

# Sharing Breakthroughs

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## Reconciling ILLiad Users with ILS Users

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# 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

ILLiad

This user account is not valid for accessing the ILLiad system.

# Many iterations

- Multiple Match points

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# 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

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thank you