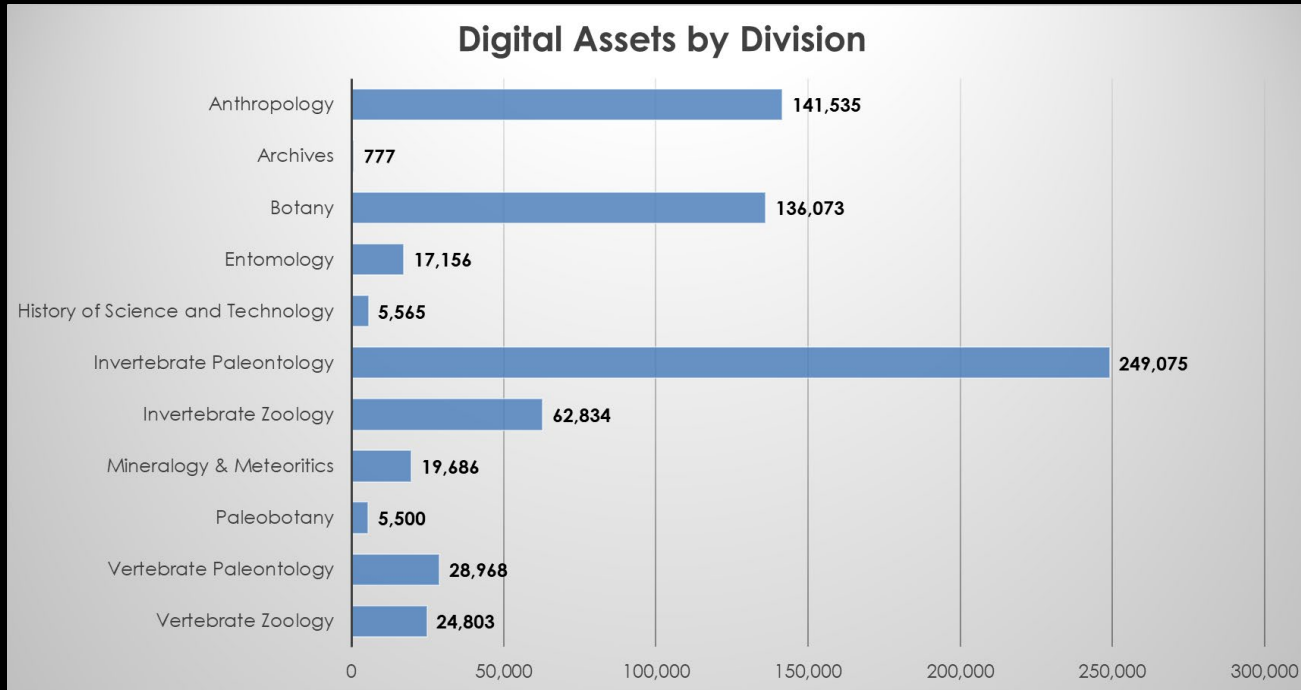


# Scalable Digital Asset Management for 3D Data

Nelson Rios

