

# Avalon Update

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Indiana University Libraries

Samvera Connect 2019  
October 23, 2019



1820-2020

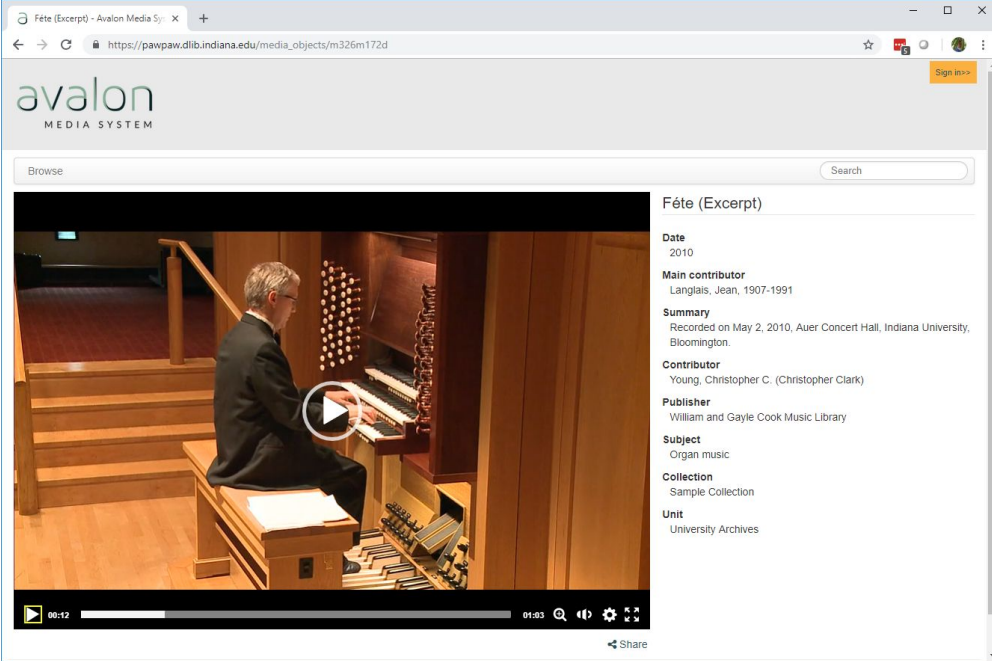
**INDIANA UNIVERSITY**

**Northwestern**

avalon  
MEDIA SYSTEM

# What is Avalon?

- Samvera solution bundle for audio and video access
- Jointly developed by IU and NU since 2011
- Supported by grants from the Mellon Foundation and IMLS
- Currently at version 6.5



The screenshot displays the Avalon Media System interface in a web browser. The browser address bar shows the URL [https://pawpaw.dlib.indiana.edu/media\\_objects/m326m172d](https://pawpaw.dlib.indiana.edu/media_objects/m326m172d). The page header features the 'avalon MEDIA SYSTEM' logo. Below the header is a search bar with the text 'Browse' and a search input field containing 'Search'. The main content area is dominated by a video player showing a man in a dark suit playing an organ. The video player includes a play button, a progress bar showing 00:12 of 01:23, and a 'Share' button. To the right of the video player is a metadata sidebar for the item 'Fête (Excerpt)'. The metadata includes:

- Date:** 2010
- Main contributor:** Langlais, Jean, 1907-1991
- Summary:** Recorded on May 2, 2010, Auer Concert Hall, Indiana University, Bloomington.
- Contributor:** Young, Christopher C. (Christopher Clark)
- Publisher:** William and Gayle Cook Music Library
- Subject:** Organ music
- Collection:** Sample Collection
- Unit:** University Archives



# Avalon Implementations

- 14+ institutions in production or evaluating/testing
- List at <https://www.avalonmediasystem.org/partners>
- Let us know if you're using Avalon!



# Media Collections Online

Browse

Search

Manage Content   Manage Groups   Manage Selected Items (8)   Playlists   Timelines

## Browse By

### Format

- Sound Recording 51,279
- Moving Image 7,235

### Main contributor

### Date

### Genres

### Collection

### Unit

### Language

## Limit to

### Published

### Created by

### External Group

### Date Digitized

### Featured Film



NY World's Fair Home Movies 1964-1965

### Featured Film Collection



Indiana University Libraries Moving Image Archive

### Featured Audio Collection



The Indiana School of the Sky

Media Collections Online houses audio and video collections.

