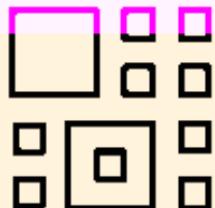




PRAXIS 4



□ □ □ Archiving and Preservation in
DWeb [pair with Session 6]

Sat. Apr 13: 10:00am-1:00pm PT

Educator:

Regina Harsanyi



OUTLINE

- 00:00 - 00:00** Activity 1 – Sharing: The works students brought today to add to IPFS (20 mins)
- 00:00 - 00:00** Demonstration: Born-digital and digitized preservation practices (20 mins)
- 00:00 - 00:00** Break (10 mins)
- 00:00 - 00:00** Activity 2 – Discussion: Students discuss how they will be preparing them for upload to the decentralized web (20 mins)
- 00:00 - 00:00** Activity 3 – Sharing: Students sharing how they have organized their files to receive feedback and finish organizing before upload (20 mins)
- 00:00 - 00:00** Demostration: How to run a checksum (? mins)
- 00:00 - 00:00** Activity 4: Download IPFS for Desktop and CLI (? mins)
- 00:00 - 00:00** Activity 5: Students upload their files to IPFS (? mins)
- 00:00 - 00:00** Activity 6: Students upload each others' files to IPFS (? mins)
- 00:00 - 00:00** Activity 7 – Discussion: Further steps to take to ensure fixity, redundancy, and access (? mins)

20
mins

ACTIVITY 1

What file(s) did you bring today?

Please share your name and the title, type and codec of the file(s) you bring

Title:
Type:
Codec:

