

Avalon Update 2018

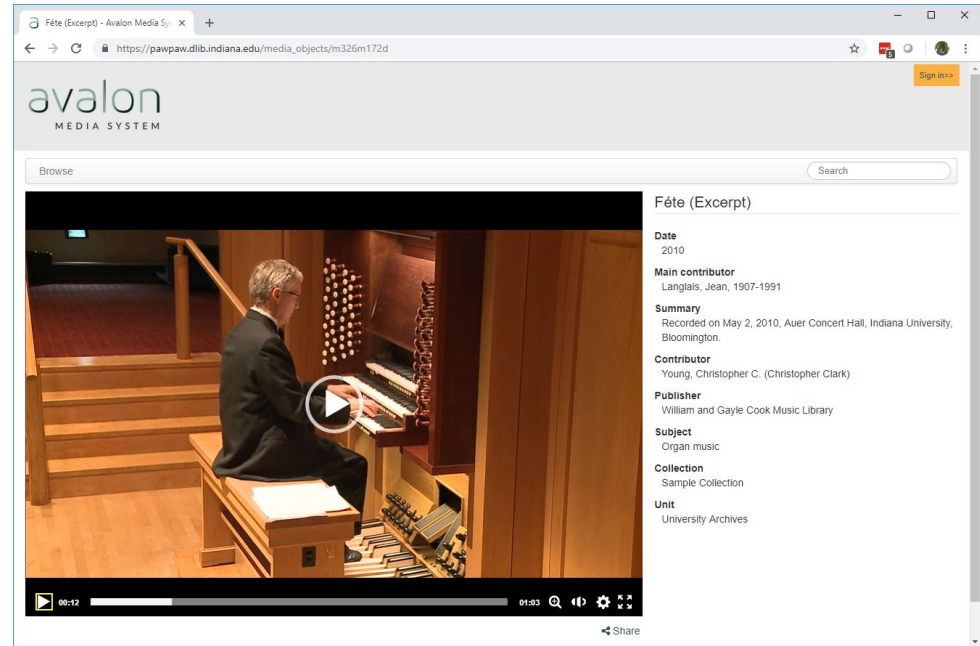
Reimagining Avalon in the Samvera Community

Jon Dunn - Indiana University
Carolyn Caizzi - Northwestern University
Ryan Steans - Avalon Community Manager

Avalon in brief



- Samvera solution bundle for audio and video media access
- Co-developed since 2011 by Indiana and Northwestern Universities
- Supported by grants from Andrew W. Mellon Foundation and IMLS
- Currently on version 6.4.4 w/ ongoing development toward version 7



Current Avalon Implementers

Currently Running in Production

1. Indiana University
2. Northwestern University
3. University of Virginia
4. Washington University in St. Louis
5. Bowling Green State University
6. University of Houston
7. University of Alberta
8. Fenway Library Organization (for NEC)
9. Yale University
10. Calvin College

Currently Installed - Toward Production

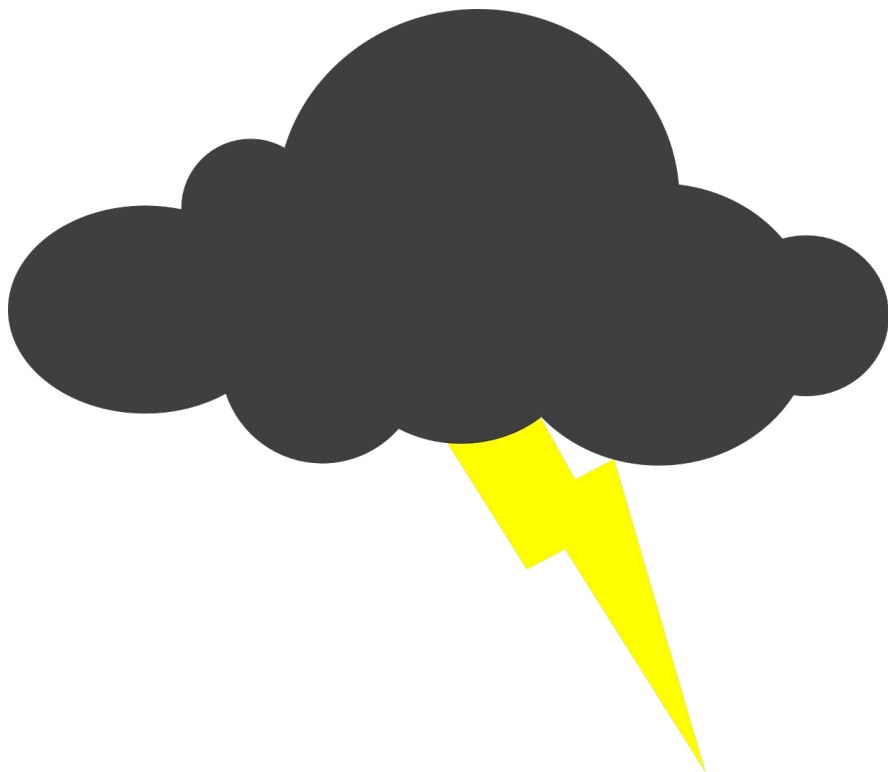
1. UCLA Library
2. University of Louisville
3. University of Utah
4. Music Institute: College of Contemporary Music

