

New Online Directory

- Online phone directory has been in place for a long time
 - First implementation was from command line of VAX
 - Moved to UNIX, then [web](#) (ca 1996)
 - Last update was 2001
 - ... & beginning to show it's age
- Accumulated a list of complaints and suggestions about “how to make it better”
 - None easy to fix in the old code
 - “Sounds Like” search didn't return intuitive results
 - Couldn't search across multiple fields
 - Couldn't see organization detail
 - Yellow pages out of date
 - Manually maintained by BSS
 - ... etc.
- Changes to Central Name & Address System (CNAS) “view” of data creates problems
 - Changes to field formats, lengths, etc.
 - often on short (or no) notice
 - Broke online directory on one or two occasions

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- New implementation provides significantly better functionality
 - Improved search based on spell checker (last name) – replaces “Sounds Like”
 - “And” search across multiple fields
 - & add criteria incrementally
 - Better search accuracy
 - Easier wildcarding of searches – “Contains”
 - ... & other [updates](#)
- Tied to ESHTRK person & organization data
 - & indirectly through ESHTRK back to CNAS (same as Kerberos accounts)
 - More dynamic access to data (SQL query)
- Improved security
 - Certain fields only returned on-site
 - Limit results to off-site users to discourage email “harvesting”
- Added instant messaging (*jabber*) ID
 - *jabber* is the site-wide instant messaging service, tied to central authentication
 - similar to AOL Instant Messenger, MSN Messenger, but more secure
- More detailed & meaningful organization information based on ESHTRK
 - All the places on the org chart:
 - COMPUTING DIVISION, LAB AND SCIENTIFIC CORE SERVICES
 - COMPUTING DIVISION, LAB AND SCIENTIFIC CORE SERVICES, DATABASES AND APPLICATIONS
 - COMPUTING DIVISION, COMPUTER SECURITY
 - vs. just one Division/Section/Experiment & Department
 - CD-COMPUTING DIVISION OFFICE

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- Overall, reaction has been very positive
 - Looking at changing text for jabber ID's
 - Working with Divisions/Sections to update organization information
 - Useful in any case to find where this data is “wrong”
 - Responding to suggestions & feedback
- Possible future enhancements:
 - Add ESHTRK titles from organization information
 - Need to be sure these look “right” Lab-wide
 - These reflect organization as well:
 - [Victoria A White](#), Division Head
 - [\(Victoria A White\)](#) Computer Security Executive (CS Exec)
 - Provide a better view of “Organization” from yellow pages
 - Old pages were manually maintained and very out-of-date
 - Replaced with simple page with [links](#) to ESHTRK organization data
 - Need to review titles, see above
 - Speed up page display
 - Provide a way to add non-person organization information
 - If this is appropriate, may be redundant with other parts of the yellowpages
 - Would like this better maintained (by Divisions/Sections?)
 - Fix up the remaining yellow pages
 - All currently manually maintained in flat html files, not generated from a database

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- [Demo](#) (time permitting)
- *Suggestions:*
 - helpdesk@fnal.gov