IIIF Timeliner in Avalon

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April 24, 2019
Samvera Virtual Connect 2019

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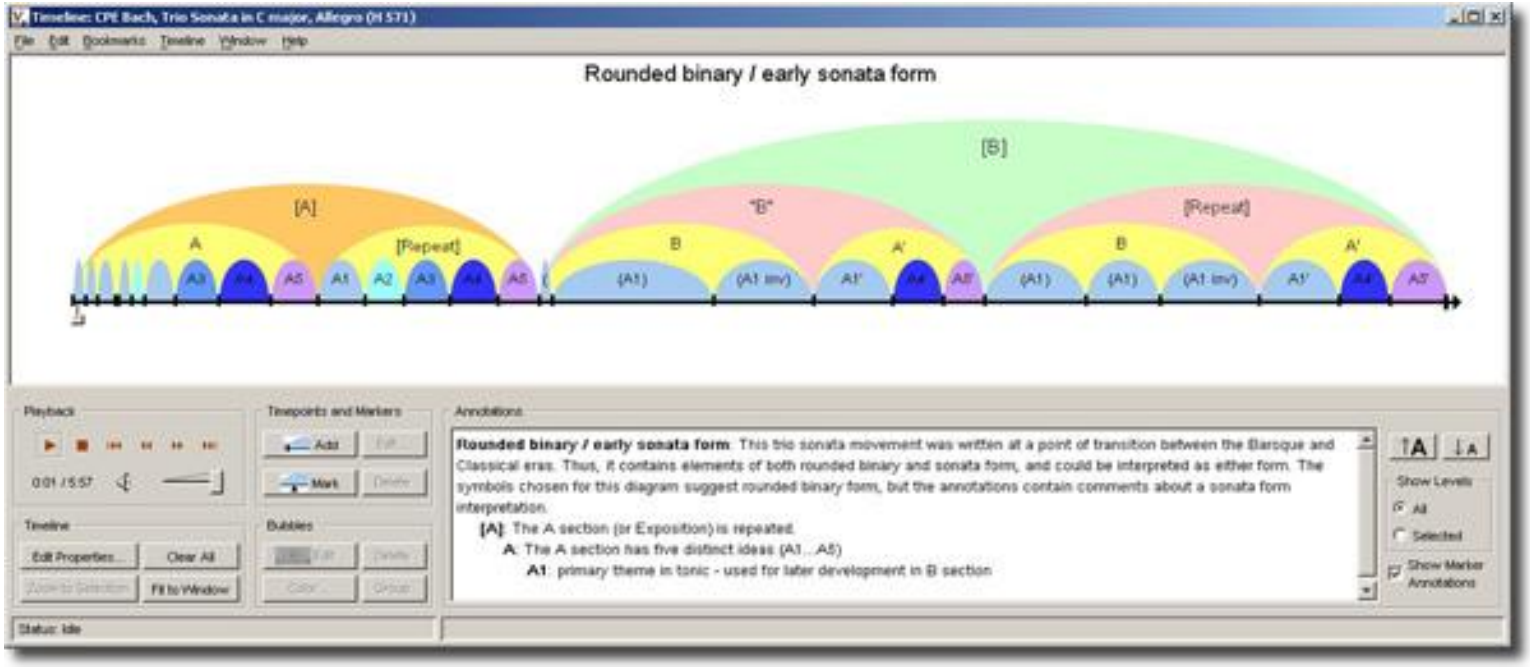
Variations Audio Timeliner

“The **Variations Audio Timeliner** is an audio annotation and analysis tool for creating and labeling bubble diagrams. These diagrams can be used to navigate music or other audio for detailed study.”

- Originally integrated in Variations
- Used in classroom and homework assignments
- Released as standalone Java desktop application on SourceForge
- Adoption around the world
- RIP Quicktime for Java

Variations Audio Timeliner



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IIIF Presentation Structure

"Ranges can be used to describe the "table of contents" of the object or other structures that the user can interact with beyond the order given by the items property of the Manifest."

https://iiif.io/api/presentation/3.0/#structures

IIIF Auth

“IIIF Authentication provides a link to a user interface for logging in, and services that provide credentials, modeled after elements of the OAuth2 workflow. Together they act as a bridge to the access control system in use on the server, without the client requiring knowledge of that system.”

