

Streamlining Digitization Workflows with Samvera / ArchivesSpace Integration

ArchivesSpace Online Forum March 18, 2019

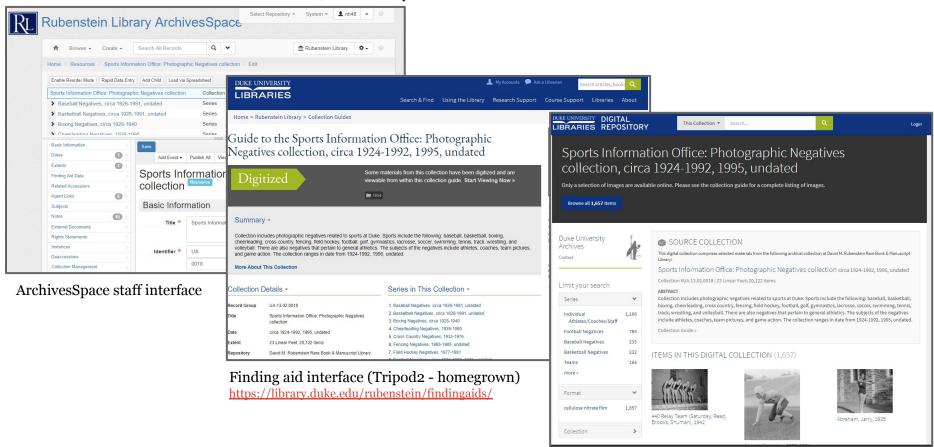
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http://bit.ly/duke-samvera-aspace

SYSTEMS IN USE AT DUKE



Samvera / Fedora Repository (Duke Digital Repository) https://repository.duke.edu/dc

DEFINE SYSTEMS OF RECORD!

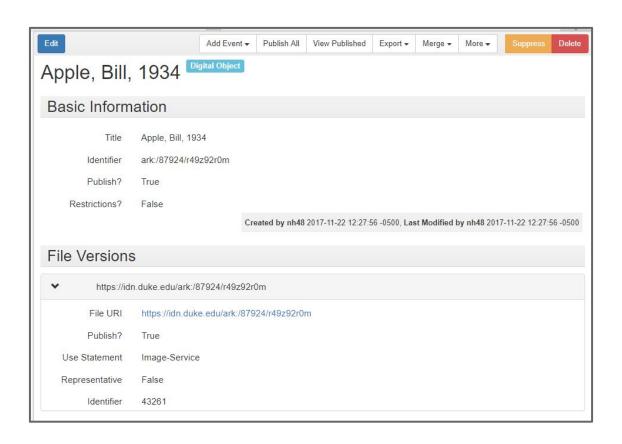
ArchivesSpace: system of record for description of **archival collections** and their component parts; description based on **DACS**

Duke Digital Repository (Samvera): system of record for metadata about **digital objects** / **files** (descriptive, technical, administrative)

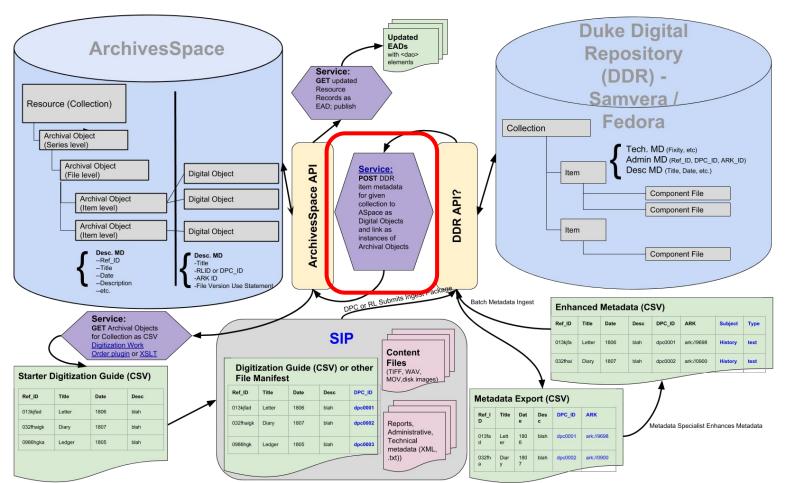
BUT WHAT'S THE POINT OF A DIGITAL OBJECT RECORD IN ARCHIVESSPACE?

- 1) To situate digital objects within the **context** of a collection
- 2) To embed or provide **links** to digital objects in finding aids

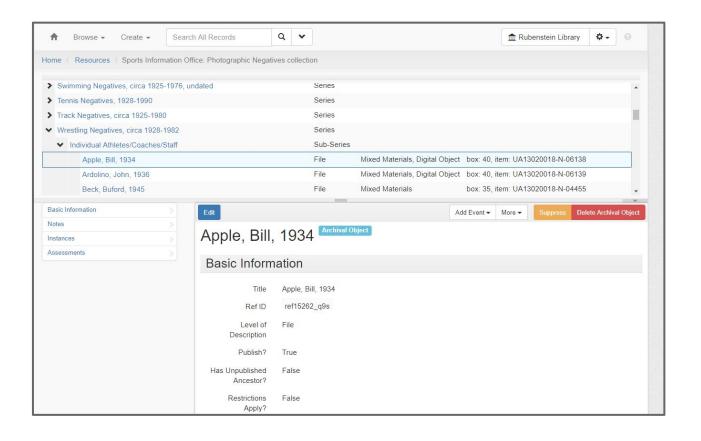
ANATOMY OF AN ARCHIVESSPACE DIGITAL OBJECT



DIGITIZATION WORKFLOW / SYSTEMS INTEGRATION



STEP 1: DESCRIBE MATERIALS IN ARCHIVESSPACE (DACS)



STEP 2: ARCHIVESSPACE → CSV "DIGITIZATION GUIDES"

2 ways to export folder or item metadata as CSV (spreadsheet):

1) Digitization Work Order Plugin:

https://github.com/hudmol/digitization work order

2) EAD \rightarrow XSLT \rightarrow CSV:

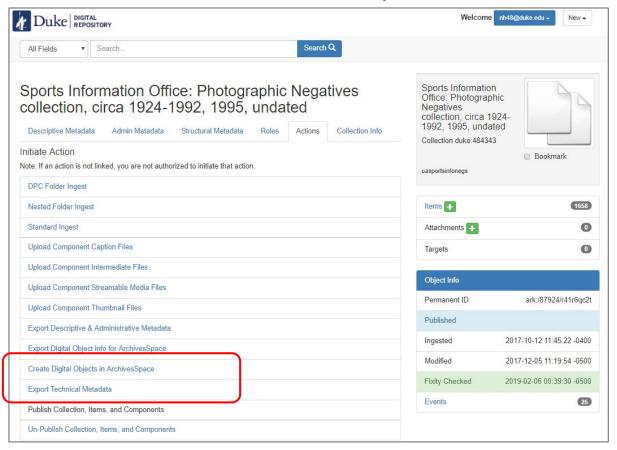
https://github.com/duke-libraries/archivesspace-duke-scripts/blob/master/xslt/aspace_dig_guide_creator.xsl

1	Α	В	С	D	E	F	G	Н
1	Resource ID	Ref ID	URI	Container Indicator 1	Container Indicator 2	Title	Series	Sub-Series
2	UA.13.02.0018	ref15262_q9s	/repositories/2/archival_objects/60160	40	UA13020018-N-06138	Apple, Bill, 1934	Wrestling Negatives	Individual Athletes/Coaches/Staff
3	UA.13.02.0018	ref15264_9ud	/repositories/2/archival_objects/60161	40	UA13020018-N-06139	Ardolino, John, 1936	Wrestling Negatives	Individual Athletes/Coaches/Staff
4	UA.13.02.0018	ref15266_vlh	/repositories/2/archival_objects/60162	35	UA13020018-N-04455	Beck, Buford, 1945	Wrestling Negatives	Individual Athletes/Coaches/Staff
5	UA.13.02.0018	ref15267_3gj	/repositories/2/archival_objects/60163	40	UA13020018-N-06140	Brewer, P. O. [Pierce] "Kid" and "	Wrestling Negatives	Individual Athletes/Coaches/Staff
6	UA.13.02.0018	ref15269_5zs	/repositories/2/archival_objects/60164	40	UA13020018-N-06141	Brown, James W., Jr., 1935	Wrestling Negatives	Individual Athletes/Coaches/Staff

STEP 3: CSV + FILES = INGEST PACKAGE (SIP) \longrightarrow INGEST IN DIGITAL REPOSITORY