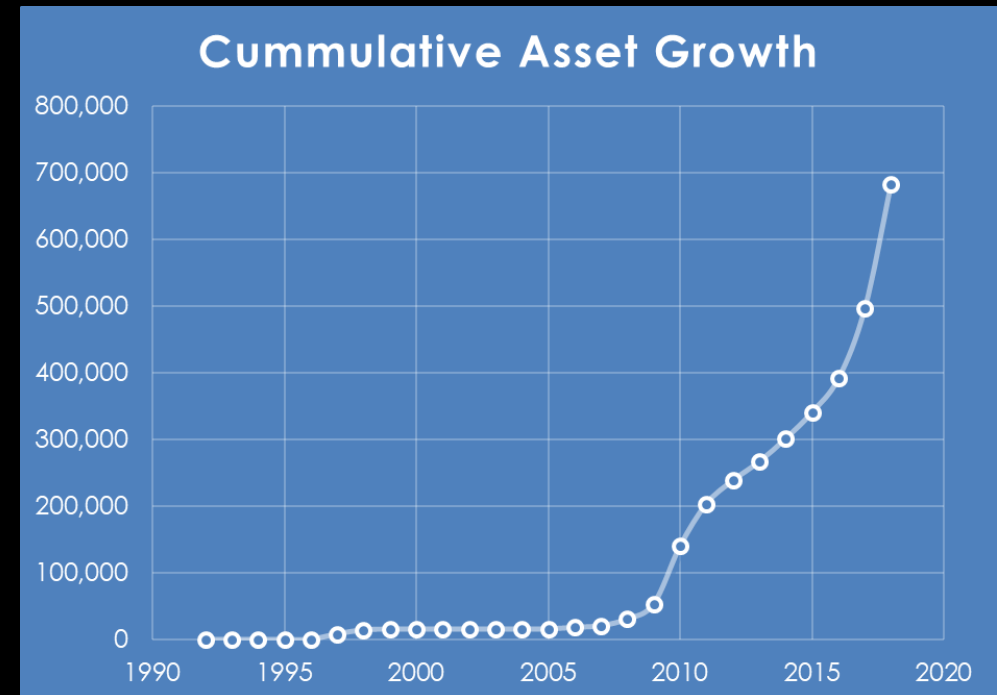
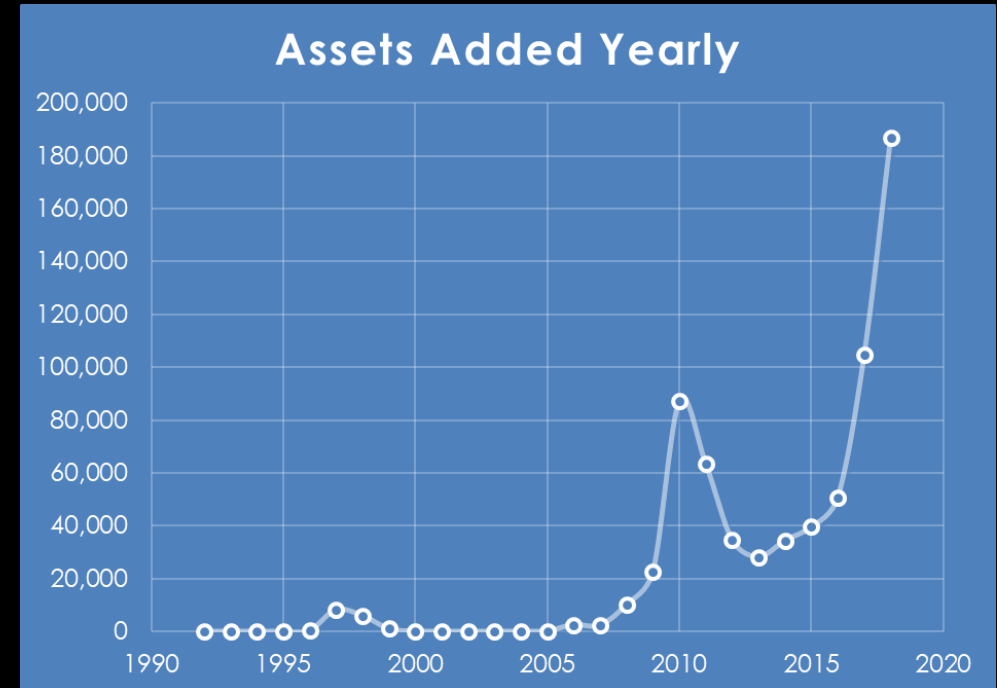
Yale Peabody Museum

