Avalon Update

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Indiana University Libraries

Samvera Connect 2020
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MEDIA SYSTEM

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

Avalon Features

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

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Avalon Team

- Project Director: Jon Dunn
- Product Owner: Jon Cameron
- Scrum Master: Maria Whitaker
- Developers/DevOps: Phuong Dinh, Dananji Withana
- Metadata Specialist: Julie Hardesty

- 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

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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*

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INDIANA UNIVERSITY

Media Collections Online

Browse Items   View Collections

Search this site

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
Website: /collections/np193t00v

Filter this collection

Search within collection...

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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

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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

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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

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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
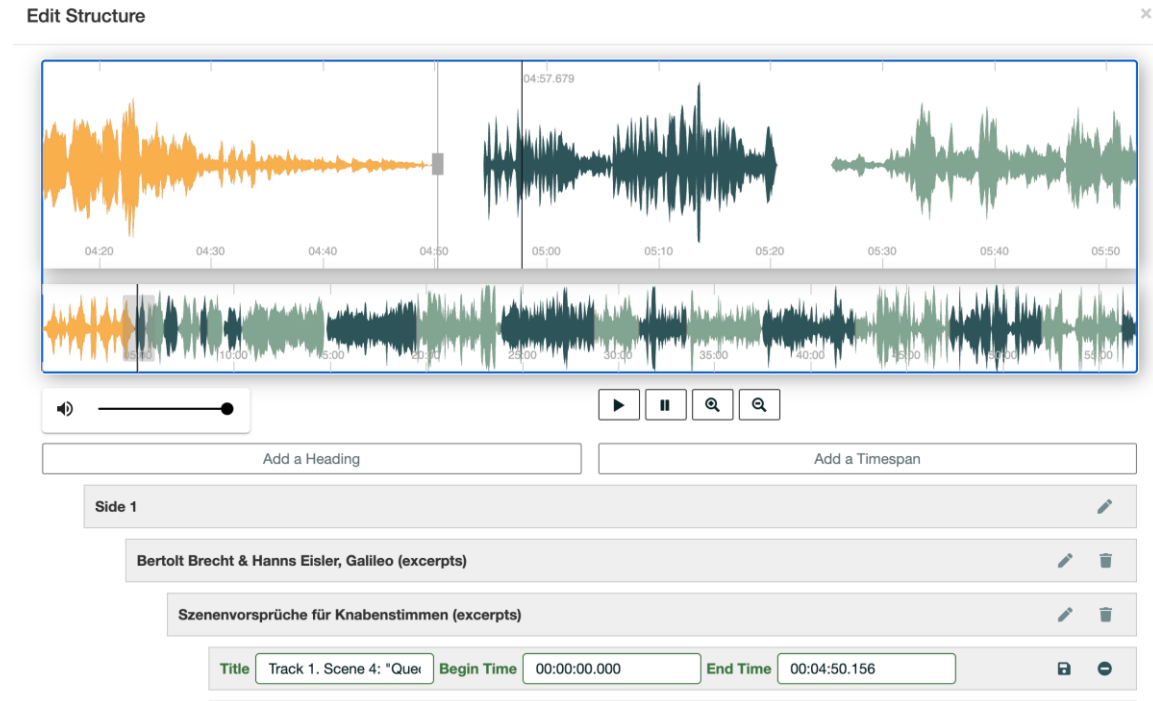
Avalon Turnkey

- 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/avalonmediasystem/avalon-terraform
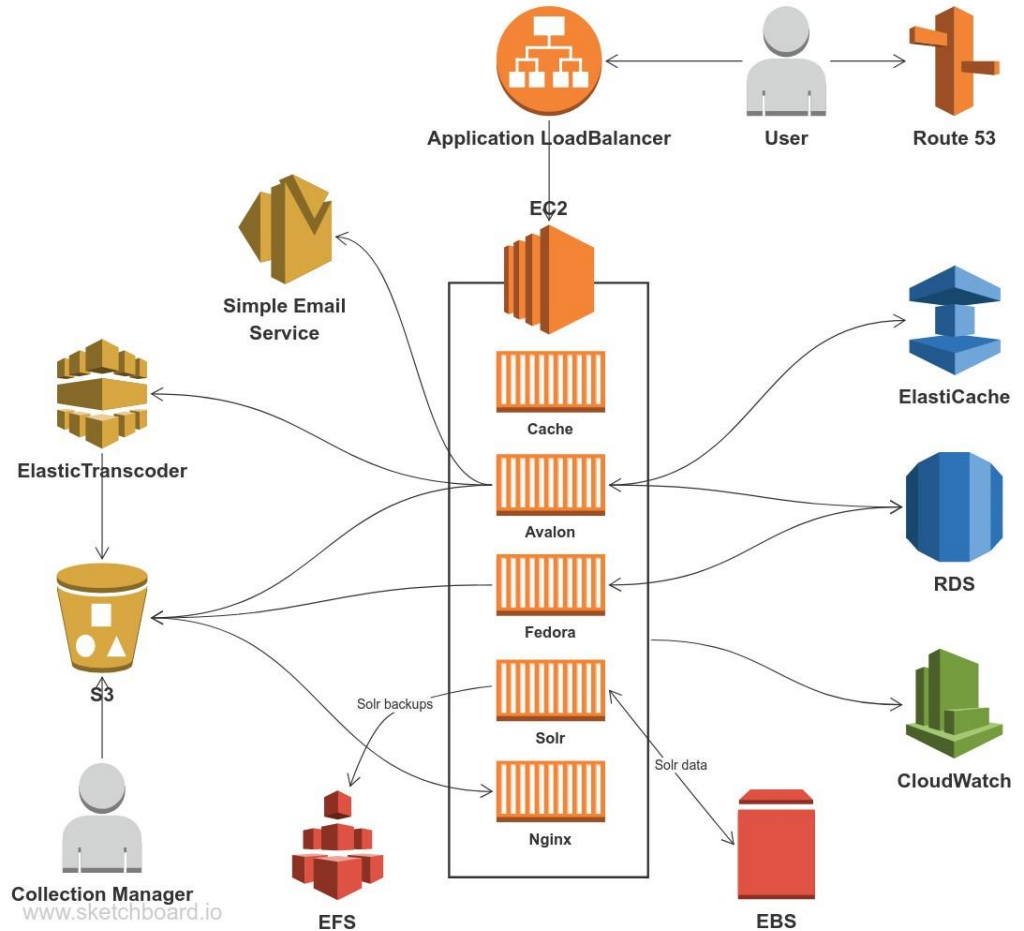
The Year Ahead

- 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

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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.

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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

- Paid support by IU for startup/maintenance of Avalon Turnkey
  - Oberlin College
  - Emory University

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Thank you!

avalonmediasystem.org