

HEAnet and Multimedia Sharing

Brian Boyle, HEAnet

Introduction

- What is it?
- Why did we do it?
- What it looks like
- Where is it going...

What is it?

- A place for Video files
- Presented to clients as a Web Service
- Access (to upload) controlled by HEAnet's Federation (edugate)
- Playback unrestricted, for now...

What is it?

contd

- Accepts many upload formats
- Transcodes to Flash, Windows Media
- User chooses Thumbnail
- Provides HTML embed code
 - use it in existing website, VLE, etc

Why did we do it?

- Clients wanted:
 - Trusted service provider
 - Federated access
 - Service Level Agreement
 - ie, comeback re: “takedowns”

What does it look like?

- edugate Federated login
- Simple web interface to users
- Simple upload, or Large File Transfer integration
- Custom flash player

What does it look like?

- Developed in PHP / MySQL
- Windows Server 2008, HyperV
- Rhozet Carbon transcode servers
- Isilon for backend storage

HEAnet Media Management

Uploads Media Transcodes Podcasts

Uploads

Upload your source files that will be transcoded into media files for streaming or podcast delivery.

Upload file from your computer

File: no file selected

Upload file from URL

URL:

	Name	Size	Uploaded
	AttentionExperiment.flv	1.2 MB	2009-11-02 16:48:33
	bbctwo_bill_baileys_remarkable_guide.mov	224.1 MB	2009-10-12 14:53:55

contact: multimedia@heanet.ie

HEAnet Media Management

[<< Return to uploads](#)

Information

Title:
qi_gothic.mov
Copyright:

Description:

URL:

Uploaded:
2010-03-02 15:29:58

[edit](#) [delete](#)

Original File

Duration:
0:29:52
Type:
mov
Size:
111.5 MB
Bitrate:
521 kbit/s
Dimensions:
480x272
FrameRate:
25
Video Codec:
h264
Audio Codec:
mp4a

Options

[Create Flash \(SD\)](#)
[Create Windows Media \(SD\)](#)

Thumbnails



[Regenerate thumbnails](#)

contact: multimedia@heanet.ie

HEAnet Media Management

[Uploads](#)[Media](#)[Transcodes](#)[Podcasts](#)

Transcodes

Your current transcodes

File

[qi_gothic.mov](#)

[AttentionExperiment.flv](#)

[bbctwo_bill_baileys_remarkable_guide.mov](#)

Profile

Flash (SD)

Flash (SD)

Flash (SD)

Status

Transcoding

Completed

Completed

Updated

2010-03-02 15:30:30

2009-11-02 16:48:39

2009-11-02 15:28:51

contact: multimedia@heanet.ie

Where is it going?

- Control access to content playback
 - referring url
 - embed authentication in Flash player
- Resilience
- Integrate with new filesender
- Support for static Images

Where is it going?

- Support for Live streamed input
- podcast support
- Transcode **to** more formats

Questions