# Traditional Data Store

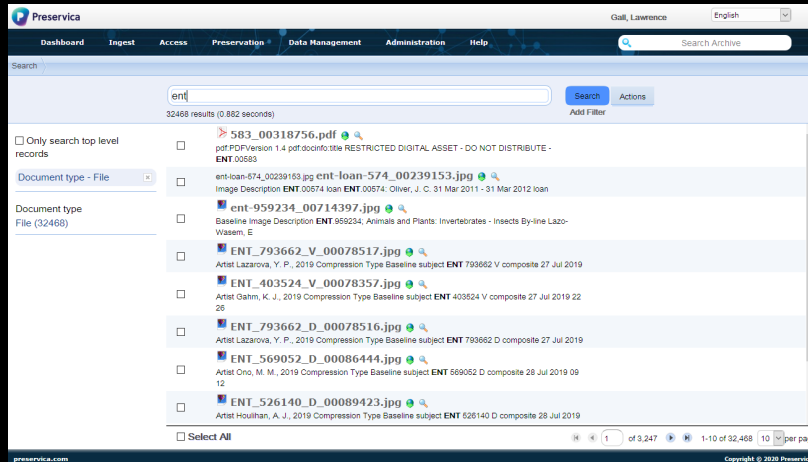


Images, Audio, Video & Documents  
97% are images

710K images  
10TB

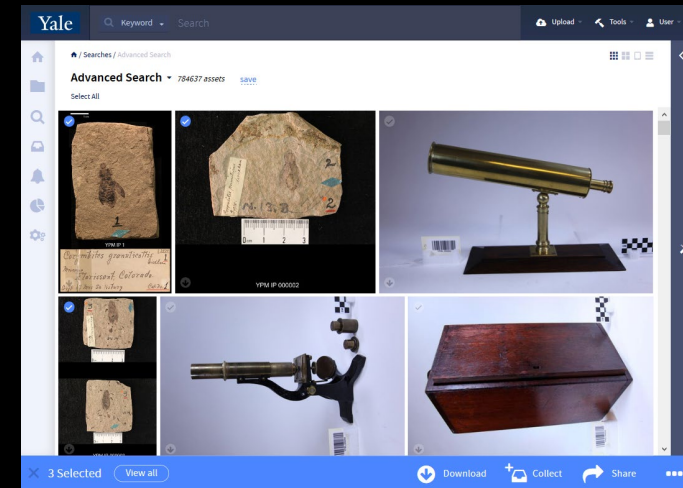


# Two Systems



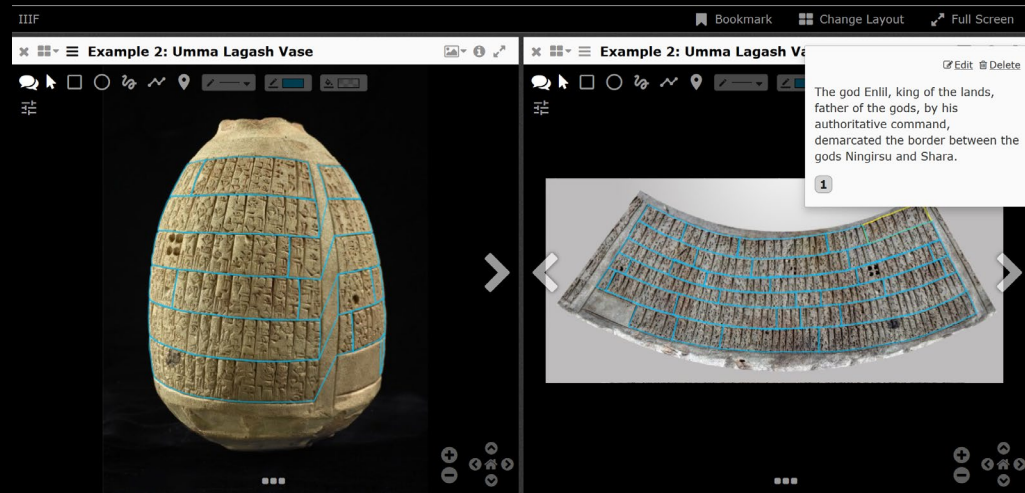
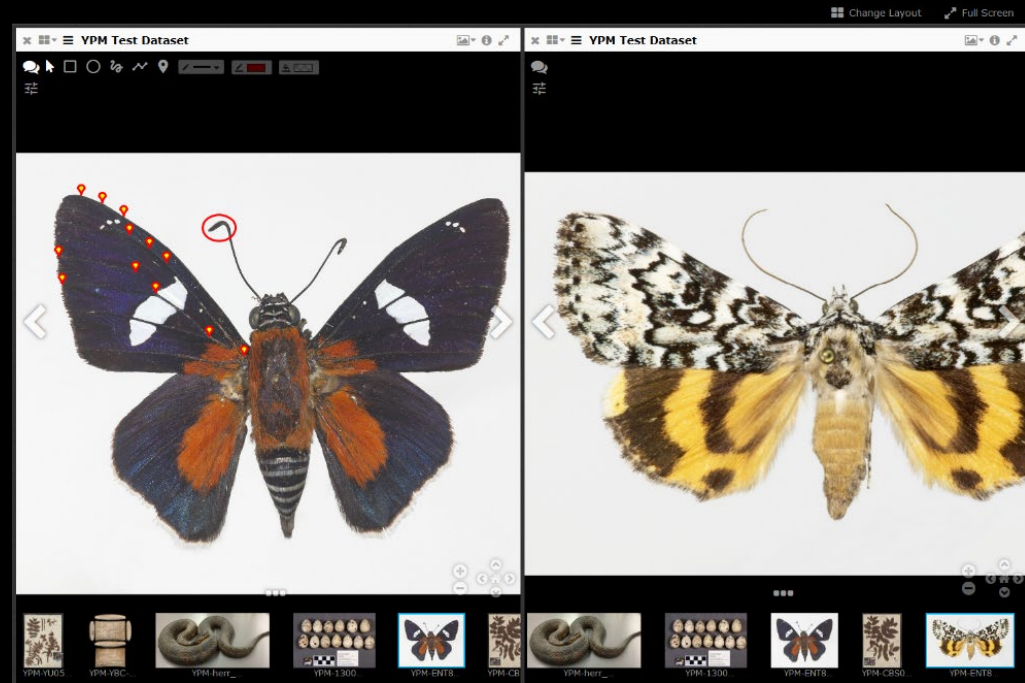
## Digital Preservation System (DPRES)

- back-end archive