What is Avalon?

Avalon Media System is a freely available tool that enables libraries and archives to easily create, manage and provide controlled online access to their video and audio collections for teaching, learning and research. Funded in part by a grant from the Institute of Museum and Library Services, Avalon is the product of a collaboration of the libraries of Indiana University and Northwestern University, other educational institutions, and open source software communities.

3.0 Release Functionality

- Playback on desktop browsers and mobile devices (iOS, Android)
- Manual or batch file uploading, transcoding, and metadata creation (MODS)
- Authentication (LDAP, CAS, OmniAuth)
- Authorization - share resources with individuals and groups or keep them private
- Red5 and Adobe Flash Media Server support
- Faceted discovery for browse and search via Blacklight
- Stream-level security for desktop and mobile
- User roles with hierarchical permissions model
- Custom thumbnail creation
- New media player for better playback experience
- Automated system monitoring

Teaching with Avalon

Teaching faculty can create clips, playlists, and annotations to pinpoint and comment on sections within media items. Structural metadata allows for precise navigation within lengthy media. Robust security and key integrations with course management systems and library systems ease the process of sharing items safely with courses.

Students and Researchers

Students and researchers enjoy the benefits of navigation through clips, playlists, annotations and structural metadata. Students and researchers can view media when they want, where they want through their desktops or mobile devices. Distinct collections and robust metadata make media easier to find.

Collection Managers

For those who are behind the scenes managing the collections, robust access control allows them to share items with groups and individuals more easily and securely. Distinct collections offer content curators the ability to share collections in a sophisticated way.

Why Avalon?

IT Departments

Avalon supports open connectivity. This will make it easier for future contributors and users to add or remove parts based on their needs. Key integrations include Integrated Library Systems, archival storage solutions, authentication, authorization, streaming servers (Red5 and AMS) and Fedora digital repository.

Try out Avalon

Demo Server
http://www.avalonmediasystem.org/try-out-avalon

Conduct a pilot at your institution - visit our website for more information.