

# Avalon Update

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Indiana University Libraries

Samvera Connect 2020  
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# What is Avalon Media System?

- Samvera solution bundle for audio and video **access**
- Jointly developed by IU and Northwestern; by IU since last year
- Supported by grants from the Mellon Foundation and IMLS
- Currently at version 7.1.1



The screenshot displays the Avalon Media System web interface. At the top, the 'avalon MEDIA SYSTEM' logo is on the left, a search bar with the text 'Search this site' is in the center, and a 'Sign in' button is on the right. Below the header, there are 'Browse' and 'Collections' tabs. The main content area features a video player with the title 'Frank McGuinness reads his poem 'Morehampton Road''. The video shows an older man with glasses and a beard reading a book in a library. A play button is overlaid on the video. Below the video, the text 'Poetry Readings @UCD Frank McGuinness' is visible. To the right of the video player, there is a 'Details' tab and a list of metadata fields: Date (2015-08-12), Main contributor (University College, Dublin. Library), Summary (Irish poet Frank McGuinness reads his poem 'Morehampton Road' in UCD Library's Special Collections), Contributors (University College, Dublin. IT Services. Media Services; McGuinness, Frank), Publisher (University College, Dublin. Library), Genres (Performance; Reading), Subject (English poetry--Irish authors--21st century), Location (Dublin, Ireland), and Collection (UCD demo collection). A 'Share' button is located at the bottom left of the video player.

# Avalon Features

- Granular access control
- Playlists
- Batch Ingest
- API
- Structural metadata
- Permalink support
- Player embedding

# Avalon Team

- Project Director: Jon Dunn
  - Product Owner: Jon Cameron
  - Scrum Master: Maria Whitaker
  - Developers/DevOps: Phuong Dinh, Dananji Withana
  - Metadata Specialist: Julie Hardesty
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- Hiring for Lead Software Engineer position
  - Vacation Software Engineer position

# Who's Using Avalon?

- 18 institutions in production
- Additional institutions evaluating and testing
- List at <https://www.avalonmediasystem.org/partners>
  - Currently being updated
- Let us know if you're using Avalon! Take the survey at <https://forms.gle/uTFS2VJ9cV34EqhF6>

# What's New in Avalon


# Avalon 7.0 – January 2020

- Collections landing pages and collections indexes
- Built-in transcoding pipeline (no more Matterhorn)
- Transcoding dashboard
- New homepage design
- Local user management via *Persona*



media.dlib.indiana.edu

George T. Engelman, Jr. family movies - Collections - Media Collections Online

INDIANA UNIVERSITY

Media Collections Online

[Browse Items](#) [View Collections](#)

[All Collections](#) / [University Archives](#) / [George T. Engelman, Jr. family movies](#)

# George T. Engelman, Jr. family movies


## Unit: University Archives

George T. Engelman, Jr. was a graduate from Indiana University, attending IU from 1937-1941. He worked and raised his family for a few years in Bloomington while studying for his master's degree in education in the 1940s and 50s and working for RCA. He was also a WWII veteran.





[Show less](#)

Contact email: [archives@indiana.edu](mailto:archives@indiana.edu)  
Website: [/collections/np193t00v](https://collections/np193t00v)

[Previous](#) | 1-12 of 19 | [Next](#)



[Filter this collection](#)





# Avalon 7.1 – April 2020

- API Changes and Updates
  - REST API keys can be assigned to users, respect permissions of that user
  - API stores HLS URL
  - Fixed up JSON responses
- Styling and visual improvements
- Updates and bug fixes
- Removed ImageMagick dependency

# Avalon 7.1.1 – July 2020

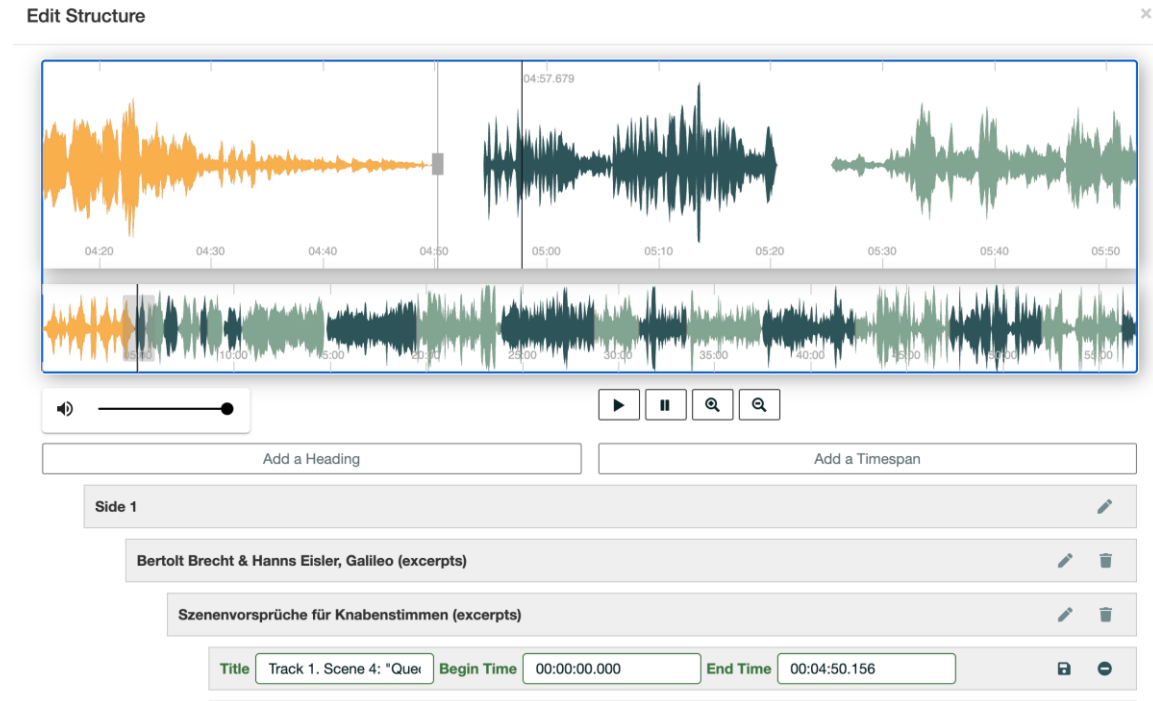
- Email and website contact fields can be configured for collections
- Added IIIF authorization support  
(Avalon has supported IIIF Presentation 3.0 manifests since 6.5)
- Improvements to structural metadata editor

