

### What is the Avalon Media System?

A robust, fully open source solution for curating and providing online access to digital audio and video collections in libraries and archives. **Avalon** provides the open source community with unique features such as collection management tools, easy installation & configuration, integration with various streaming servers.

### How is Avalon different from other streaming media solutions?

**Avalon** is developed for use by libraries and archives, with functionality to fit their unique needs. Based on the Hydra framework, Fedora repository, Blacklight search, and Solr indexing, Avalon fits well within existing and emerging open repository solutions for long-term digital object management.

### Avalon Features:

Ingest, transcode, describe and securely play media files on mobile devices and desktops.

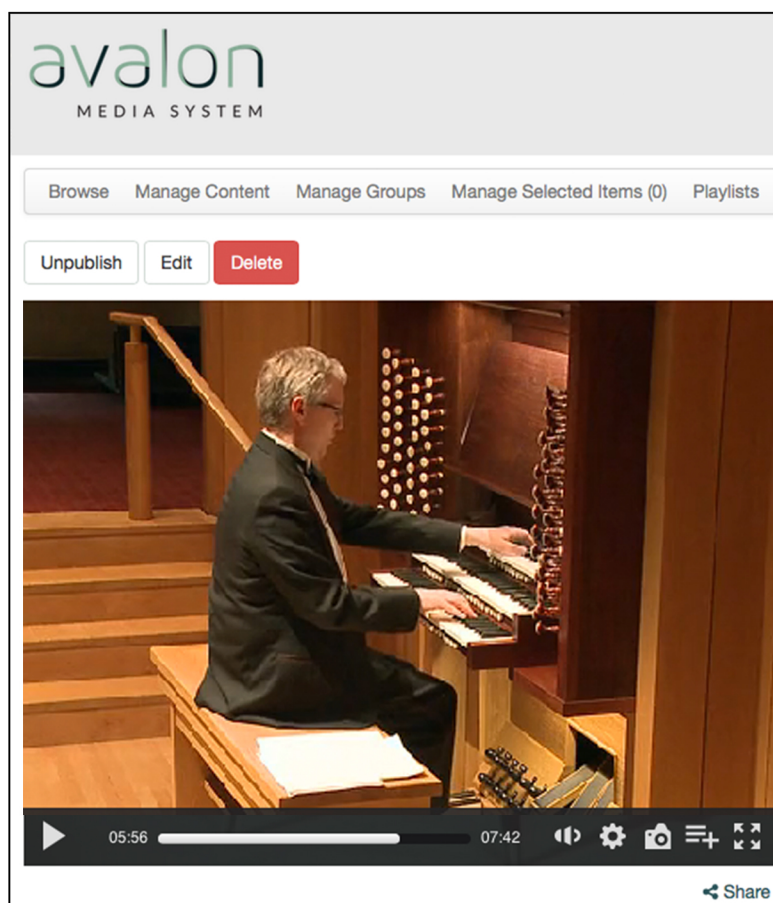
Integrate with existing authentication services, LDAP, streaming servers and learning management systems.

Organize content & permissions by collection.

Describe items with robust metadata in support of faceted discovery.

Grant access based on institutional relationships or groups/classes or public status.

Embed media player in other websites.



### New Avalon 5 Functionality 2016:

#### Playlists

*Adding clips of media items to playlists; edit, reorder and move playlist items to other playlists; create public or private playlists; import of playlists from Variations.*

#### Content Ingest API

#### Access Control Enhancements

*IP based access control; Leases for access control (start/end dates for user and group access to items).*

#### Captioning

*Support for ingesting/delivering captions in VTT and/or SRT files.*

#### Code Upgrades

*Fedora 4, Hydra 10, Solr 6  
(Avalon 6: Fall 2016)*

Avalon is designed and developed by:



INDIANA UNIVERSITY

Northwestern  
University

Avalon is supported in part by grants from:



THE ANDREW W.  
**MELLON**  
FOUNDATION

Avalon is powered in part by:

