Bridging the Gap
Bringing End Users Closer to Digital Objects

The J. Willard Marriott Library's Representation of 360-Degree Objects

The J. Willard Marriott Library?

A great place to do research, study, for gallery strolls, and even sleep!

The Digital Library - *Snapshot*

- Showcases a wide variety of materials:
  - Subject matter/media
    - Digital photographs, newspapers, maps, books, audio recordings, and various other formats items.
  - Over 450 Digital Collections
  - Over 2.5 million Digital Objects, and growing...
    - UDN = 1.5 million pages (18 million articles)
    - CDMbuntu = 1 million objects
    - Highest no. of objects in CDM, anywhere
  - Media types
    - Images (including zoomable image files), pdfs, A/V, map files, interactive 3-d files, and many more

The Question We Ask Ourselves Often

- Rare Books Scanning

  Close-ups of
  - fore-edge
  - spine
  - cover

Future Trends/Shifting Trends in Libraries

- Definition of the book is changing
  - E-book has arrived
  - Flexible content with multi-media becoming more important
  - Traditional monograph (all physical books) less popular
- User behaviors are changing
  - Constantly connected / Everything on my phone
  - Digital Natives are growing as a group, having more influence
- Web access is ubiquitous
  - Provides for interaction, immediate dissemination

Looking towards the future…

- Our DAMS (content management system)

- Is what we have been using sufficient for an ever growing digital library?

Patron Satisfaction
Survey results…We must be doing something right!

UDN
- Overall good/excellent   81%
- Genealogists   63%
- Accuracy good/excellent 64%
- Will return soon   77%
- More knowledge of fam hist   62%
- Found new sources   66%
- From outside Utah   42%
- First time visitors   25%
- At least monthly   55%
- Most frequent suggested improvement:
  ADD MORE CONTENT

All Other Collections
- Overall good/excellent   72%
- Navigation good/excellent   72%
- Site layout good/excellent   76%
- Positive feedback on UI   72%
- Relevant, accurate searches   63%
- First time visitors   53%
- At least monthly   25%
- Most frequent suggested
   improvement:
  ADD MORE CONTENT

It came to us while...
Shoe Shopping!

- E-commerce use

- Setups include turntable technology

- Allow for HTML JavaScript output files

- Work on virtually all platforms (including hand-held devices)