Currently Installed - Evaluating

1. University of Maryland
2. Texas A&M University

And others at various stages of deployment

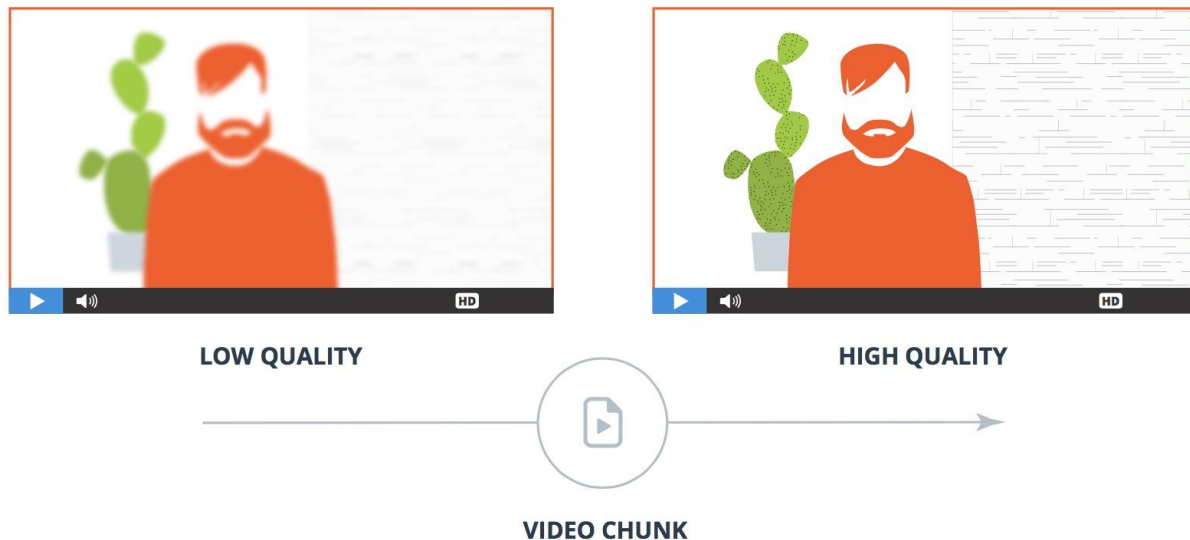
Avalon 6.3 - January 2018



- Media Player Upgrade
 - ~~Flash~~
- Improved Playlists
- Improved Batch Ingest
- Bug Fixes and Minor Changes

Avalon 6.4 - May 2018

- Adaptive Bitrate Streaming using HLS
- Avalon Intercom



Other Collaborations: OHMS



Find out more!
Thu 3:10-4:10 PM
Room 1150

- Oral History Metadata Synchronizer
- Index interviews, sync with transcripts
- Staff tool and viewer now work with Avalon content
- Related project: AVP's *aviary*

OHMS: Oral History Metadata Synchronizer

UK Interview with Joseph Tyler Gayheart, June 11, 2010

Louis R. Nunn Center for Oral History, University of Kentucky Libraries
Col. Arthur L. Kelly American Veterans Oral History Collection, From Combat to Kentucky
Ian Jennings Abney, Interviewer | 2010OH057 WW 368



84:00 know, and uh, I would sleep behind that. This was before I'd even gone to Afghanistan, and—and I would have this reoccurring dream where I would, I would rock out and I would go to bed and I would wake up to these, these muzzle flashes in the distance and I would see the top of this rock just chipping (snapping fingers) and, you know, it sounded like something out of a movie that pings. And—and then I would wake up, and this was in a barracks in Hawaii that I would have these dreams. And, and as I went to Afghanistan and got on this hill and was on this mission for about twenty-five days, sure enough I got—the rock was bigger—but I dug myself a small little trench, laid my bag in it, went down and went to sleep at night, and before—every night before the sun would go down, and the sun would be in our faces, they would—they would hit us. The Taliban would fire upon us, and it was because it was simply and solely because we couldn't see them because the sun was in our eyes. And I found cover behind this rock which was so ironic for me, and there were plenty of times where, there were plenty of times where, um, I would take cover behind the rock and, and use uh, a radio to call in for support, you know, from—

