Persisting with Identifiers

Getting a handle on things from an archivist's perspective...

19th July 2012



Introduction



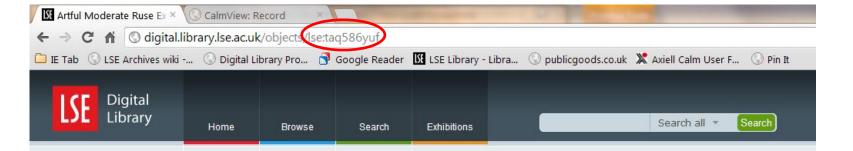
I'm an archivist, not a repository manager!



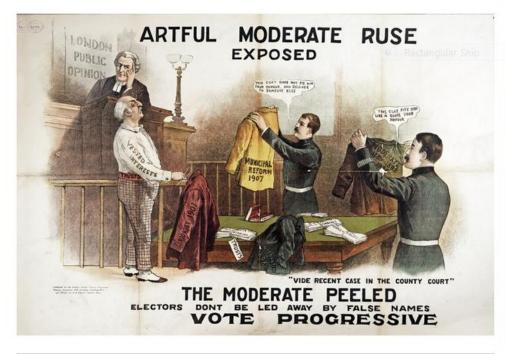
LSE's Digital Library

- Born-digital items, digitisation projects, e-theses, public lectures
- From the Library, the School, and beyond
- Developed by representatives from across the Library





Artful Moderate Ruse Exposed





Description

Progressive Party poster from the London County Council Election of 1907

This poster shows a court scene with a judge seated in the top left of the picture with 'London Public Opinion' written behind him. Below him is a portly man with 'Vested Interests' written upon his sleeve. To the right around a table, stand two policemen each holding up a jacket, and more jackets lay upon the table. The more central of the two policemen is saying 'This coat does not fit him your honour, and belongs to someone else'. Upon the coat he is holding is written 'Municipal Reform 1907'. The other policeman declares, 'This coat fits him like a glove your honour'. He is holding a coat marked 'Moderate'.

Burn New folder				
Michael James Add 3-6 ^	Name	Date modified	Туре	Size
Press for Change (M3700)	1936-05-29 Daily Herald Cutting.pdf	26/05/2006 10:55	Adobe Acrobat Do	298 KB
L Content	Apology to Eleanor Lynall by Ian Mayes in	04/07/1999 10:36	TIF Image	125 KB
L Audio Oct 2006	Apology to Eleanor Lynall by Ian Mayes in	04/07/1999 10:47	Microsoft Word 97	17 KB
L Outlook Archives	Background for Producers Guidelines upd	19/02/2004 20:11	Microsoft Word 97	53 KB
▶ PFC File Folders	BBC News ARCHIVE Transsexual Rights	15/07/2002 09:18	MHTML Document	139 KB
Academics	BBC NEWS Health Sex defect adults hap	07/09/2002 08:58	MHTML Document	129 KB
Archives pre 2002	Bindel Artwork.jpg	01/02/2004 22:14	JPEG Image	194 KB
Articles and Briefings Award Nominations	Blackpool Gazette - Sex Change Carer - 1	18/10/2007 08:25	Adobe Acrobat Do	65 KB
L Cartoons	Bye Alan, Hi Helen - Womans Day 19 Dec	19/03/2004 23:00	JPEG Image	265 KB
L Cases	Bye Alan, Hi Helen - Womans Day 19 Dec	19/03/2004 23:00	JPEG Image	317 KB
L Church	Christine Timbrell - Guardian.pdf	30/10/2005 09:19	Adobe Acrobat Do	124 KB
Consultations	Comment is free - The Guardian.doc	06/08/1999 09:35	Microsoft Word 97	28 KB
Court Judgements	Cover letter for PCC complaint re Dea Birk	17/08/1999 22:20	Microsoft Word 97	40 KB
▶ CRB	Daily Mail 24-Jan-06 Alzheimers Story.jpg	24/01/2006 21:12	JPEG Image	1.250 KB
▶ DfEE & WEU	Daily Mirror- Gay Talk Story.pdf	13/02/2006 17:55	Adobe Acrobat Do	230 KB
▶ DoH General	Deborah Orr - Gender should be a matter	16/04/2002 11:23	MHTML Document	88 KB
▶ DoH SOGIAG	diamond4.doc	30/08/1998 22:52	Microsoft Word 97	23 KB
Education	Dossier to PCC Code Committee.doc	23/11/2004 18:15	Microsoft Word 97	1,020 KB
Nealth and Sport ≡	Praft 01 - Dossier to PCC Code Committe	20/11/2004 19:37	Microsoft Word 97	7.690 KB
l History	Praft Proposal for PCC Guidance Note.doc	29/11/2003 16:20	Microsoft Word 97	51 KB
Nome Office	EmmaKo.txt	09/06/1998 23:31	Text Document	3 KB
ILGA	From Alan Milewczyk.txt	30/03/1999 15:43	Text Document	5 KB
lnsurance	From Alan Milewczyk.cct Full Complaint to BBC PCU re Brandon Tee	17/01/2004 20:47	Microsoft Word 97	20 KB
LCD - DCA	Grayson Perry - Guardian - 07-Jan-06.pdf	08/01/2006 11:39	Adobe Acrobat Do	20 KB 211 KB
Lists	Guardian Fax.tiff	01/07/1999 13:59	TIF Image	37 KB
Misc	Guardian Unlimited The Guardian Julie Bi	06/03/2004 19:41	MHTML Document	126 KB
l Pensions	icWales - Dian Parry - 01-Jan-06.pdf	02/01/2006 17:46	Adobe Acrobat Do	234 KB
♣ Press and PCC	Joella Holliday can marry but can't stay m	02/01/2006 17:46	Text Document	8 KB
♣ Press Releases	Letter to Chris Hayes at PCC.doc	02/12/1998 14:32	Microsoft Word 97	34 KB
L Site pages	Letter to Richard Caseby - Sunday Times	24/06/2006 11:03	Adobe Acrobat Do	34 KB 140 KB
L Templates			Microsoft Word 97	140 KB 556 KB
▶ Photos	Letter to Richard Caseby - Sunday Times	24/06/2006 08:42	Adobe Acrobat Do	95 KB
L Slide Sets L Video Resource Disc	Letter to Richard Caseby - Sunday Times Media Telephone Numbers.txt	24/06/2006 08:39 23/10/1997 23:24	Text Document	95 KB