that safeguards the master versions of those digital assets



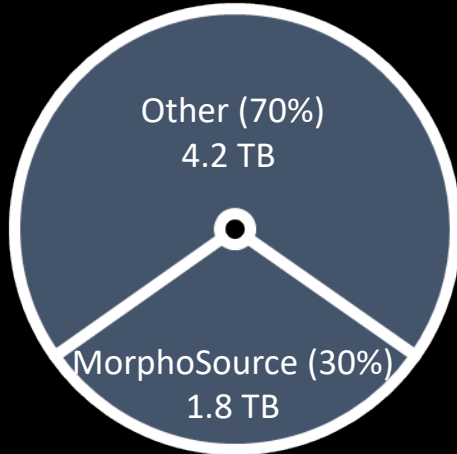
## Digital Asset Management System (DAMS)

- discovery environment
- access copies of digital assets
- masters available from Preservica via NetX

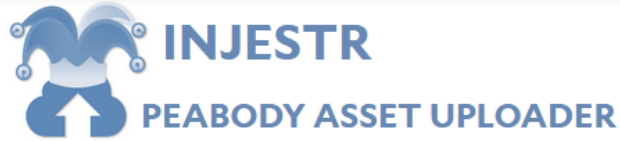
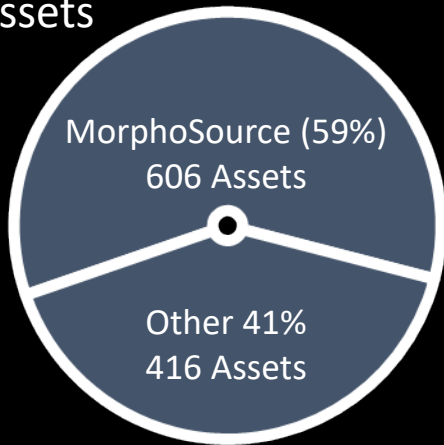