# Avalon 7.2 – October 2020

- Supplemental File Support
- Intermediate authentication page
- Apply new permissions to all items in collection
- Revamped Manage Files UI
- Run cron jobs via Sidekiq
- Manage jobs added to Manage navigation

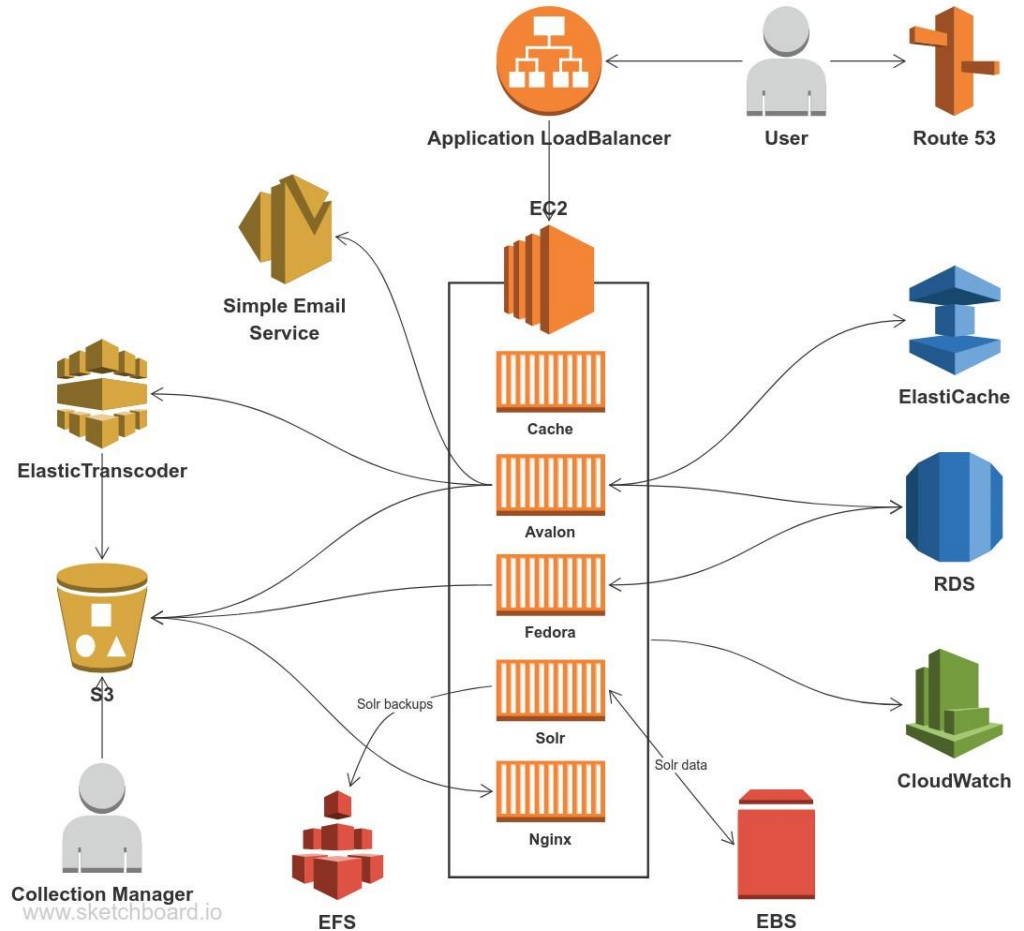
# Structural Metadata Editor

- Support for millisecond time values
- Support for items without available audio data
- Play/pause using the spacebar
- Finer precision available for time values
- Disable drag and drop during inline editing



# 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
- <https://github.com/avalonmedia/system/avalon-terraform>



# The Year Ahead

- Avalon 7.3
- IIIF Media Player
- Avalon on Hyrax

# Avalon 7.3

- Improved support for Google Analytics and Matomo
- Transcript Display Support
  - Transcript documents able to be viewed alongside media content (closed captions support already present in the Avalon player)
  - Standard file types such DOCX and WebVTT supported for transcripts



# IIIF Media Player

- Designed to consume IIIF manifests
- Meant for community use as well as within Avalon
- Upcoming community sprint (join us!)
- Will become the core media player within Avalon in the future

# Avalon on Hyrax

- Still the future!
- Development focus will transition from 7.x to Avalon on Hyrax
- Avalon team upgraded models as part of testing for Valkyrie/Hyrax 3.0.

# Support for Avalon Implementers

- avalon-discuss-l@iu.edu list
- #avalon channel on Samvera Slack
- Monthly Avalon User Round-table
- More at [avalonmediasystem.org/connect](https://avalonmediasystem.org/connect)
- Paid support by IU for startup/maintenance of Avalon Turnkey
  - Oberlin College
  - Emory University

# Thank you!

[avalonmediasystem.org](http://avalonmediasystem.org)