# Avalon Update 2018

Reimagining Avalon in the Samvera Community

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MEDIA SYSTEM

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
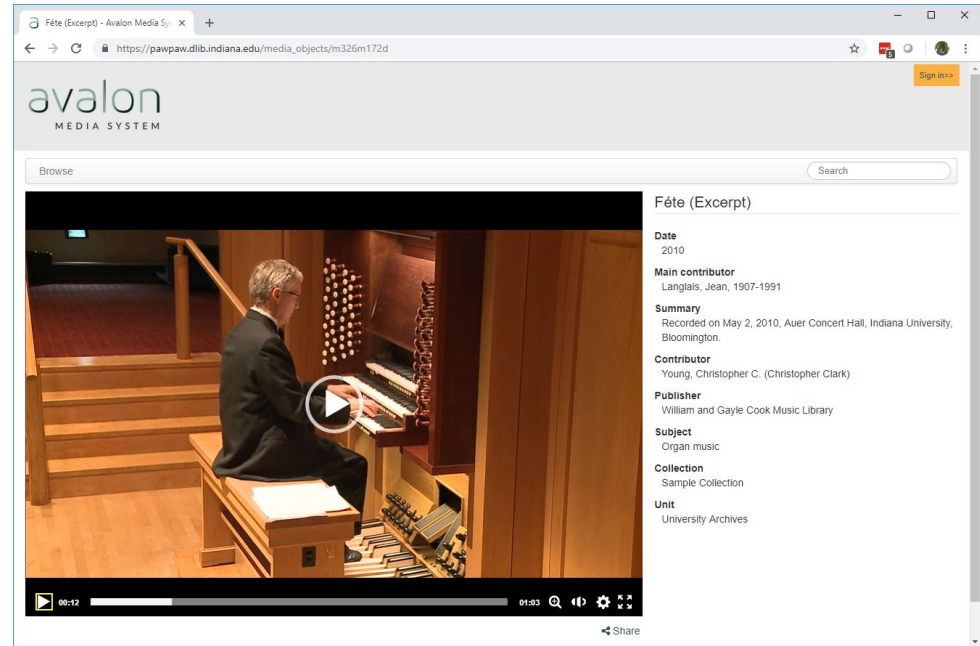
Current Avalon Implementers

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

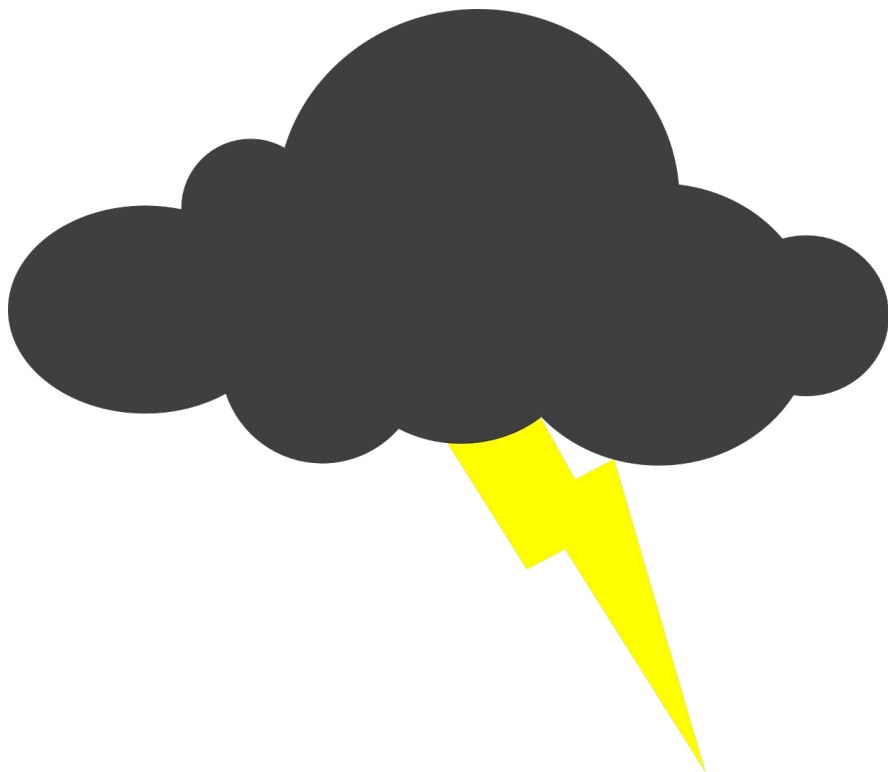**Currently Installed - Toward Production**