# Large Object Data Store

6 TB Storage



1022 Assets



1. SET DESTINATION 2. SELECT/UPLOAD 3. SUBMIT

SELECT:  GRAPHICS  EMU/NETX  WASABI

Private/Embargoed Data?  NO

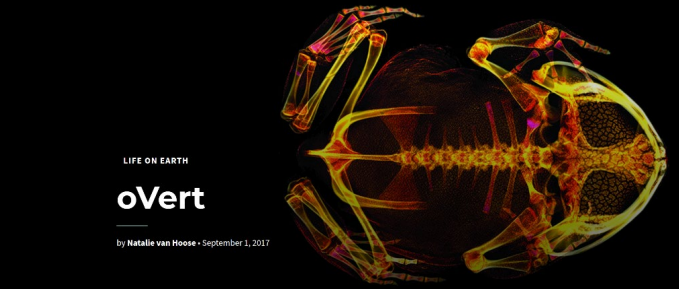
Upload Type:  STANDARD  BATCH  MORPHOSOURCE

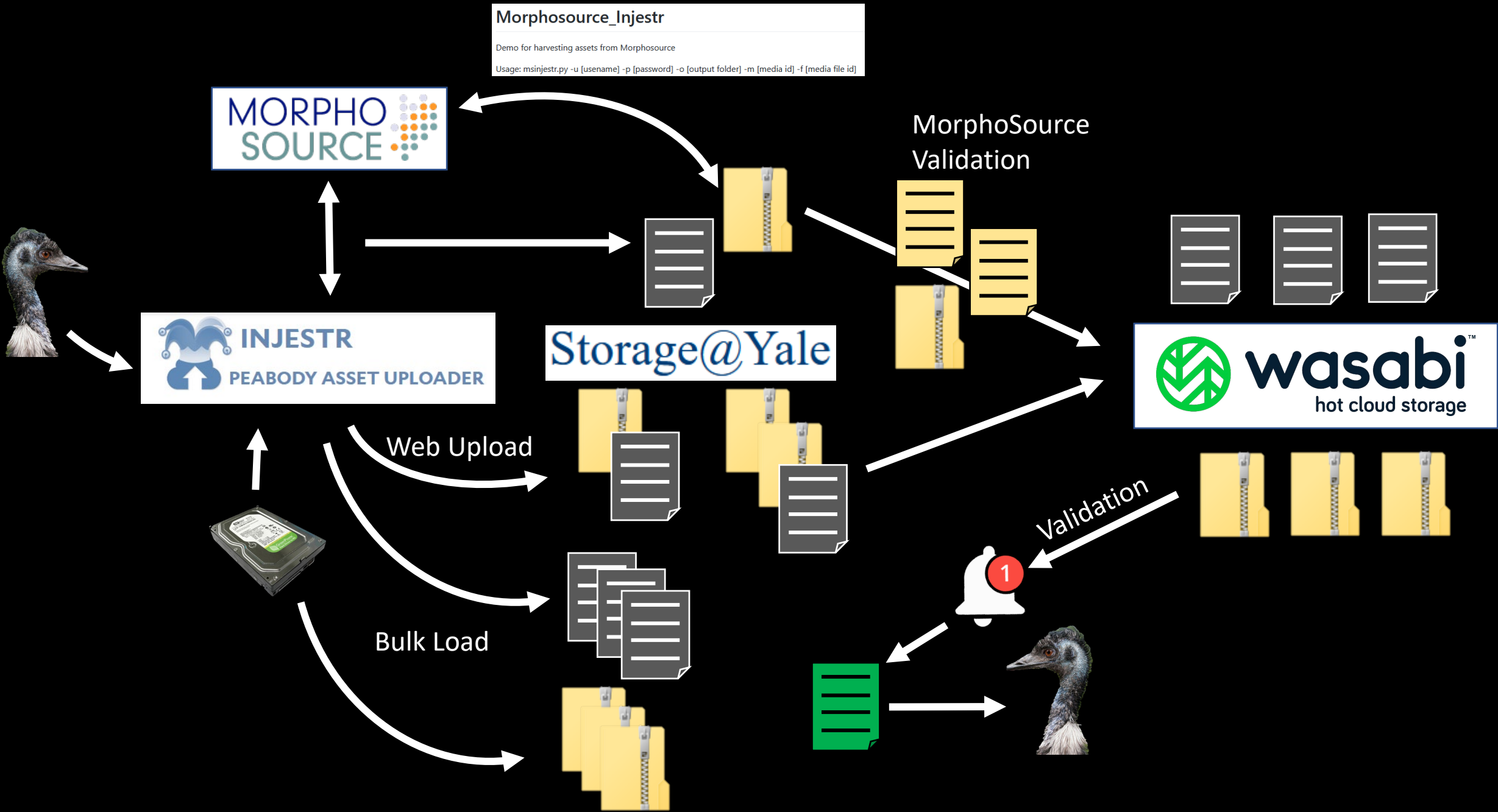
Standard wasabi upload path: one catalog number with file upload.