- 360-degree views of artifacts/ e-commerce items
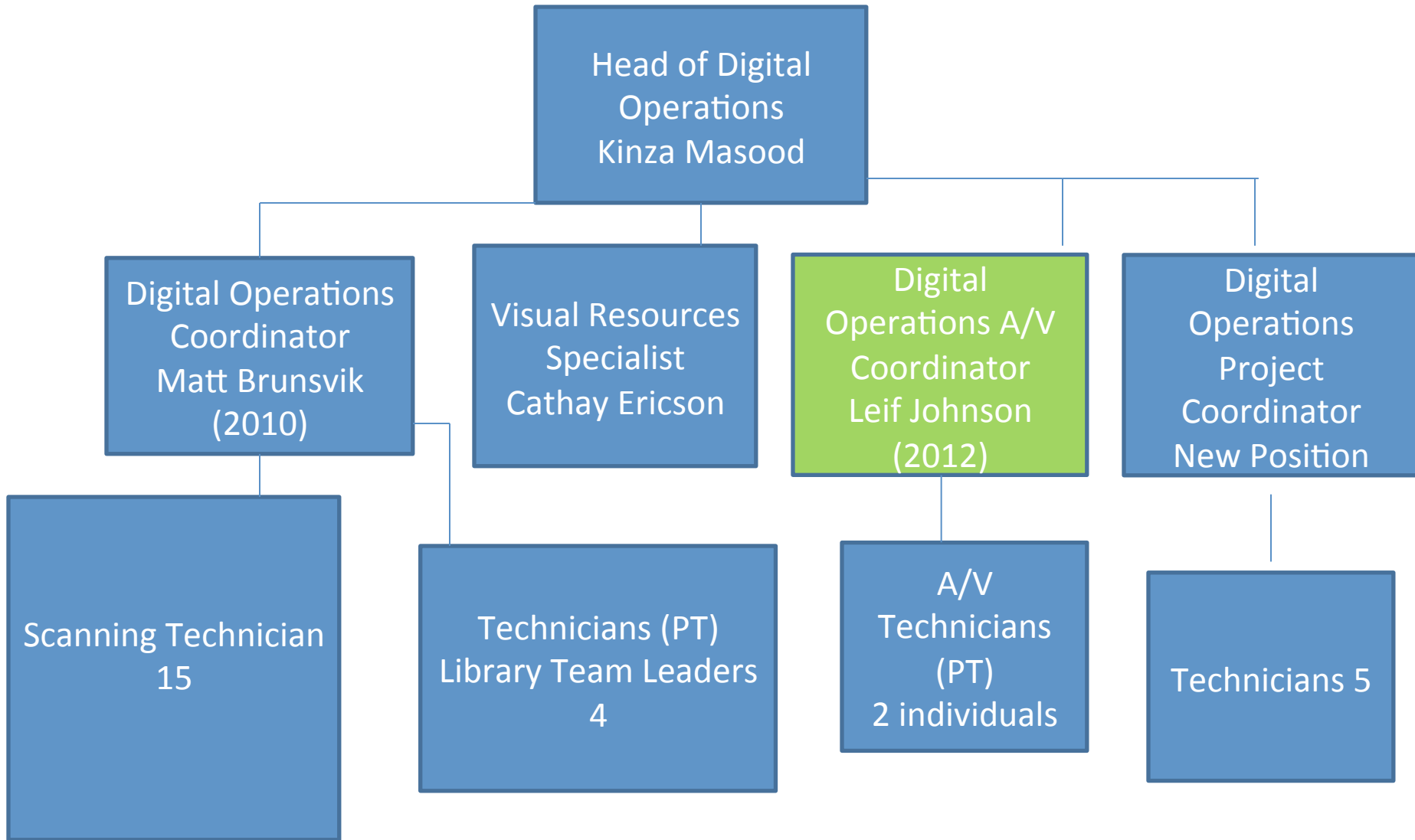
Getting Started