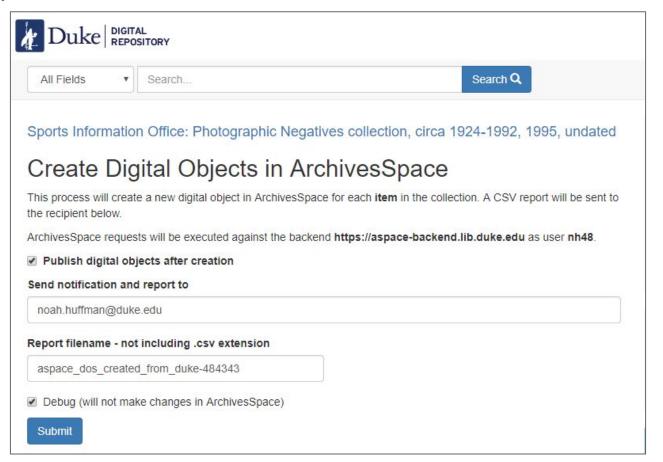
ASpace component ref_ids stored in repository Duke DIGITAL REPOSITORY Duke REPOSITORY Search Q All Fields ▼ Search... ▼ Search.. Search Q All Fields Apple, Bill, 1934 Apple, Bill, 1934 Descriptive Metadata Admin Metadata Structural Metadata Roles Actions Descriptive Metadata Admin Metadata Structural Metadata Roles Actions Download N-Triples Edit Extent 1 negative Archives Space ID ref15262 q9s Extent 4x5 Display Format **Format** cellulose nitrate film EAD ID uasportsinfonegs UA13020018-N-06138 Identifier 2017-10-12T20:42:16Z Ingestion Date Rights https://creativecommons.org/licenses/by-nc-sa/4.0/ Local ID dsist040291 Series Wrestling Negatives Permanent ID ark:/87924/r49z92r0m Series Individual Athletes/Coaches/Staff Permanent URL https://idn.duke.edu/ark:/87924/r49z92r0m Title Apple, Bill, 1934 Workflow State published

STEP 4: REPOSITORY -> ARCHIVESSPACE (VIA API)



Screenshot of collection object in Duke Digital Repository Staff Interface

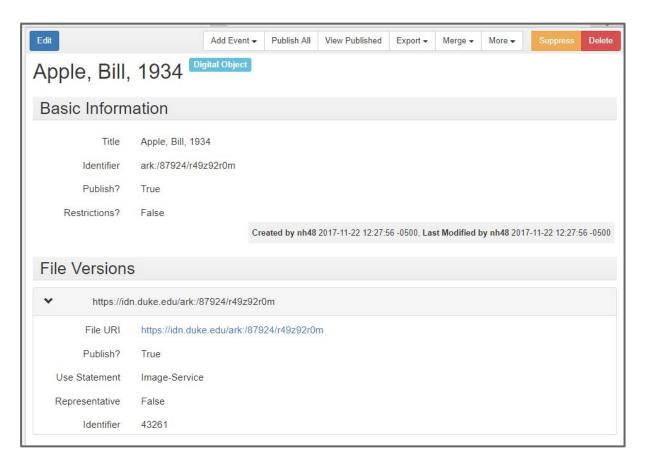
STEP 4 (CONT): REPOSITORY -> ARCHIVESSPACE