Enter EMu catalog number

SELECT MEDIA +

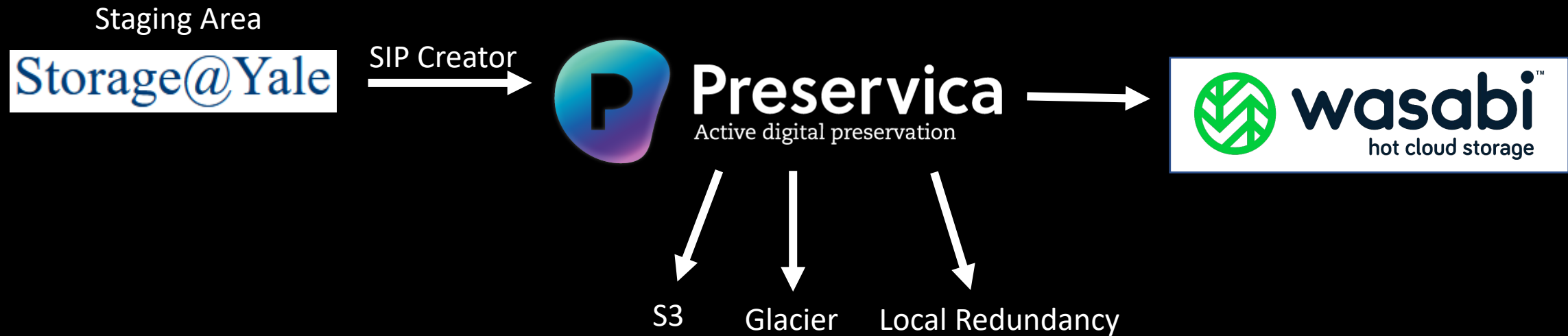
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