10-MIN BREAK

mins

Born-digital and digitized preservation practices

DEMO

20
mins

Preparing files for upload to the dweb

ACTIVITY 2

In this activity, you will be divided into 3 break-out groups



Videos

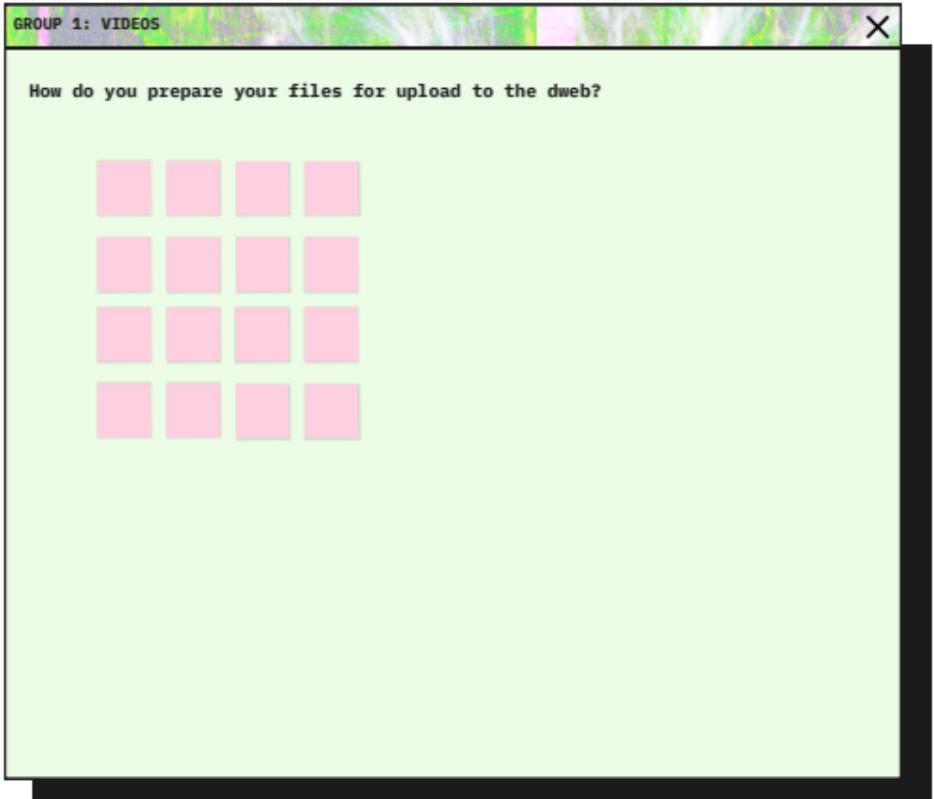


Still images

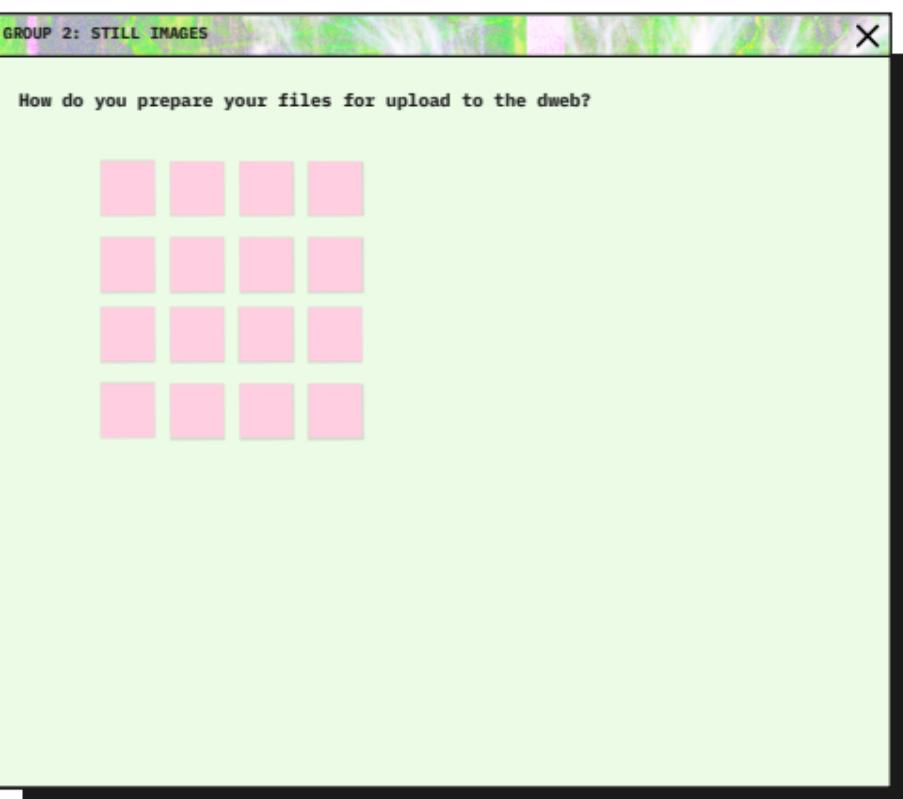


Complex variable media

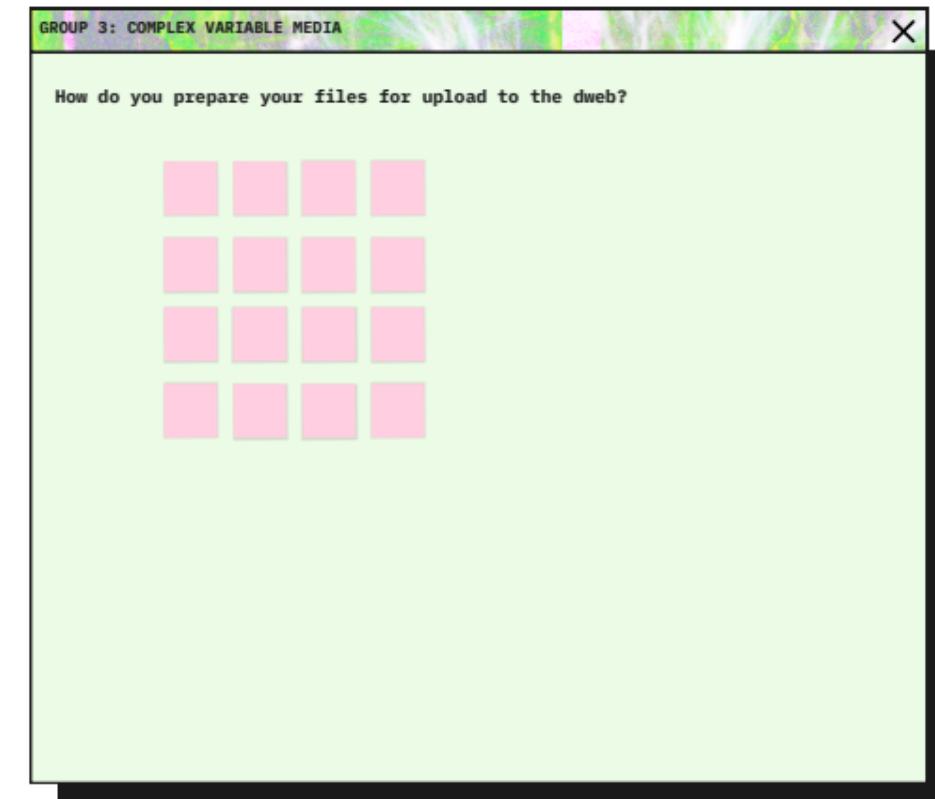
GROUP 1: VIDEOS



GROUP 2: STILL IMAGES



GROUP 3: COMPLEX VARIABLE MEDIA



Organizing files + feedback

20 mins

ACTIVITY 3

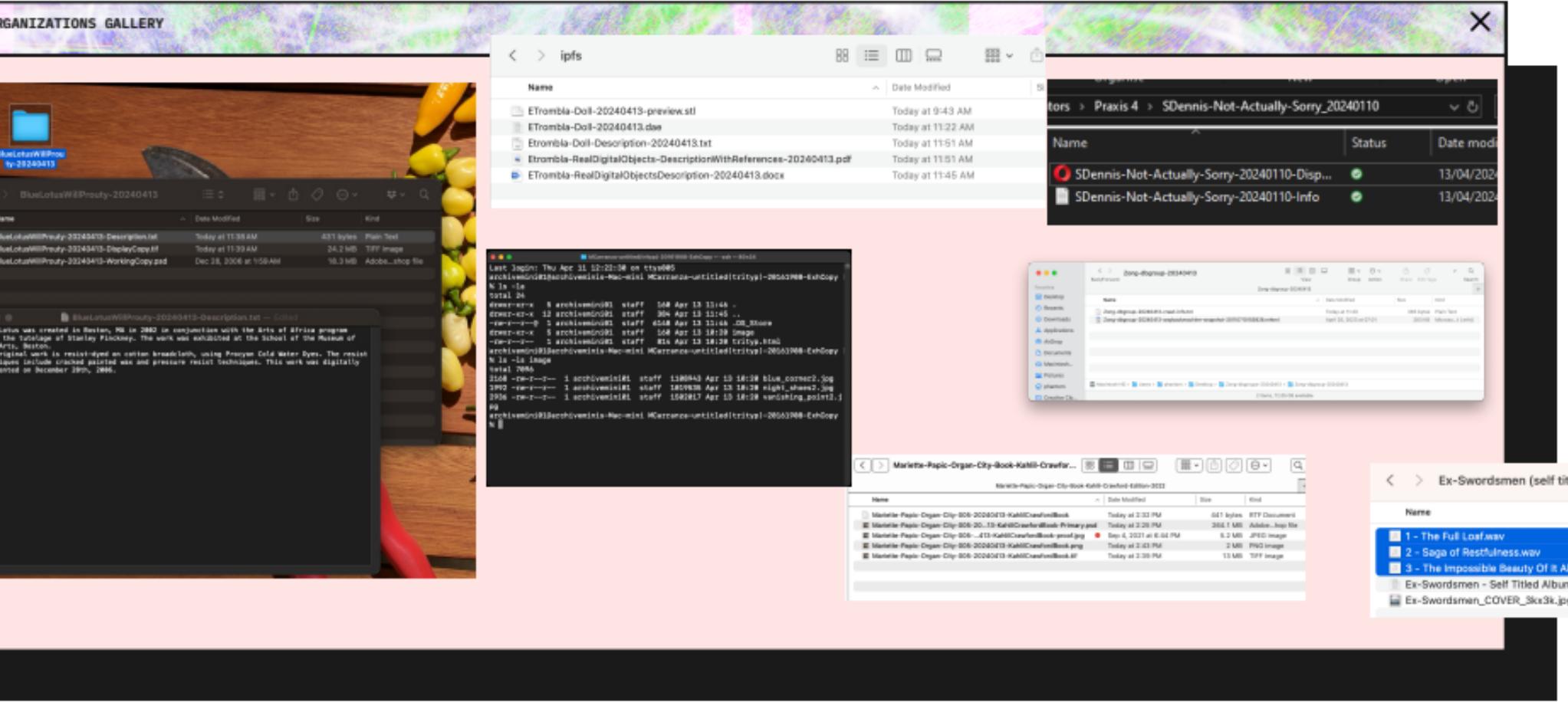
In this activity, we'll share how we organize our files and give each other feedback

Step 1: Take a screenshot of the files you have prepared for this class in its folders on your devices

Step 2: Drag and drop the image(s) onto Miro. If that doesn't work, click on the "Upload" button (vertical arrow in a box) to upload your image(s).

Step 3: Resize the screenshots as needed and move it inside the designated gallery board on the right side

Drop your screenshots here!



HOW TO RUN A CHECKSUM

FOR WINDOWS

