Reconciling ILLiad Users with ILS Users

JASON FLEMING, UNIVERSITY OF NORTH CAROLINA WILMINGTON
Jason Fleming
Information Technology Librarian
Old User data
Let’s start with the first problem

• Several years ago (pre-2010) we were authenticating patrons using ILLiad authentication
  – Users could create their own username
  – …and everything else

  – “Fun story—she actually has 3 accounts! Her real account is ######. I’ll merge them all into that one, which has the correct banner ID. Thanks for letting me know!”
The problem areas

• SSN field
  – Patron barcode versus…. Social Security Number

• Email field
  – A campus username versus…. An actual email account
Reconciliation

• Taking data out of ILLiad and comparing it to data in our ILS
• Macro Express Text Processing
• Disavowing inactive older accounts and Deleting them
Many iterations

• Multiple Match points
End of Phase 1

- We eliminated 1,000s of old irreconcilable accounts
- We Disavowed many accounts that were valid but expired
- We altered data where we could verify identity to match
  - SSN (User ID Number)
  - Username (Email Address)
Continuing problems
Users exiting the system

- As Faculty/Staff leave the University they remain in LDAP if they apply for a retired university ID
- Students remain in LDAP after they graduate until Drop/Add for the following semester
What can we do about it

• Create a nightly process (cron job) to disavow patrons automatically
How we are going to go about it

• Comparing information from daily Banner feeds against user accounts in ILLiad
  – Text processing
  – SQL querying and updating
Alternatives explored

• LDAP modifications