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
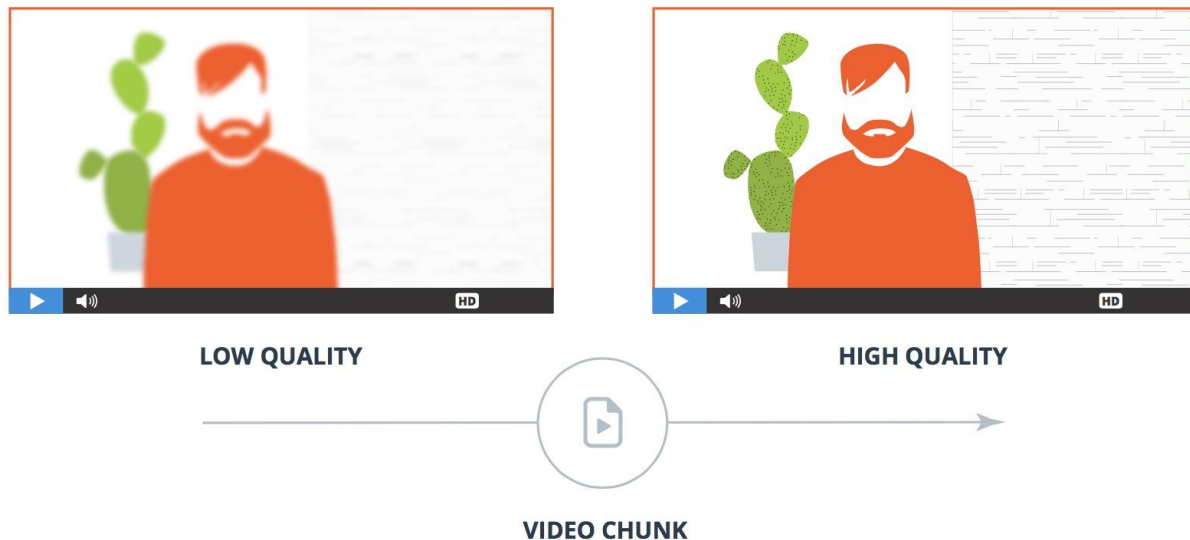
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Avalon 6.3 - January 2018

- 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

LOW QUALITY

HIGH QUALITY

VIDEO CHUNK

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Other Collaborations: OHMS

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

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
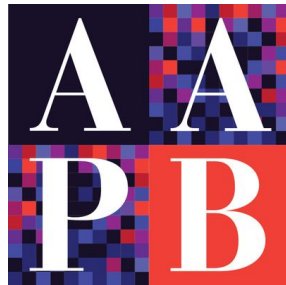
Other Collaborations: IIIF

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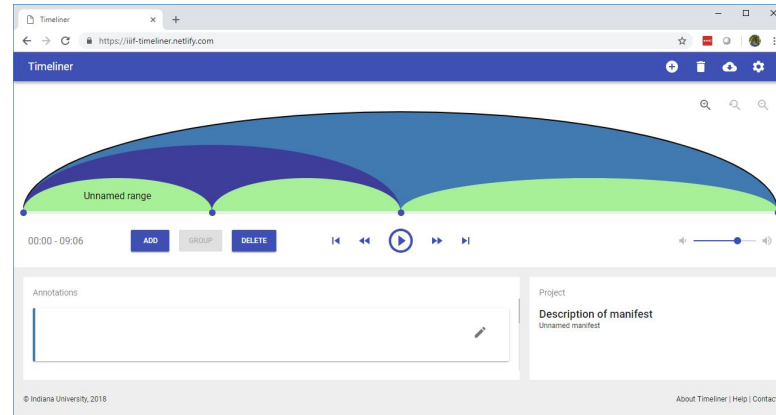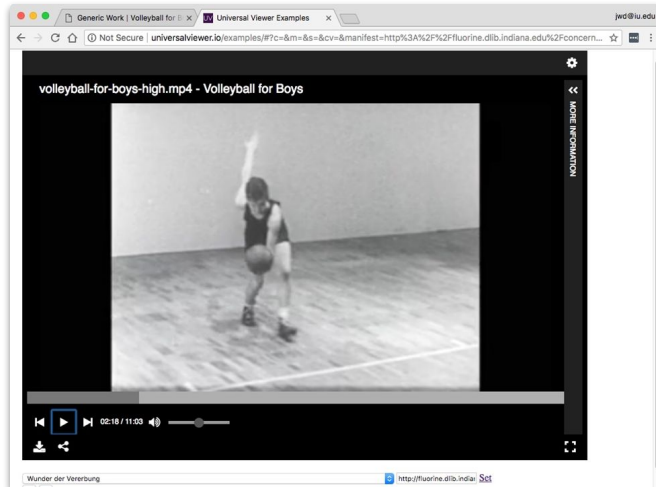
Integrating Avalon in the Samvera Community

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

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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

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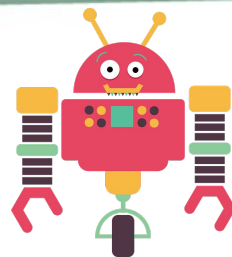
Avalon 7 Roadmap: Future

- 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

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)

Evviva Weinraub, Project Director (IU)

Maria Whitaker, ScrumMaster (IU)

Jen Young, Metadata Specialist (NU)

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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 <u>all </u>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

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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 <u>way</u> to reach out

No right or wrong <u>reason</u> 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?