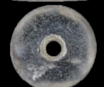
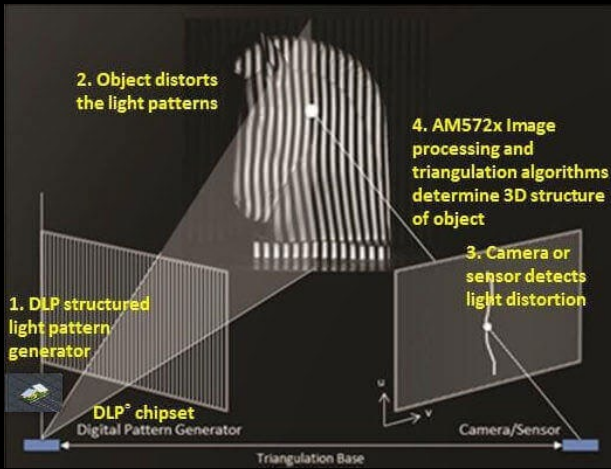
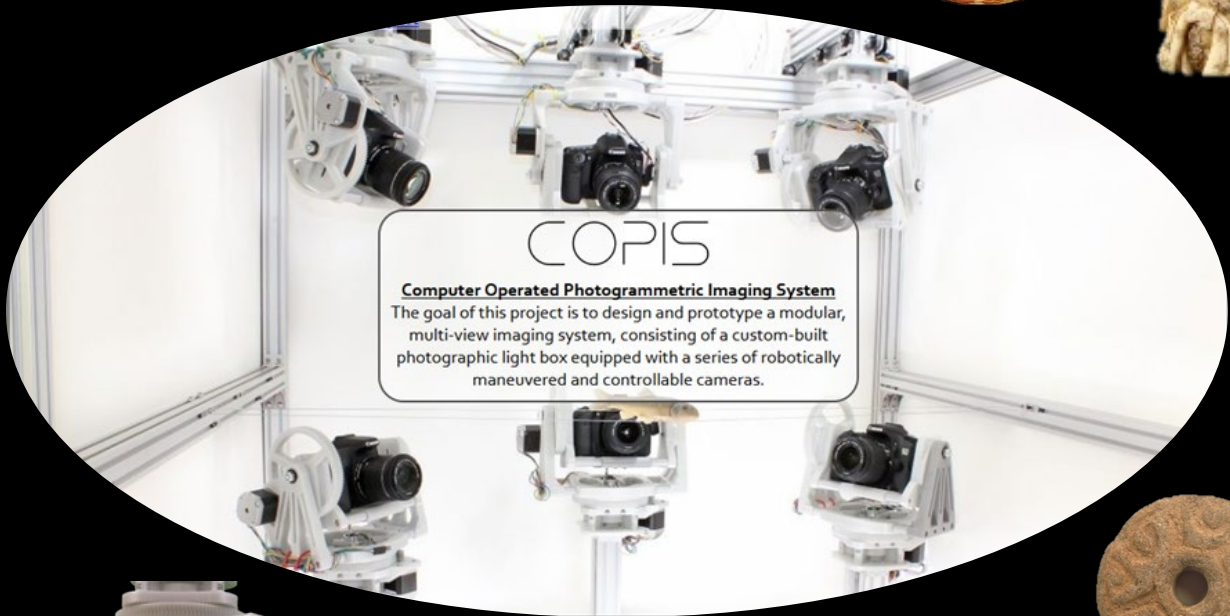
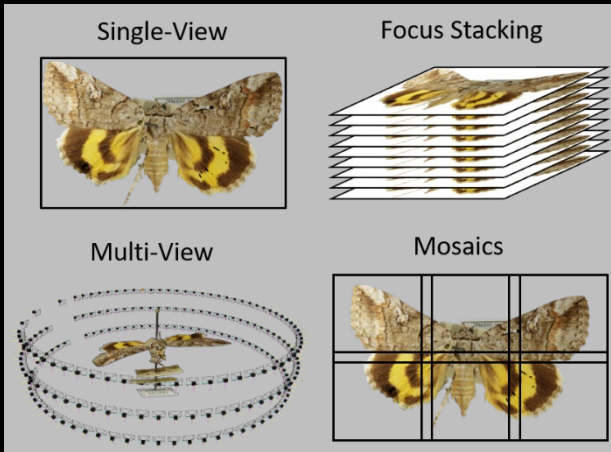


