain. Jacek will follow up

MetaServ & Butler

- use case: users will need to run with no mysql connectivity to central server, so we have to support simple sqlite too

SLAC/ NCSA responsibilities

- anything science related - SLAC
- details of storage hierarchy, replication, checksums, hardware layout, backups etc - NCSA
- gray area: services developed at slac might rely on info stored by NCSA layer (eg is the file on tape or disk)

VMs

- IPAC needs few VMs @NCSA in the near future
- for now: provision manually
- Xiuqin will write down needs

API for cutout service

- Brian's experience: python is easier if it is first experience. If need performance java is better, it has great parsing libraries, serializing /deserializing different formats in java is convenient. Django is fine for small applications. Framework "flask" is good too.
- Ruby? Great to get started. Issues with performance, not best in long run.
- fits libraries we rely on: afw, easily accessible from python
- looks like python is a good choice for us
 - but check with [Serge Monkevitz](#), he used it for IRSA, wasn't happy with some parts
- be consistent, use the same API for all services

DDT for qserv-served tables?

- proper solution coming in S15
- for now, use the tables that are maintained for schema browser

User upload tables

- come up with a plan during S15

Dataset/repo terminology

- IPAC todo from past meetings, IPAC team will look into it

No meeting next week, it is a holiday at most labs.