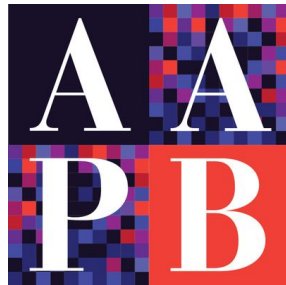
21. in Afghanistan was the most nerve-racking
22. Afghanistan was getting in a convo. I
23. in Afghanistan. They did with, you know,
24. to Afghanistan, and—and I would have this
25. to Afghanistan and got on this hill and was
26. in Afghanistan, at least as much as you

http://nunncenter.org/OHMS-Viewer/viewer.php?cache=2010OH057_WW368_Gayheart-v01.xml

Find out more!
Thu 9:00-10:10 AM
Room 1150

Other Collaborations: WGBH/AAPB

- WGBH Media Library and Archives
 - Access host for American Archive of Public Broadcasting
- New version of AAPB Archival Management System (AMS 2.0)
- Based on Avalon/Hyrax
- Mellon funding; work by AVP and WGBH in consultation with IU
- Collaborating directly in some areas, e.g. batch ingest, player
- Allow PBS stations and archives to search, manage and access collections

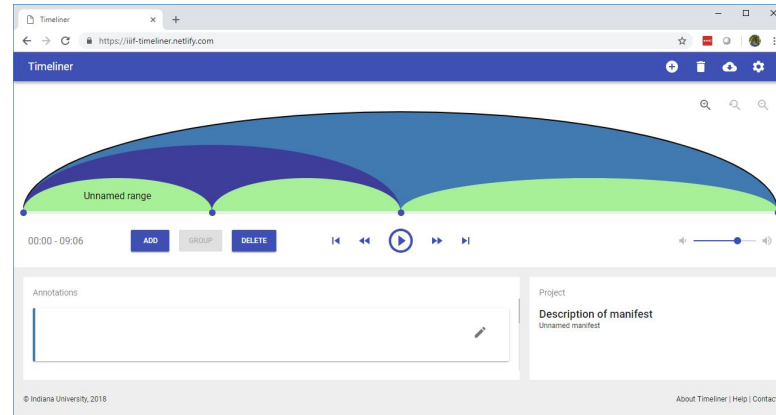
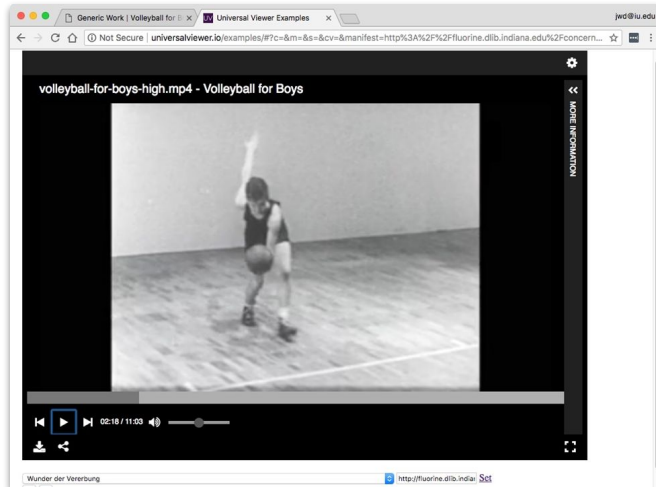


Other Collaborations: IIF



Find out more!
Thu 10:30-11:00 AM
Room 1150

- Major part of current Avalon IMLS grant
- Avalon team members involved in IIF AV Technical Spec Group
- IIF Presentation 3.0 spec implemented in Avalon 7
- Working with Digirati on audio annotation / musical form diagram tool



Integrating Avalon in the Samvera Community



Vision for Avalon 7

- Built on Samvera/ Hyrax
- Feature parity with Avalon 6
- Benefits of Hyrax
- Multiple paths to Avalon



Development Roadmaps and Community

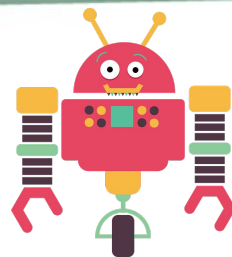


- Public Avalon Development Roadmap
 - Minimum Viable Product Due: Now
 - Feature parity solution bundle: Jan. '20
- Aligning Avalon with Samvera Community
 - Hyrax Roadmap via SIGAHR
 - Overall Roadmap via Roadmap Council

