



Purpose

Many customers in the content industry need access to all their media without changing between several applications. Therefore, Interplay® also supports audio content in the 3.x versions of the product.

Functionality

The functionality supporting audio is seamlessly embedded into the Interplay framework. Audio files can be imported, searched, browsed and exported in the same way as video or audio content. The functionality comprises:

- **Import:** The user drops audio files into a watch folder. Then the import workflow analyses the audio concerning resolution and sampling rate. This workflow also starts the generation of a browse audio such as an MP3 or Ogg file.
- **Metadata Annotation:** The user can add metadata to each audio file using Interplay's Web Cataloging functionality. The user can also define a metadata schema and metadata forms especially for audio files.
- **Search and Browse:** The user can search for audio files, using all of Interplay's metadata-based search capabilities such as Quick search, Attribute search, and Combined search. Custom searches are also possible. The system can display the result as a standard hit list, which is widely configurable. Browse editor functionality for audio will follow in one of the next Interplay versions.
- **Export:** Within the web application, the user can collect a set of audio files to export from the archive to an audio editing application. The user defines the file format as well as resolution and sampling rate of the target files.
- **Transcoding:** Audio files can be transcoded using third party transcoders during import and/or export, or as an extra process.

Capacity and Performance

Interplay uses the same proven technologies to archive audio files so that the audio functionality has the same capabilities and scalability as video. These provide:

- Virtually unlimited number of audio files in the system
- Virtually unlimited number of audio formats capable of coexisting within the system
- Number of parallel import and export processes limited by the server's capacity and network bandwidth
- Encoding and transcoding performance depending on third party software (scales up with encoding capacity)
- Audio browsing performance accelerates with performance and bandwidth of the web server and the online storage system attached to it.

Configuration Options

Import: Through its flexible overall workflow control Interplay enables different import processes and different audio browse formats. The browse format can be changed in respect to format, data rate and transcoding software.

Browsing: Interplay supports multiple browsing formats at the same time in one system. The browse format can be changed in the workflow or chosen via different watch folders.

Export: The export process is also controlled by a workflow. The export format(s) can be configured using profiles, which define the file format, sampling rate or data rate. Email notification is also configurable.

Building Integrated Solutions

Integration with third party audio generation, editing or playout systems is through watch folders, or directories available through UNC paths or FTP.

Audio Content

Interplay Media Asset Manager

Supported Audio Formats

Interplay Audio Support exists in two versions. The basic audio support makes use of a free audio converter that has to be provided by the customer. The Audio Extension contains a third party multi-format audio reader and converter that must be licensed separately.

Basic Version:

- Import, browse copy generation and export in the native format
- Supports the following browsing formats: MP3 with several modes and data rates

Audio Extension Version:

- Import, browse copy generation and export with partial delivery and export conversion
- Supports the main audio formats such as MP2, MP3, WAV, AIFF with sampling formats 32 kHz, 44.1 kHz, 48 kHz and 96 kHz.

Supported Platforms

The audio support is fully integrated into the Interplay framework and requires no extra software except audio transcoding software for MP3, which has to be licensed separately. The client application for uploading, annotation, searching, browsing and exporting audio files is fully web based and can be used on a Windows client via an Internet Explorer, or on a Mac client via the Safari web browser. Depending on the audio formats to be displayed and edited, the appropriate viewing and editing software must be installed on the client workstations.

Interplay server components require Windows 2003 or 2008 Server, .NET framework. MS SQL Server 2005 or 2008 is required as database.

For more information visit www.avid.com/interplay

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