60 items Offline status: Online Offline availability: Not available

Reinventing the wheel?





PIDs to the rescue!

- Compliance with best practice
- Designing and using a schema delivers greater control over files
- They aid long term preservation by the fact that they do not change
- PIDs can be used to unify objects and metadata

LSE Digital Library **Preservation Object Structures** v1.0 June 2012 PID: COR863BAF descriptiveMetadata identifierMetadata DC/MODS (XML) Persistent identifier (e.g. COR863BAF) relationshipMetadata External identifiers PID: COR863BAF RELS-EXT (RDF) (e.g. catalogue) descriptiveMetadata identifierMetadata DC/MODS (XML) Persistent identifier (e.g. COR863BAF) relationshipMetadata External identifiers RELS-EXT (RDF) (e.g. catalogue) PID: WUV983LOD BitStream PID: LAB183GES PID: QIX328PUR preservationMetadata preservationMetadata BitStream (n) PREMIS (XML) PREMIS (XML) rightsMetadata rightsMetadata PREMIS (XML) PREMIS (XML) technicalMetadata technicalMetadata ACCESS (optional) · [format dependent] · [format dependent] ACCESS REPOSITORY BitStream BitStream ORIGINAL (optional) PRESERVATION MASTER (required)

PRESERVATION REPOSITORY

ORIGINAL: the bitstream as deposited (or captured by digital imaging) PRESERVATION MASTER: a normalised format (or enhanced image) ACCESS: disposable (generated from the PRESERVATION MASTER)

Current object structures hedge on future migtation vs emulation approaches. Disposal/versioning of PRESERVATION MASTERs will be subject to policy.

Digitised: ORIGINAL = archival, PRESERVATION MASTER = enhanced Theses: ORIGINAL = submitted, PRESERVATION MASTER = redacted

What we needed

- PIDs that are:
 - Opaque (but not too opaque)
 - Long (but not too long)



"I didn't get to where I am today by waffling"





Points In Discussion

- Practical in Discoverability: PID format, transparency and length
- Pinning it Down: What gets a PID and when
- Resolvers: ARK, DOI, Handle, URN, NOID and PURL.



Conclusions

- More complicated than you might think!
- Most important thing is persistence



And finally...

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- e.robinson@lse.ac.uk