Get-FileHash -Path "filename.extension" -Algorithm SHA256

mins

FOR MAC

DEMO

shasum -a 256

Hit the spacebar once. Do not hit return/enter

Drag that file onto the text line that you just typed. It then may read something like:
"shasum -a 256 /Users/mccoy/Downloads/draft\ 1.tiff "

You will see a line that looks something like this:

"765182c0592c684442c2273e485da7bdf1f5f78317ff8d83b230eb59c6e7c43f
/Users/mccoy/Downloads/draft 1.mp4"

mins

ACTIVITY 4

Downloading IPFS for Desktop and CLI

[https://docs.ipfs.eth.
link/install/comman
d-line/#official-
distributions](https://docs.ipfs.eth.link/install/command-line/#official-distributions)

[https://docs.ipfs.tech
/install/ipfs-
desktop/#windows](https://docs.ipfs.tech/install/ipfs-desktop/#windows)

Uploading files to IPFS

mins

ACTIVITY 5

`ipfs add -r FolderName`

`ipfs pin add <Folder-CID>`

`check: ipfs pin ls`

mins

Uploading each other's files to IPFS

ACTIVITY 6

`ipfs pin add <Folder-CID>`

`ipfs pin add <CID>`

ACTIVITY 7

mins

DISCUSSION: Further Steps

Further steps to take
to ensure fixity,
redundancy, and
access

Notes