- There were so many questions!
  - Equipment?
  - Software?
  - Which vendor?
  - Personnel?
  - Budget?
  - Were we making the right decision?
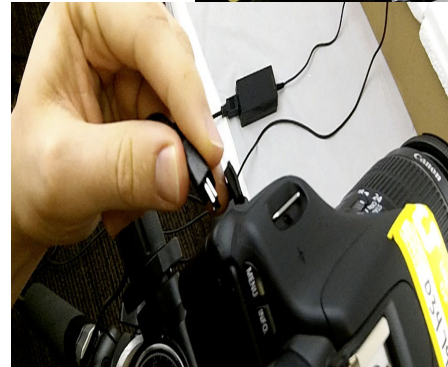 - Early investigation started in 2011
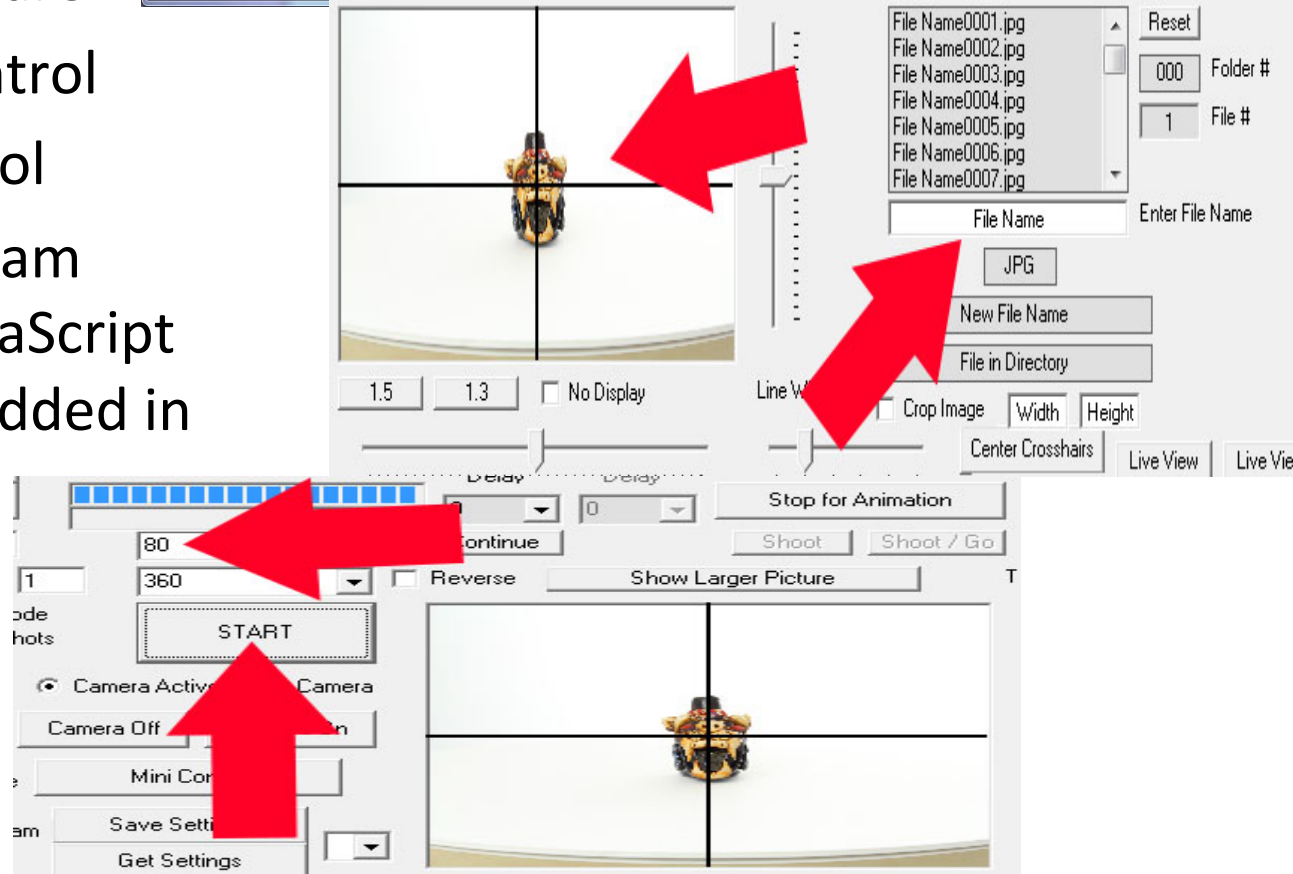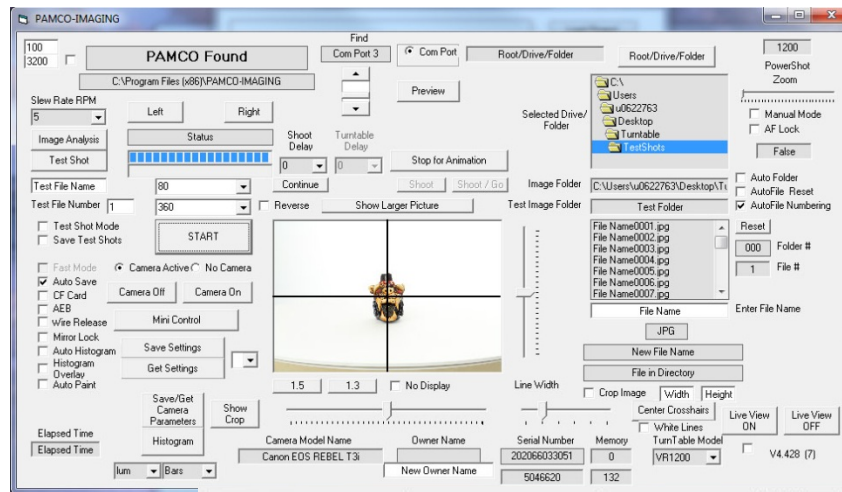
Dig Ops (Department Expansion)

The 360-Degree Photography Set-Up

- The Equipment:
  - Tripod
  - Backlight
  - Turntable
  - Tent
  - Camera
  - Camera-to-usb connection

- *Software*
  - Custom software
  - Turntable control
  - Camera control
  - Custom program generates JavaScript (can be embedded in web pages)

How are we using this process?