# Moving Forward

- Wasabi Backend for Preservica

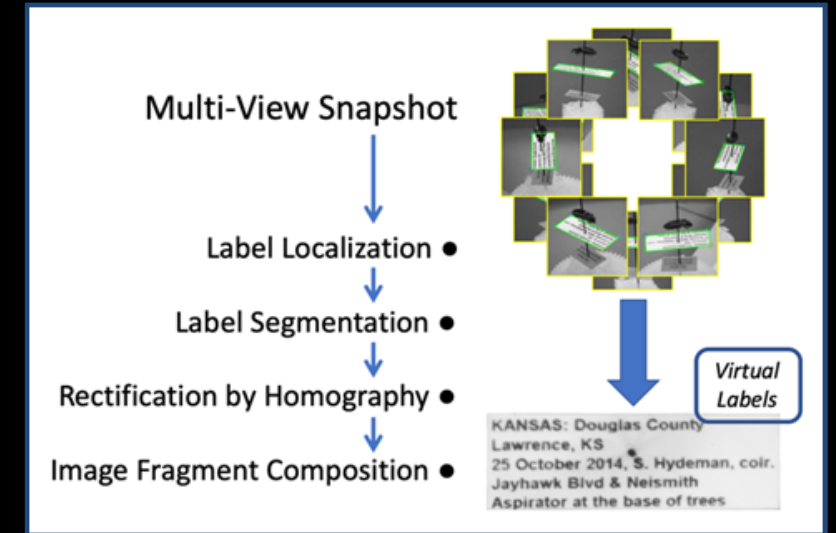
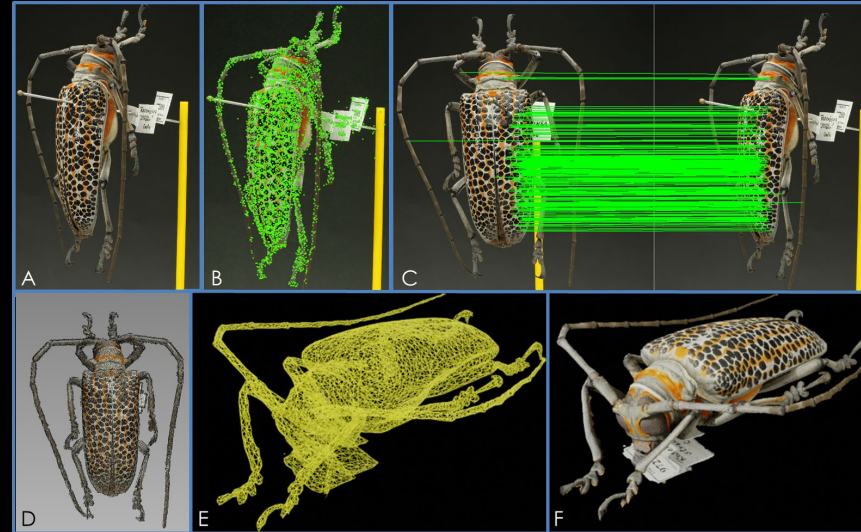
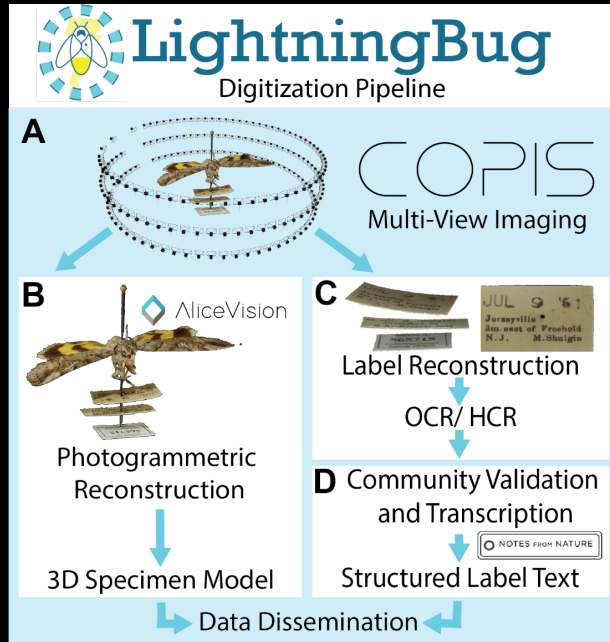


# Beyond CT: Multi View & Structured Light Imaging For 3D Reconstruction





# Enabling Interoperability Across Repositories



- 1) media records backed by **remote media URLs**, including automated file characterization and generation of **derivative web-viewable assets** from remote media files;
- 2) verification and maintenance of remote-backed media record **integrity**;
- 3) ability to **download** single remote-backed media files and multiple standard and/or remote-backed media files via MorphoSource download workflows.

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- 2) verification and maintenance of remote-backed media record integrity;
- 3) ability to download single remote-backed media files and multiple standard and/or remote-backed media files via MorphoSource download workflows.



Questions?