- Use the search box, or browse using the terms on the left side to discover content.
- Some content is only available when you sign in with your ID and passphrase.
- Login to Oncourse or Canvas to access course materials.
- Media Collections Online now includes example items digitized as part of the IU Media Digitization and Preservation Initiative.

Visit Media Collections Online services web site to learn about services for IU units.

Not Secure — media.northwestern.edu

Northwestern SIGN IN




LIBRARIES | REPOSITORY AUDIO + VIDEO Search audio or video

[Browse](#) [About](#) [Help](#)

**Browse By**

- Format  ▼
  - Moving Image 199
  - Sound Recording 191
- Main contributor ▶
- Date ▶
- Genres ▶
- Collection ▶
- Unit ▶
- Language ▶

## Featured Collections

		
<a href="#">Herskovits Library of African Studies Audio Collection</a>	<a href="#">Robert Marcellus Master Class Audio Archives</a>	<a href="#">Northwestern University Football Films</a>

Format: Moving Image - Avalon Media System Search

Format: Moving Image - Avalon Media System Search

BOWLING GREEN STATE UNIVERSITY

**BGSU** AVALON

BROWSE SIGN IN

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Search

**Browse By**

- Format** ▾
- Moving Image ✕ 44
- Main contributor** ▸
- Date** ▸
- Genres** ▸
- Collection** ▸
- Unit** ▸
- Language** ▸


You searched for: START OVER ▸

FORMAT ▸ MOVING IMAGE ✕

« Previous | 1 - 10 of 44 | Next » 10 per page ▾ Sort by Relevance ▾

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**1. 2018 Spring Commencement: College of Arts and Sciences, College of Musical Arts [2:14:00]**




Date: 2018-05-07 [Creation date: 2018-05-05]

Main contributors: BGSU

Summary: College of Arts and Sciences, College of Musical Arts Commencement ceremony held at 9:00am on May 5, 2018 at the Stroh Center on the campus of Bowling Green State University.

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**2. 2018 Spring Commencement: College of Education and Human Development, College of Technology, Arch... [2:18:00]**



Date: 2018-05-07 [Creation date: 2018-05-05]

Summary: College of Education and Human Development, College of Technology, Architecture and Applied Engineering Commencement ceremony held on May 5, 2018 at 2:00pm at the Stroh Center on the campus of Bowling Green State University.

# Audio/Video Repository

Browse

**Browse By****Format**

Moving Image 939

Sound 11  
Recording**Main contributor****Date****Genres****Collection****Unit****Language**

## Featured Collection



## Featured Video



## About

Find free online access to rare historical audio and video items from the University of Houston Libraries. The A/V Repository includes digitized content from the [KUHT Film and Video archives](#), [Special Collections](#), the [Architecture & Art Library](#), and more.

# Recent Features in Avalon 6.5.x



# Structural Metadata Editor

The screenshot displays the Structural Metadata Editor interface. At the top, there are two audio waveform visualizations. The top waveform is a green audio signal with a time axis from 00:00:00 to 00:00:13. The bottom waveform is a darker green audio signal with a time axis from 00:00:00 to 00:00:00. Below the waveforms is a volume control slider and playback controls (play, pause, search, and zoom). Underneath are two input fields: "Add a Heading" and "Add a Timespan". The main area shows a hierarchical metadata tree:

- Planet Earth
  - Introduction
    - Intro (00:00:00.000 - 00:00:27.000)
    - Start of life (00:00:27.000 - 00:00:50.000)
  - Sea
    - Algae and Sponges (00:00:50.000 - 00:01:18.000)
    - Mobile organisms (00:01:18.000 - 00:02:06.000)

# IIIF A/V

- International Image Interoperability Framework
- Avalon members active on IIIF A/V Technical Spec Group
  - Informing IIIF Presentation 3.0 API (currently in Beta)
- Avalon 6.5 dynamically generates IIIF Presentation 3.0 Beta manifests for all items

# Audio Timeliner Integration

The screenshot displays the Avalon Media System interface for editing an audio timeline. The browser address bar shows the URL <https://pawpaw.dlib.indiana.edu/timelines/14>. The user is logged in as 'mcwhitak' with a 'Sign out' button.

