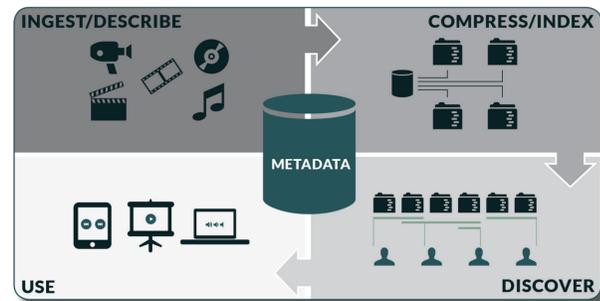


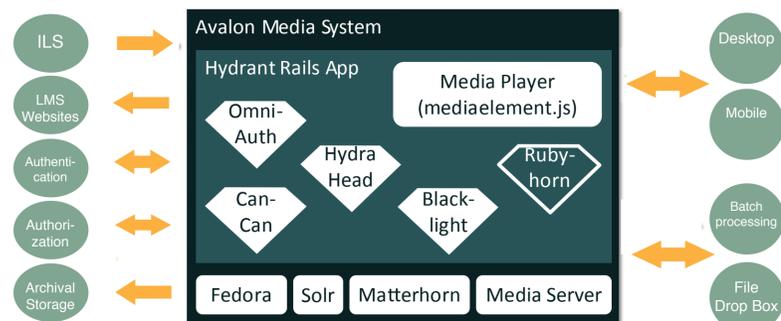


What is the Avalon Media System?

The Avalon Media System is a robust, fully open source solution for curating and providing online access to digital audio and video collections in libraries and archives. The system is being developed collaboratively by the libraries at Indiana University and Northwestern University in partnership with ten additional institutions that have committed resources for testing, evaluation and feedback.



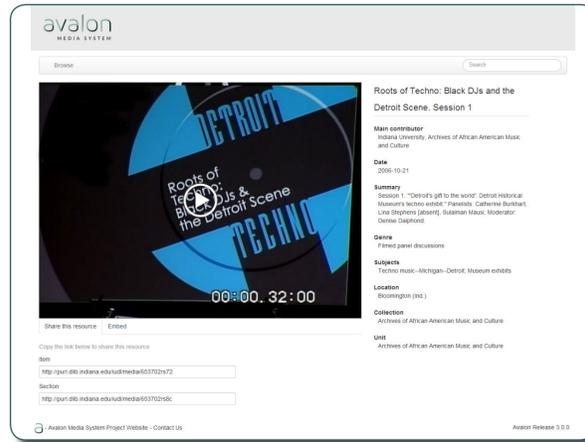
Modular and Extensible Architecture



Responsive Design



Avalon Features



End-user functionality

- Faceted discovery for search and browse
- Video and audio playback in browsers or on mobile devices
- Stream-level security
- Ability to embed media player in other websites
- Persistent URLs
- RTMP and HTTP streaming, Flash and HTML5-based player

Collection management

- Interactive or batch uploading of media files and MODS metadata
- Private collection dropboxes
- A hierarchical model for permissions that supports a flexible approach to collections-based content management
- Customized thumbnails by taking a "snapshot" or specifying a timepoint
- Quick import of previously transcoded derivatives
- Avalon transcoding for multiple quality derivatives

Integration with other enterprise systems

- Red5 and Adobe media servers
- Local authentication services (LDAP, CAS, and others)
- Learning management systems, via the Learning Tools Interoperability (LTI) standard
- Support for persistent URL systems (PURL, Handle)
- Support for LDAP group access control

Installation

- Easy installation and configuration via a virtual machine image and other methods
- Fully-transparent integration testing using travis-ci.org - every commit and pull request triggers a build
- Configuration approach for easier customization where possible

What's Next for Avalon?

Upcoming releases

Avalon software releases are becoming more frequent, with a goal of putting out at least a minor release every two months. This schedule of features is subject to change as the community helps to shape Avalon priorities.

3.2	3.2.x	4.0	Future
Additional fields for format, location, & related item links	Metadata import from ILS	Bulk operations for access control & metadata editing	Technical metadata
Bulk operations for delete, publish/unpublish, collection re-assign	Import multiple quality-level streaming files	Media processing prioritization & queue management	Captioning & accessibility
Hydra 7		Structural metadata	Clipmaking & playlists
Browse Everything			Transcripts
			Spotlight integration
			Pluggable transcoding options

Community engagement

This year we will also focus on developing our community of adopters and contributors. Ten institutions are currently implementing Avalon.

We welcome your feedback and look forward to opportunities to incorporate work you do.

Please get in touch! <http://www.avalonmediasystem.org/contact>

Submit a github pull request

Pull Requests



Project Information

This project was made possible in part by the Institute of Museum and Library Services.

