

Media

Media hosting and live streaming

- Why Use HEAnet Media Hosting?
- Statistics
 - Uploaded content: 11 TB
 - Content duration: > 8,300 hours
 - Number of files: > 14,000
 - Longest duration: 15 hours
 - Largest upload: 128 GB

- Upload
 - Video and audio file uploads
- Transcoding
 - Transcoding to streaming and podcast formats
- Playback
 - HTML5 Video Player
- Sharing
 - Share URL, Embed player, Podcast
- VLE
 - Moodle and Blackboard plugins
- Live Streaming

- Unlimited uploads
 - No size limit
 - No duration limit
 - Video resolution > 4K
- Upload Sources
 - Upload via web browser
 - Upload from URL
 - Upload via Filesender

- Distributed Transcoding
 - Transcodes jobs allocated to multiple servers
- Resolutions
 - 320x180 to 3840x2160
 - H.264 MP4
 - HTTP Live Streaming (HLS)

- HTML5 Video Player
 - Cross Platform compatibility
 - Desktop and mobile
 - Live and On-demand
 - Video and Audio Only
 - Thumbnail Previews



- Unique URL
 - <https://media.heanet.ie/page/1234567890abcdef1234567890abcdef>
- Embed
 - Embed iframe into your website
- Social Media
 - Playback inside Facebook and Twitter

- VLEs
 - Moodle
 - Blackboard
- Upload from within your VLE
- Browser media from your VLE

- Create Live Events
- No limits on duration or frequency
- Encoding
 - Send a single stream 360p to 1080p
 - Server side transcoding into multiple bandwidths
- Embed and share stream

Media – Planned Features

- Usability
 - Playlists / Collections / “Watch Later”
- Live
 - Recording of streams
- Playback
 - Updated audio player
 - Restrict to URL
 - Autoplay
 - Play clip
- Podcasting
 - Choose video podcast resolution
 - Add bookmarks using ID3 tags
- Statistics
 - Statistics for live and on-demand content
- Development
 - Public API