- Park City Historical Society and Museum

A modern-day, clay Jaguar-Head whistle

- http://content.lib.utah.edu/custom/turntable/_SpinHeadband/index.htm

- http://content.lib.utah.edu/custom/turntable/_SpinLunchBox/index.htm

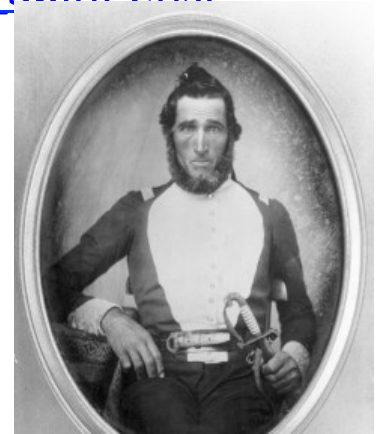- http://content.lib.utah.edu/custom/turntable/_SpinMapCup_tinted/index.htm

- http://content.lib.utah.edu/cdm/singleitem/collection/uu-pchsp/id/34

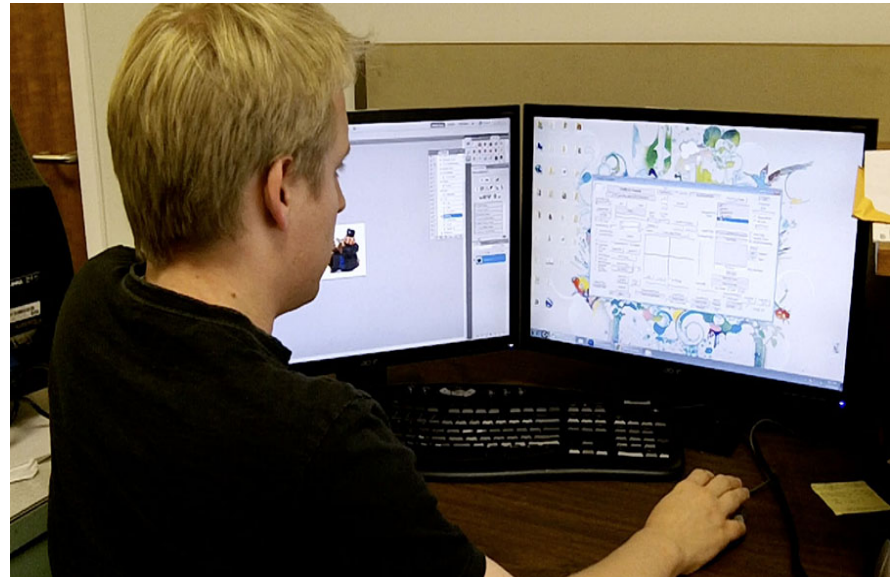http://home.utah.edu/~u0622763/

Marriott Library Special Collections

- ## Project- Digitizing diaries of early Mormon pioneers
  B.H. Roberts, Frederick Kesler, etc. Handwritten. 19th century

- ## Collection- American Westward Migration
  Diaries, maps, trails of Mormon pioneers from their westward migration. Early 1800s

- http://content.lib.utah.edu/custom/turntable/_SpinHat/index.htm

- http://content.lib.utah.edu/custom/turntable/_SpinPens/index.htm

Some additional details

- Breakdown for how long processing an artifact takes

- Pre-scan / artifact prep: 15 to 30 minutes
    - (additional time) If artifact requires cleaning or other special considerations

- Scanning:
    - 6 minutes for 80 shots
    - 5 minutes for 60 shots

- Post-scan: 25 minutes for all stills and java script file

- CDM Upload: 5-15 minutes

- Total time - 50-60 minutes
    - It could go up to 90 + minutes for special considerations

Online Webinar

Want to know how we do this?

Questions?

kinza.masood@utah.edu