The main interface features a navigation menu with 'Browse', 'Manage Content', 'Manage Groups', 'Manage Selected Items (0)', 'Playlists', and 'Timelines'. A search bar is located on the right. Below the menu is a toolbar with icons for a video camera, undo, redo, and settings.

The central audio timeline is visualized as a series of colored segments: Intro (grey), Verse (blue) with sub-segments 'a' and 'a', Bridge (yellow) with sub-segments 'b' and 'c', Verse (blue), Bridge (yellow) with sub-segments 'b' and 'c', Solo (blue), Bridge (yellow) with sub-segments 'b' and 'c', Verse (blue) with sub-segment '(c)', and Outro (grey). The timeline is currently at 00:00 / 02:42.

Below the timeline is a playback control bar with buttons for play/pause, previous, next, and volume. The volume is currently muted.


The bottom section contains two panels:

- Annotations:** A text input field containing the word 'Intro' and an edit icon.
- Timeline information:** Displays 'Timeline: Beatles: Michelle', a 'Description of timeline' field, and a [View Source Item](#) link. A 'REVERT CHANGES' button is located at the bottom of this panel.

# New Integrations

- OHMS Applications, OHMS Viewer
  - Oral History Metadata Synchronizer
- Aviary
  - SaaS AV platform from AVP focused on transcript indexing/searching

# Persona

Qarchivist1@example.com | Sign out

[Browse](#) [Collections](#) [Playlists](#) [Timelines](#) [Selected Items \(0\)](#) [Manage](#)








## Manage Users

Add or Invite user via email

Add or Invite user via email  [Invite user](#)

There are **67** users in this repository.

Show  entries Search:

 Username 	Roles 	Last access 	Status 	Provider 	Action 
archivist1@example.com	<ul style="list-style-type: none"><li>• administrator</li><li>• manager</li><li>• group_manager</li></ul>	October 16th, 2019 13:33	Active	identity	<a href="#">Edit</a>   <a href="#">Become</a>   <a href="#">Delete</a>
offanirudh111@example.com		September 26th, 2016 18:08	Active		<a href="#">Edit</a>   <a href="#">Become</a>   <a href="#">Delete</a>
michael.klein@northwestern.edu	<ul style="list-style-type: none"><li>• administrator</li></ul>	September 26th, 2016 19:21	Active	identity	<a href="#">Edit</a>   <a href="#">Become</a>   <a href="#">Delete</a>
cjcolvar@indiana.edu	<ul style="list-style-type: none"><li>• administrator</li><li>• Group with</li></ul>	July 25th, 2019 21:09	Active	identity	<a href="#">Edit</a>   <a href="#">Become</a>   <a href="#">Delete</a>
bkeese@indiana.edu	<ul style="list-style-type: none"><li>• manager</li><li>• MyNewGroup</li></ul>	September 27th, 2016 14:50	Active	identity	<a href="#">Edit</a>   <a href="#">Become</a>   <a href="#">Delete</a>



# Persona

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Search this site

archivist1@example.com | Sign out

[Browse](#) [Collections](#) [Playlists](#) [Timelines](#) [Selected Items \(0\)](#) [Manage ▾](#)