https://iiif.io/api/auth/1.0/

https://github.com/IIIF/api/issues/1290

IIIF Presentation 3 + IIIF Auth + React = Awesome new Timeliner

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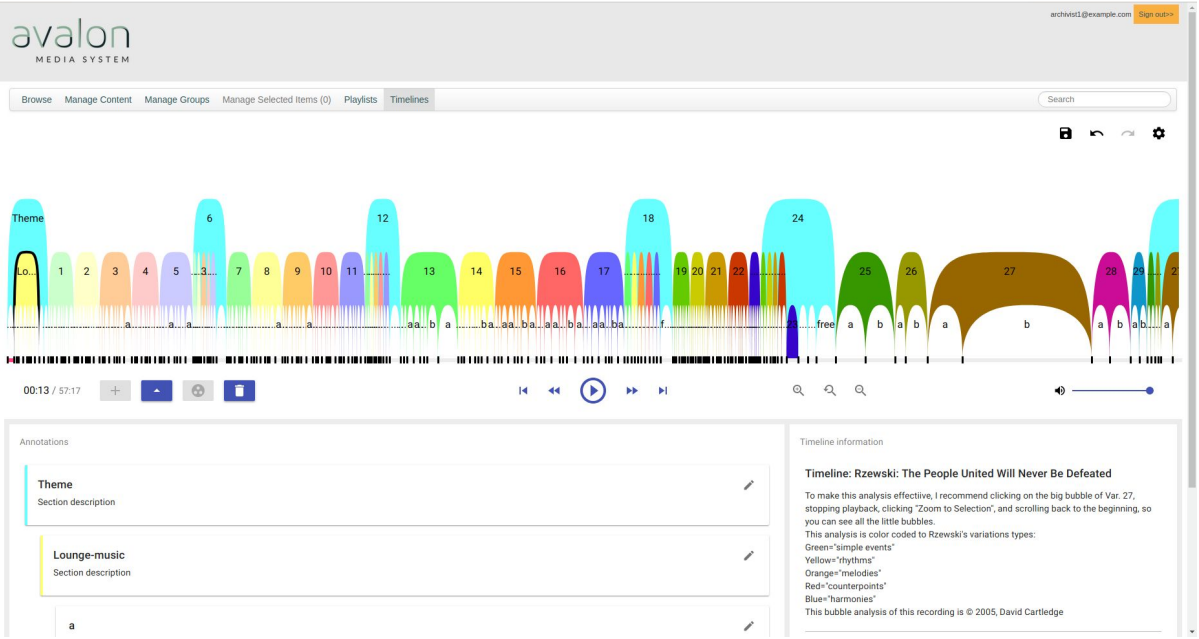
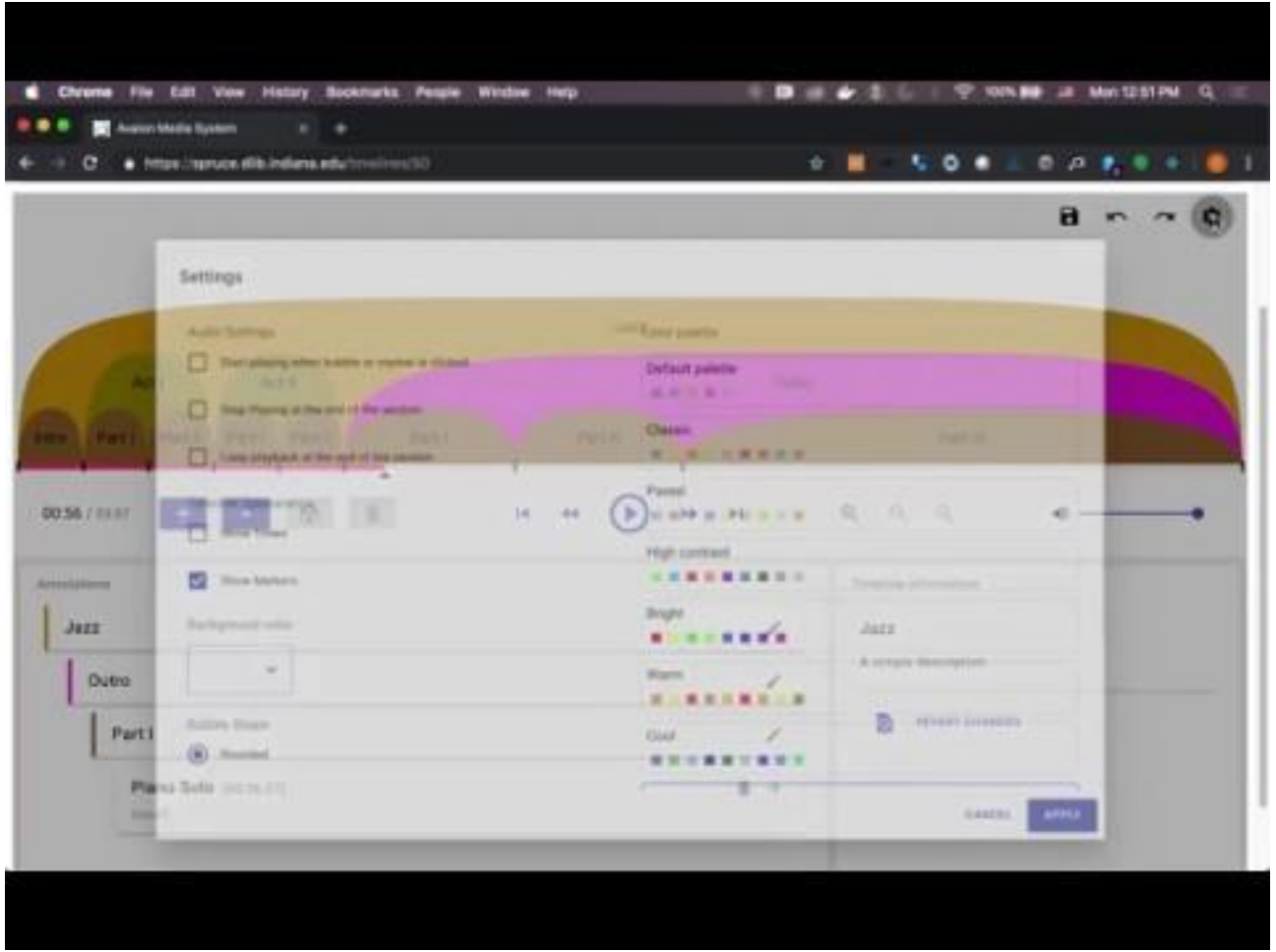
React Timeliner



https://github.com/digirati-co-uk/timeliner



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Current Plans

Inclusion in Avalon 6.5

- Stored by Avalon similar to playlists
- Basic LTI integration
- Late Spring/Early Summer 2019

Stand up standalone site hosted by IU

- Bring your own content or IIIF manifest
- Initial replacement for VAT Java App

Possible Future Improvements

- Embed code
- Read-only mode
- Waveform
- Video
- Suggestions?

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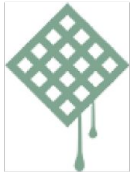
github.com/avalonmediasystem



waffle.io/avalonmediasystem/

samvera.slack.com/messages/avalon