

Interactions of the CD info systems with lab information systems

Detail - October 14, 2002

Currently cron jobs at night refresh data on the miscomp side. There is no real time link to any outside data that is relied on. All data is refreshed through nightly batch. These interfaces have proven dependable.

- 1) 1) Sunflower – Sunflower is the Business Services Oracle Inventory database. Through a mapping form 12k assets that exist in both data repositories (Equipdb & Sunflower) have been linked with an id. The linking process is manual and on-going as new assets are added. Initially, this was very useful in improving the data quality in both repositories. The process also aids in reporting (particularly for sensitive item inventories) and may be useful in a future MISNET/node registration re-write.
- 2) 2) Mischief - general ledger data for CD mischief is retrieved from mms.
- 3) 3) Miscomp - lab requisition, purchase order and some people/orderer info for d0 and CD from mms.
- 4) 4) Equipdb/Miser - organization, and person data from eshtrk updates equipdb/miser data.
- 5) 5) Equipdb - retrieves the sysadmin mailing listnames to validate against system managers in equipdb.
- 6) 6) CDF Module - The cdf hardware database is compared with the equipdb cdf module information in an effort to report discrepancies between the two. This is not a data transfer, but a simple effort to share and synchronize cdf hardware to equipdb.

Miscomp has added sysadmin screens to allow for the web update of systems and their administrators. The rewrite of node registration is under way and will pick up again after project accounting is complete. ODS has also begun working on a leave request system that will assist the division with tracking vacation/sick/travel times. Work on leave request will also restart after project accounting winds down.

Project accounting, from the ODS perspective, has been divided it into 3 sections, CD miser/matrix, D0 miser, and Miscomp reports/forms modifications. Each section consists of forms and reports modifications in the broadest sense, from Oracle forms to Perl scripts. See attached spreadsheet for details. Also attached is an example of the new requisition report, copying Bss' new format.

The CD miser/matrix code and testing is as complete as it can be, based on Bss' schedule. D0 miser code and testing is underway, we expect the Miscomp modifications to begin within a couple of weeks.