## ⚙️ Editing david.schober@northwestern.edu

**Email**

**Username**

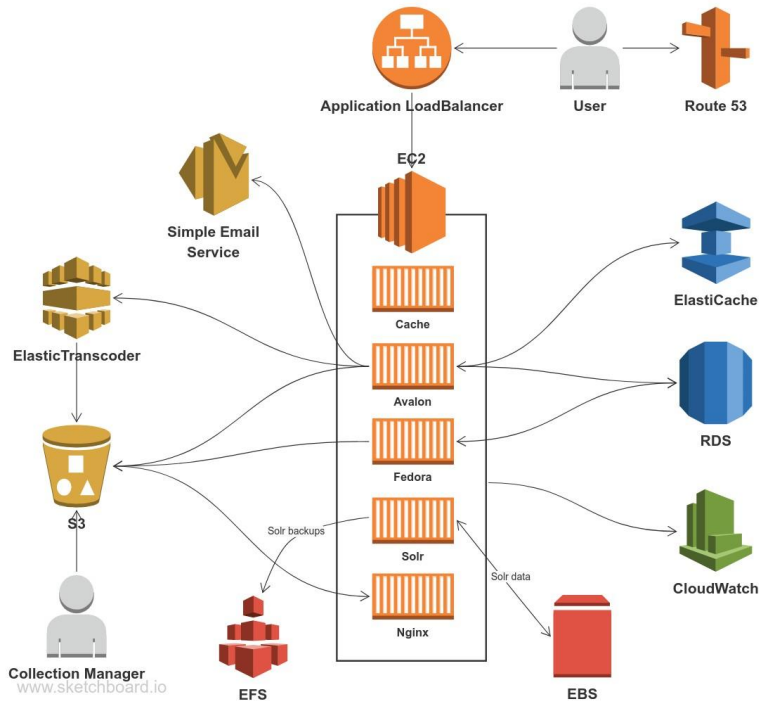
**Password** *(leave blank if you don't want to change it)*

**Password confirmation**

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# Avalon Turnkey

- Docker-based turnkey deployment for AWS
- Terraform provisioning
- Utilizing Amazon Elastic Transcoder, S3, etc.
- Easy to get started with for simple use cases



# Flashback to 2018: Vision for Avalon 7

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





# Avalon on Hyrax: Work to Date

- Defined new media content type
- IIIF Presentation 3.0 manifest generation and media player
- Extended ActiveEncode for use in HydraDerivatives
- hyrax-batch\_ingest plugin (with WGBH)

# Other Work

- Contributions to Valkyrie/Wings
- Hyrax Working Group, Hyrax 2.x/3.x
- Permissions Working Group
- Roadmap Council
- SIGAHR
- Metadata Interest Group, M3 specification
- Support for WGBH AMS on Hyrax

## Shift in Direction



Avalon 7  $\neq$  Avalon on  
Hyrax

# Features Coming in Avalon 7.0

# Transcoding Dashboard

## Transcoding Dashboard

Show  entries Search:

Status	ID	Progress	Filename	Fileset	Work	Job Started
Completed	9	<div style="width: 100%; background-color: #4CAF50;"></div>	lathe.wav	<a href="#">5t34sj56t</a>	<a href="#">hm50tr726</a>	2019-09-16T20:25:33.249Z
Completed	7	<div style="width: 100%; background-color: #4CAF50;"></div>	fireworks.mp4			2019-04-26T14:18:35.613Z
Completed	6	<div style="width: 100%; background-color: #4CAF50;"></div>	fireworks.mp4			2019-04-26T14:10:55.596Z
Completed	8	<div style="width: 100%; background-color: #4CAF50;"></div>	Ben_Savage_-_Eat_Breakfast_PSA.mp4	<a href="#">4m90dv48q</a>	<a href="#">5999n3367</a>	2019-07-15T17:25:21.101Z
Completed	5	<div style="width: 100%; background-color: #4CAF50;"></div>	fireworks.mp4			2019-03-21T17:01:48.693Z
Running	2	<div style="width: 50%; background-color: #9E9E9E;"></div>				2019-02-05T15:31:55.762Z
Running	3	<div style="width: 50%; background-color: #9E9E9E;"></div>				2019-02-05T16:22:02.474Z
Running	1	<div style="width: 25%; background-color: #4CAF50;"></div>				2019-02-05T15:31:39.744Z

Showing 1 to 8 of 8 entries Previous **1** Next

# Collection Landing Pages

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Search this site

archivist1@example.com | Sign out

Browse Collections Playlists Timelines Selected Items (0) Manage -

All Collections / Default Unit / Third collection

## Josef Gugler African and Middle Eastern Film Collection

Unit: Default Unit

Many of our components need (or will eventually need) the router context from the router provider. Let's write a custom render method that looks and acts like the render method from react-testing-library but adds features for our router so we don't have to concern ourselves about the implementation detail of the router. Many of our components need (or will eventually need) the router context from the router provider. Let's write a custom render method that looks and acts like the render method from react-testing-library but adds features for our router so we don't have to concern ourselves about the implementation detail of the router.