Avalon 7 Roadmap: 0.1-0.3 Completed



- Defined media content type
- Avalon player consumes IIIF manifest
- Avalon player in Hyrax
- Extend ActiveEncode for use in HydraDerivatives
- Mock-ups for Avalon 7 solution bundle are created



Avalon 7 Roadmap: Future

- 0.4 (09/17/18 - 11/10/18) Ingest pipeline; Batch import; IIIF plays derivatives; Docker and local install
- 0.5 (11/26/18 - 1/11/19) IIIF Auth for streaming; Import metadata
- 0.6 (1/28/19 - 3/22/19) Embedded player; Transcoding pipeline; UI Design; Infrastructure Automation scripts/ Cloud deployment
- 0.7 (4/8/19 - 5/31/19) Playlists; Publish/Unpublish; Permissions
- 0.8 (6/17/19 - 8/9/19) Structural metadata editor; Ingest API; Cont. UI; LTI
- 0.9 (8/26/19 - 9/18/19) Component docs; Release candidate.

Extending our Reach



The logo for archivematica, featuring a stylized orange '@' symbol to the left of the word "archivematica" in a white, lowercase, serif font, all contained within a solid blue rectangular box.

Commitment to Samvera Community

- Avalon Team Samvera Working and Interest Groups participation
 - Code Stability WG
 - Component Maintenance WG
 - Samvera Metadata IG
 - Samvera UX Interest Group
 - Samvera Roadmap Council
 - Samvera Permissions WG
- Community Management
 - 40% time Avalon Community Manager
 - Samvera Governance WG
 - Samvera Marketing WG
 - Samvera Contributions WG
 - DSpace/ Samvera IG
- Steering Participation
- Partners



Current Avalon Media System Team

Adam Arling, Front End Developer (NU)

Jon Cameron, Product Owner (IU)

Chris Colvard, Lead Developer and
Community Tech Lead (IU)

Phuong Dinh, Programmer/Analyst (IU)

Jon Dunn, Project Director (IU)

Ying Feng, Senior Programmer (IU)

Julie Hardesty, Metadata Specialist (IU)

Brian Keese, Programmer/Analyst (IU)

David Schober, Product Owner (NU)

Chris Syversen, Senior Developer (NU)

Ryan Steans, Community Manager
(NU)

Evva Weinraub, Project Director (IU)

Maria Whitaker, ScrumMaster (IU)

Jen Young, Metadata Specialist (NU)

Two black hands are shown from the wrist up, palms facing each other. Each hand is holding a white smartphone. The hands are positioned to frame the central text. The left hand is on the left side, and the right hand is on the right side. The fingers are slightly curled around the phones.

Join us!
Let's move
Samvera
forward.

Developing an Avalon Community

Sustainability through Community

- Seeking partnerships and chances to expand
- Opening the doors asks people to tell us what they need
 - How does Avalon work in smaller institutions?
 - Allow for cooperation vs competition/ re-inventing the wheel
- Greater adoption drives a better Avalon
 - Chance for more users to become contributors
 - Serving the community is the goal of all of our grants
- Not a vendor! (but we need to connect like one)



Publicly released demos/ Release Announcements

- Demos
 - At end of each cycle
 - Video posted to public Avalon server
- Releases
 - Outline features and changes
 - Demo video of new versions
- Announcements
 - Post to social media
 - Website
 - List-serves and Google Groups



Avalon Forum

- Monthly
- 30 Minutes
- Housekeeping/ Where we'll be/ etc...
- Demo work of the Avalon Community
 - User Examples
 - External Development
- Avalon Development Updates
- Get to know community



Avalon Office Hours

Slack, email and list-serves aren't always the best communication tool

- Pioneered by Hyku development (H. Frost and M. Giarlo)
- 1 hour time block
- Available for open Q&A
- Focus on
 - Tech solutions
 - Development questions



Training

- Survey Avalon Users Lists
 - Evaluate priorities by user lists
 - Evaluate delivery modes
- Workshop
- Online Modules coming this winter



Let's keep talking

No right or wrong way to reach out

No right or wrong reason to reach out

What would make Avalon a better fit?

How can we help?



Going forward

Continue to support Samvera

Continue to support Hyrax

Make Avalon easier to adopt

Improve Avalon features/ functionality

Grow the Avalon Community = grow the
Samvera and Hyrax communities



Thank You! & Questions?

