



Audiovisual Streaming Module

MULTIMEDIA ACCESS ISSUES ?

If you are using your repository to offer online access to collections of audio & video content, you are likely to be confronted with accessibility related issues.

When you repository hosts substantially **large video or audio files**, and if your users are forced to **download the entire file** prior to viewing, they will have to **waste time and bandwidth**.

To **access multimedia in proprietary formats**, visitors often need to have proprietary software installed on their local machines, if browsers are unable to display these video or audio files.



@MIRE'S AUDIOVISUAL STREAMING MODULE ...

... solves the former issues, by offering a streaming audio and video solution, fully **integrated in your repository** environment.

... is sold at a **fixed price**, without annually recurring license fees, **including installation** in your DSpace repository environment¹ and one year **updates and support**.

... can be evaluated for free in **@mire Labs** (<http://atmire.com/labs>).

IMPROVED MULTIMEDIA ACCESS

A variety of different file types can be present in a repository. Generally, a repository only enables downloading these files. With @mire's Audiovisual Streaming module, users will no longer need to download multimedia content from your repository, install different audio/video players, in order to view the repository's audiovisual content. Your users can simply start streaming video and audio content right from their browser.

COPYRIGHT PROTECTION MEASURES

By integrating the Audiovisual Streaming module, your institution is no longer required to make the full (source) file available for download in order to ensure accessibility.

Creators of high value content are often reluctant to making their content available for download, but are usually not concerned about offering a streaming copy to be played directly in the browser. The Audiovisual Streaming module offers peace of mind concerning copyright protection and works as a catalyst that increases deposits.

¹ @mire supports both JSP and XML (Manakin) User interfaces

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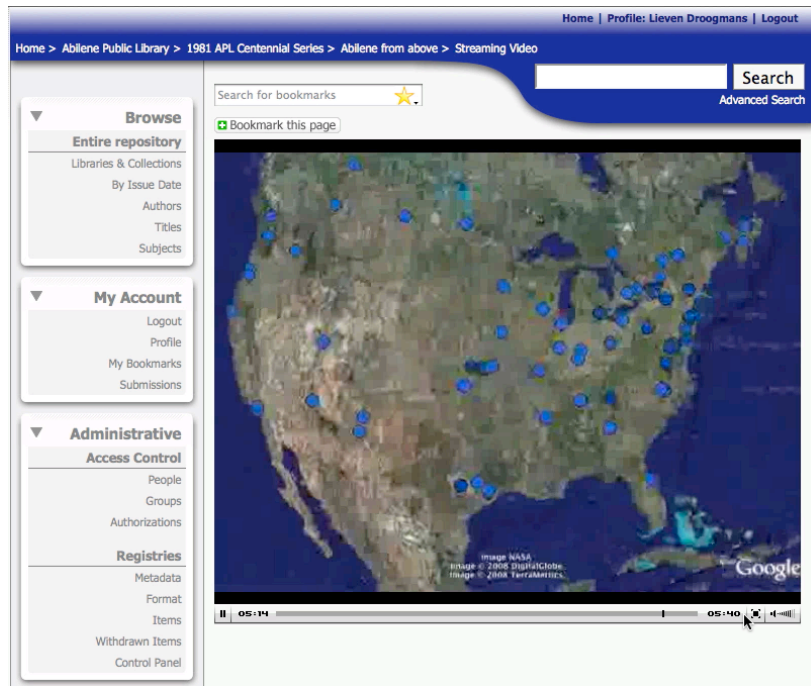
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CONTENT SERVER AND PLAYER INFRASTRUCTURE

The Audiovisual Streaming module contains open-source² **audio and video player** software. This player will be **integrated in your repository's item view pages**, to enable video and audio to be streamed directly from within the browser. Today more than **90% of Internet users** have the free Adobe Flash plug-in installed, required to run the player directly in the browser. Thus the vast majority of your repository visitors **will be able to use the player software instantaneously**.



The Audiovisual Streaming Module **integrates your repository with your streaming video server**. Out of the box, the module supports any commercial RTMP Flash video streaming server, e.g. Adobe's Streaming Server³. The Audiovisual Streaming module supports .FLV and .MOV (H.264 encoded) video files. When combined with @mire's **Information Conversion Suite**, users are able to upload aiff, asf, avi, dv video, mpeg-2, mp3, mp4, ogg, rm (realmedia), wav, wmv, ... and have the uploaded video format automatically **converted into FLV** format for high quality streaming.



The player software allows back and forward jumps to any position in the video or audio stream. The links to the flash streaming server are fully configurable. No links get broken after a migration of the flash streaming server.

ADMINISTRATOR STREAMING SETTINGS

During the submission process, submitters can enable streaming playback for each individual uploaded bitstream. At a later point in time, administrators can disable streaming if necessary.

² For non-commercial purposes

³ <http://www.adobe.com/products/flashmediastreaming/>

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