

## All Hands Meeting Notes: September 13, 2011

### AGENDA ITEMS:

Welcome new research computing team member Phil Durbin

- From IQSS – will help bolster hosting capabilities

EOL - successful reach for the finish line

- Third time of website launch – finally not crashing – 16 app servers, 4 database servers running from RC structure – [www.eol.org](http://www.eol.org)

HRCI hosting - economics and...?

- Working with Esmond – put together server for level 4 data; up and working – certification coming – should get sign off today and then to institutional review board and then CIO office sign off and then done.
- More sensitive data requests in the future – have template

Museum update 1.1

- Export from Peabody of TMS – VM set up with TMS on it – data was corrupted when started up
- HUH – meeting with Herbaria about collections database – possibility to use TMS in the future for this database

SPINAL, PBS hardware

- SPINAL up and running – invoices were made yesterday – most issues addressed; continue to make the process take fewer human hours

Archival storage - new resources

- A replacement for 16 scratch files to allow storage being used be redeployed for lab requests waiting for resources to become available

### ROUND TABLE UPDATES:

Amir K: working with Sunia Trauger and her instruments – looking at an Oct. 1 roll out; couple instruments at the AA interested in using SPINAL; database for Susan Gomes for grants – go live with Division of Science website (early October)

Anne Marie C: scanned images of glass flowers – put metadata as file name working to clean up; working with Paul Morris – web and database server; production web server to RC infrastructure

John B: ATLAS computing; file commissions; network activity at BU; working with Jiangwen on Galaxy issues; Nick Murphy – novel file systems – happy with data off

cluster – using it for his thesis; C2100 almost ready to be in cluster; Matt Schwartz bought C2100

Chris W: purchases for people; CFA people bought a bunch of things; new project - Research and SEAS moving Google health data here

Plamen K: requests for installing software on cluster and supporting projects – installed two new modules on Siesta; wrote instructions on how to do this; installed bio pipeline on cluster and re-installed it with updated data

Phil D: set-up couple new servers for additional VMs

Matt N: Vis Lab working on requirements for revamp of stuff in EPS; account set-up and software and website migration in EPS to iSite; new puppet system up and running – real time inventory of info about systems and write custom bits to get more info; lot of storage and back-up movements

Mike E: cluster issues/tickets; installing PEARL

Eric M: SPINAL upgrades coming along – still fixing some bugs; working on Susan's site – search functionality, some “pop”, and PIN authorization (only FAS faculty); instrument creation

Vincenzo D: integrating building system with central accounts receivable – bill outside clients; received grant for new cluster (\$160,000) – hosting will be needed; looking for 24/7 reliable hosting service

Adam M: SPINAL work; Mass Spec – IP2 deployed and working with users to run data and work scripts for analysis – new PPS hardware for Bill Lane – should be ready by Monday; working on brain imaging application

Jeff K: TMS server for Peabody museum; Rubin lab 40 terabytes of storage being configured; lots of instruments moved over and configured; building third virtual Citrix node for back-up; apps not bound to individual servers will be there; Zebrafish server expanded – Zon Lab; applications for Small Mass Spec – installed – call browser does not run on Citrix looking into work around

Luis S: working with NCF; CBS cut over last week; NCF workstations placed in puppet; attended the puppet course; NCF nodes converted – looking for best time; PYTHON scripting; account creations

Brian M: Flipped NCF to 2.0 environment; improving things instead of break-fix; improve storage performance; migrating data to new storage infrastructure NSSD

Esmond K: beware of data provenance; looking for consolidation of different appliances – looked to Jerry and Brian for guidance – thanks!