Search within collection...


Show Collection Facets

Previous | 1-2 of 2 | Next



00:03:56

Beethoven Symphony #9  
Introduction  
Date 2016




00:00:14

Centaur space flight to the sun  
Date 2016  
Main Contributors Adam  
Summary Summary goes here. Many of our components need (or will eventually need) the router



# Collection Index Page

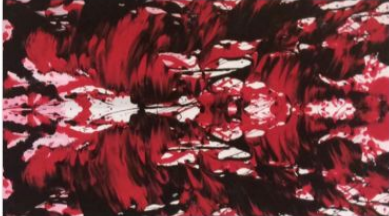
Qarchivist1@example.com | Sign out

[Browse](#) [Collections](#) [Playlists](#) [Timelines](#) [Selected Items \(0\)](#) [Manage](#) ▾

## Collections


View by: [Unit](#) [A-Z](#)

### Default Unit




#### ABBA Rare Performances

Usu an consul vocibus, sanctus definiebas te ius, pro etiam dolore temporibus te. Cu eam omnis meliore molestiae, possit bonorum repudiare mel cu, sanctus voluptatibus concludaturque cum ex. Vix te tale legere discere.



#### Another collection

Vix te tale legere discere, eu vis lobortis mediocritatem. Usu an consul vocibus, sanctus definiebas te ius, pro etiam dolore temporibus te. Cu eam omnis meliore molestiae, possit bonorum repudiare mel cu, sanctus voluptatibus concludaturque cum ex.

