

Audio Solution Pack

Overview

The Audio Solution Pack adds the ability to create audio collections, which can be used to upload WAV and MP3 files as objects. These files can then be downloaded by users, or the JWPlayer library and module can be installed to allow for playing of the file in the View tab. On ingest, the module can also use an installation of the LAME audio encoder to create derivative audio files.

Dependencies

- [Islandora](#)
- [Tuque](#)
- The [LAME Encoder](#) is required for derivative creation
- [JWPlayer](#) and its corresponding Islandora module can be used to play audio files in the View tab (Optional)

Downloads

[Release Notes and Downloads](#)

Configuration

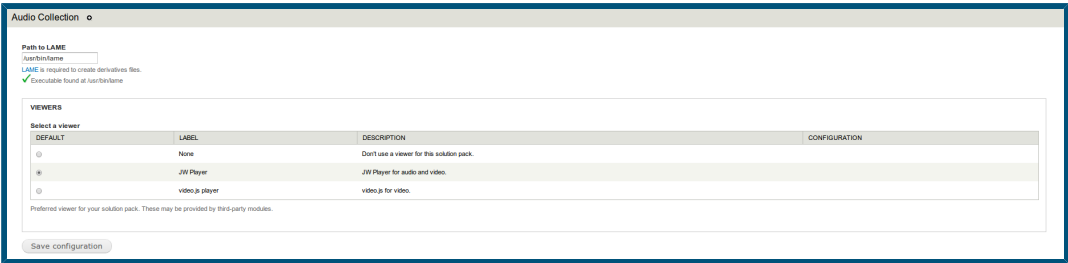
The Audio Solution Pack configuration options can be accessed at <http://path.to.your.site/admin/islandora/audio> and includes the following options:

- **Path to LAME:** Upon installing the LAME Audio Codec, an executable is created on your server. The Audio Solution Pack module requires the path to this executable to run. On Linux-based servers, this path can often be found by running:

```
whereis lame
```

Viewers

By default, the Audio Solution Pack is unable to play any audio files directly in the browser; however, the JWPlayer library and module can be installed, adding that option to the Viewers section. Check the [JWPlayer](#) page for more information.



The screenshot shows the 'Audio Collection' configuration page. At the top, there's a section for 'Path to LAME' with a text input field and a status message: 'LAME is required to create derivatives files. Executable found at /usr/bin/lame'. Below this is the 'VIEWERS' section. It has a sub-section 'Select a viewer' with a table. The table has columns: 'DEFAULT', 'LABEL', 'DESCRIPTION', and 'CONFIGURATION'. There are three rows: 1. 'None' (selected), 'Don't use a viewer for this solution pack.' 2. 'JW Player', 'JW Player for audio and video.' 3. 'video.js player', 'video.js for video.' Below the table, it says 'Preferred viewer for your solution pack. These may be provided by third-party modules.' At the bottom left is a 'Save configuration' button.

Content Models, Prescribed Datastreams and Forms

The Audio Solution Pack comes with the following objects in http://path.to.your.site/admin/islandora/solution_packs:

- Islandora Audio Content Model (islandora:sp-audioCModel)
- Audio Collection (islandora:audio_collection)

An audio file ingested using the Audio Solution Pack's content model and LAME will have the following datastreams:

RELS-EXT	Default Fedora relationship metadata
MODS	MODS record filled out during ingest
DC	Dublin Core record
OBJ	Original audio file uploaded
PROXY_MP3	MP3 derivative created by the LAME encoder
TN	Default thumbnail icon for audio objects

The Audio Solution Pack comes with the Audio MODS form.