Next generation
Digital stewardship
Professionals
Residency
Discover
Prioritize & Plan
Gradual change
Gradual change, continued.
The National Digital Stewardship Residency at PBS

Lauren Work

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CNI Spring Membership Meeting

@squaredsong | lawork@pbs.org

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Overview

• History and context
• Project detail
• Recommendations
PBS Policy History

• 1979 – 1983:

Public Television Library and Broadcast Archive
• Over 100,000 tapes in remote storage. 30,000 at-risk.

• Unfunded mandate to preserve public television

• No copyright

• No internal archival policy

• Need to move toward digital formats for preservation & deposit
NDSR Project at PBS

1. Develop selection criteria for at-risk media
2. Create digitization workflow for selected media
3. Digital policy recommendations
PBS Selection Criteria

- Title held elsewhere
- Title held on multiple formats
- Unique title (emphasis on orphans)
- Copyright and descriptive metadata available
- Title fits with current PBS/LC deposit policy
Criterion Success: Title held elsewhere
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<th>Number/Date UMD</th>
<th>Med_Desc PBS</th>
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Collection Overlap

UMD National Public Broadcasting Archives

PBS 1" and 2" Media Collection
Collaboration Opportunity
Criterion Challenge: Duplicate Formats

CONVERT(VARCHAR, p.program_length/3600) + ':' + CONVERT(VARCHAR, (p.program_length - ((p.program_length / 3600) * 3600)) / 60)) + ':' + CONVERT(VARCHAR,(p.program_length - ((p.program_length / 3600) * 3600)) - (((p.program_length - ((p.program_length/3600) * 3600)) / 60) * 60))
, p.current_distributor
, p.sap
, p.stereo_mono
, p.subscript_rpt_trans
, p.special_condition_desc
, p.program_comments
, s.sap_desc
, t.date_entered AS Arrived
, 'L' AS L_or_A
  FOR XML PATH ('')
,TYPE
,ROOT
).value('root[1]', 'nvarchar(max)'),1,1,'')) AS OTHERFORMATS
from
[dbo].[lico_tapes] t
left outer join [dbo].[nola_programs] p on (p.nola = t.nola)
left outer join [dbo].[nola_sap_val] s on (s.sap = p.sap)
LEFT JOIN [dbo].[lico_mb_val] mb ON (mb.mb_code = t.mb)
LEFT JOIN [dbo].[lico_tape_size_val] ts ON (ts.tape_size = t.tape_size)
LEFT JOIN [dbo].[lico_loc_umd_val] lu ON (lu.loc_umd_code = t.loc_umd)
where
t.tape_size IN ('01', '02')
• Legacy data structure

• Database migration
Solutions

- Enrich metadata
- Use automation tools where possible
- Plan for scalability
Digitization Workflow

• Test digitization run recently completed
  - MXF wrapped 10 bit lossless JPEG2000 video

• Future tests for PBS workflows
  - AVID Interplay MAM
  - Preservation and archiving workflows
  - Scaling options
Policy and Recommendations
Thank you!

Lauren Work
@squaredsong | lawork@pbs.org