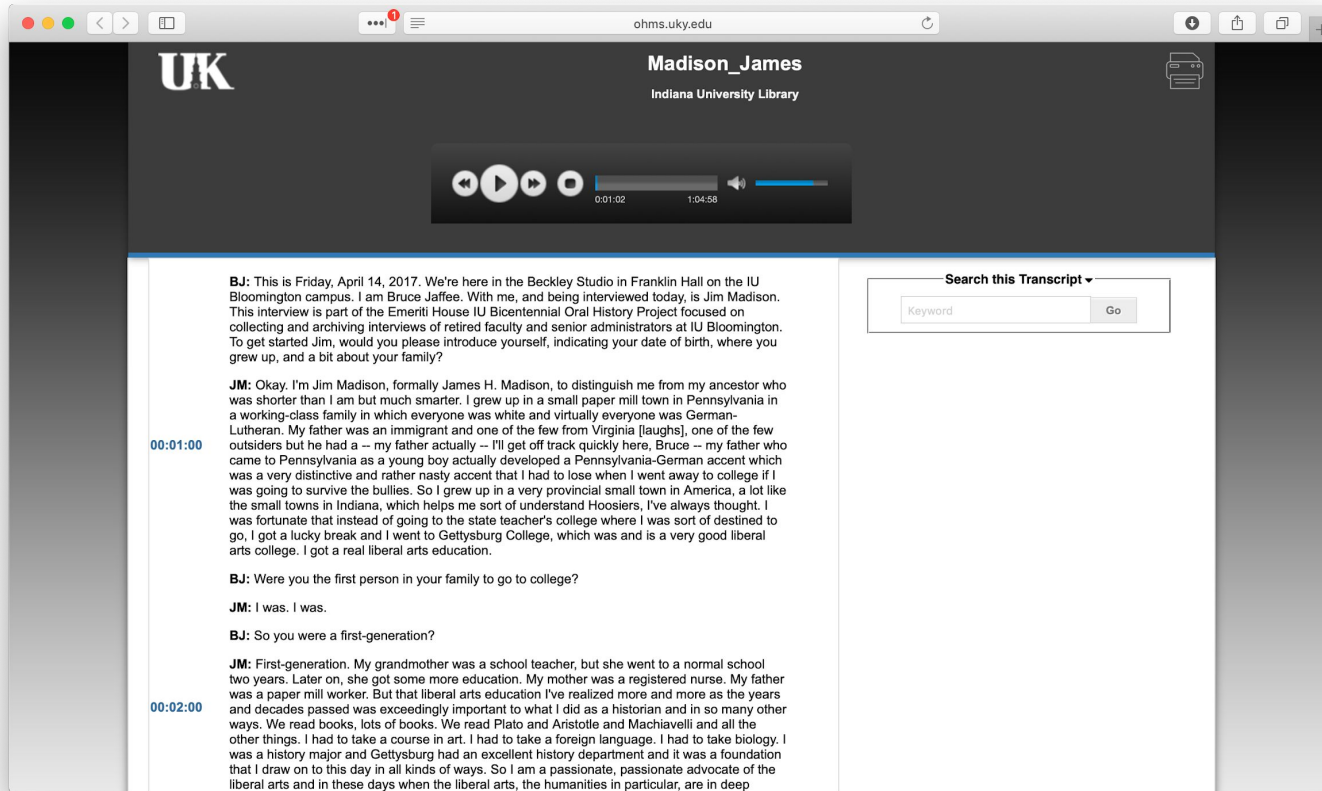


#### Fourth collection

Lorem ipsum dolor sit amet, ex eos magna mundi docendi. Vix te tale legere discere, eu vis lobortis mediocritatem. Usu an consul vocibus, sanctus definiebas te ius, pro etiam dolore temporibus te. Cu eam omnis meliore molestiae, possit bonorum repudiare mel cu, sanctus voluptatibus concludaturque cum ex. ...



# Future 7.x: Synchronized Transcripts



The screenshot shows a web browser window with the URL `ohms.uky.edu`. The page title is `Madison_James` and the site is `Indiana University Library`. The video player shows a progress bar at `0:01:02` of a `1:04:58` video. The transcript is synchronized with the video, showing the following text:

**BJ:** This is Friday, April 14, 2017. We're here in the Beckley Studio in Franklin Hall on the IU Bloomington campus. I am Bruce Jaffee. With me, and being interviewed today, is Jim Madison. This interview is part of the Emeriti House IU Bicentennial Oral History Project focused on collecting and archiving interviews of retired faculty and senior administrators at IU Bloomington. To get started Jim, would you please introduce yourself, indicating your date of birth, where you grew up, and a bit about your family?

**JM:** Okay. I'm Jim Madison, formally James H. Madison, to distinguish me from my ancestor who was shorter than I am but much smarter. I grew up in a small paper mill town in Pennsylvania in a working-class family in which everyone was white and virtually everyone was German-Lutheran. My father was an immigrant and one of the few from Virginia [laughs], one of the few outsiders but he had a -- my father actually -- I'll get off track quickly here, Bruce -- my father who came to Pennsylvania as a young boy actually developed a Pennsylvania-German accent which was a very distinctive and rather nasty accent that I had to lose when I went away to college if I was going to survive the bullies. So I grew up in a very provincial small town in America, a lot like the small towns in Indiana, which helps me sort of understand Hoosiers, I've always thought. I was fortunate that instead of going to the state teacher's college where I was sort of destined to go, I got a lucky break and I went to Gettysburg College, which was and is a very good liberal arts college. I got a real liberal arts education.

**BJ:** Were you the first person in your family to go to college?

**JM:** I was. I was.

**BJ:** So you were a first-generation?

**JM:** First-generation. My grandmother was a school teacher, but she went to a normal school two years. Later on, she got some more education. My mother was a registered nurse. My father was a paper mill worker. But that liberal arts education I've realized more and more as the years and decades passed was exceedingly important to what I did as a historian and in so many other ways. We read books, lots of books. We read Plato and Aristotle and Machiavelli and all the other things. I had to take a course in art. I had to take a foreign language. I had to take biology. I was a history major and Gettysburg had an excellent history department and it was a foundation that I draw on to this day in all kinds of ways. So I am a passionate, passionate advocate of the liberal arts and in these days when the liberal arts, the humanities in particular, are in deep

On the right side of the transcript, there is a search box with the text "Search this Transcript" and a "Go" button.

N.B. This is a screenshot of OHMS, not Avalon



# Avalon Partnership Update

- Northwestern stepping back after Avalon 7 in early 2020
  - Continuing to use Avalon; participate in shared sprints
- Indiana taking lead
  - Continuing to provide developers, PO, SMEs
- We welcome other contributors and partners - talk to us!

# Thank you!

Find out more and get involved:

[avalonmediasystem.org/connect](https://avalonmediasystem.org/connect)