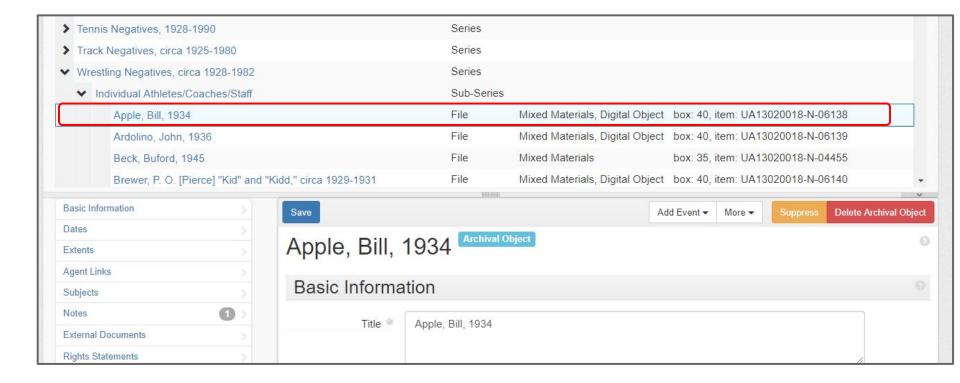
SAMPLE LOG / REPORT OF ASPACE API IMPORT JOB

\mathcal{A}	A	В	C	D	E	F	G	Н	1	J	K
1 re	epo_id	ref_id	digital_object_id	digital_object_title	file_uri	use_statement	archival_object_uri	digital_ob	ject_ outcome	published	user
2 d	uke:557632	ref17_g4q	ark:/87924/r4sn04c9p	Abraham's Daughter	https://idn.duke.edu/ark:/87924/r4sn04c9p	image-service	/repositories/2/archival_objects/89961	/repositor	es/2 SUCCESS	TRUE	nh48
3 d	uke:558343	ref18_g6s	ark:/87924/r42r3s632	Abraham's Daughter	https://idn.duke.edu/ark:/87924/r42r3s632	image-service	/repositories/2/archival_objects/89962	/repositor	es/2 SUCCESS	TRUE	nh48
4 d	uke:558547	ref19_3z9	ark:/87924/r4c24tx54	Abraham's Daughter	https://idn.duke.edu/ark:/87924/r4c24tx54	image-service	/repositories/2/archival_objects/89963	/repositor	es/2 SUCCESS	TRUE	nh48
5 d	uke:557641	ref20_wcw	ark:/87924/r4kw5bs90	After the Battle, Mother	https://idn.duke.edu/ark:/87924/r4kw5bs90	image-service	/repositories/2/archival_objects/89964	/repositor	es/2 SUCCESS	TRUE	nh48
6 d	uke:557556	ref21_d98	ark:/87924/r4z31rx7r	America	https://idn.duke.edu/ark:/87924/r4z31rx7r	image-service	/repositories/2/archival_objects/89965	/repositor	es/2 SUCCESS	TRUE	nh48
7 d	uke:587852	ref22_kgi	ark:/87924/r44t6jn8v	America	https://idn.duke.edu/ark:/87924/r44t6jn8v	image-service	/repositories/2/archival_objects/89966	/repositor	es/2 SUCCESS	TRUE	nh48
8 d	uke:558356	ref23_3eq	ark:/87924/r4v40p802	American Liberty	https://idn.duke.edu/ark:/87924/r4v40p802	image-service	/repositories/2/archival_objects/89967	/repositor	es/2 SUCCESS	TRUE	nh 48
9 d	uke:557908	ref24_zzo	ark:/87924/r4gf0r53p	The American Star!	https://idn.duke.edu/ark:/87924/r4gf0r53p	image-service	/repositories/2/archival_objects/89968	/repositor	es/2 SUCCESS	TRUE	nh48
0 d	uke:557619	ref25_kfp	ark:/87924/r4sq8ts4n	American Star	https://idn.duke.edu/ark:/87924/r4sq8ts4n	image-service	/repositories/2/archival_objects/89969	/repositor	es/2 SUCCESS	TRUE	nh48
1 d	uke:558220	ref26_fdk	ark:/87924/r4vd6sd80	The American Star	https://idn.duke.edu/ark:/87924/r4vd6sd80	image-service	/repositories/2/archival_objects/89970	/repositor	es/2 SUCCESS	TRUE	nh48
2 d	uke:557686	ref27 afa	ark:/87924/r4tx38g0j	The American Star	https://idn.duke.edu/ark:/87924/r4tx38g0j	image-service	/repositories/2/archival objects/89971	/repositor	es/2 SUCCESS	TRUE	nh48

DIGITAL OBJECT RECORD IN ARCHIVESSPACE

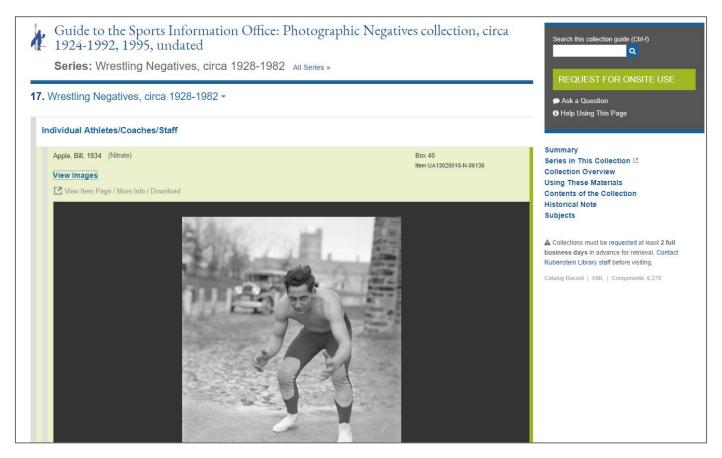


DIGITAL OBJECT LINKED TO ARCHIVAL OBJECT (CONTEXT)



STEP 5: EXPORT / PUBLISH EAD WITH DAOS

PUBLISHED FINDING AID WITH EMBEDS / LINKS



REPOSITORY VIEW - "VIEW IN CONTEXT" LINKS



LINKS AND SUCH

- Samvera to ArchivesSpace service in DUL Hydra Github repo: https://github.com/duke-libraries/dul-hydra/tree/develop/app/services/archives_space
- Python Script for batch creating / linking digital objects in ASpace from CSV: https://github.com/duke-libraries/archivesspace-duke-scripts/blob/master/python/duke-update-archival-object.py
- Digitization work order plugin: https://github.com/hudmol/digitization work order
- Bitcurator to ASpace Toolkit: https://github.com/BitCurator/bc to aspace toolkit

THANKS!