

Tvheadend - Bug #2991

Generated playlists and the URI's in/to them could (and should) be more compatible with m3u http live streaming specification.

2015-07-04 00:18 - Thomas -

Status:	Fixed	Start date:	2015-07-08
Priority:	Normal	Due date:	
Assignee:	John Törnblom	% Done:	100%
Category:	Streaming	Estimated time:	0.00 hour
Target version:	4.2	Affected Versions:	
Found in version:	4.1.322		
Description			
Problem: some home cinema/network devices cannot properly recognise TVHeadend's generated playlists. The /playlist/channels.m3u one is an exception, this does work.			
Cause: by not supporting the proper file extension or content-type in the URL's, most devices don't recognise the .m3u file as a proper playlist.			
Details for a fix: URL's to playlists should include file extensions and/or the correct content-type: audio/mpegurl for .m3u instead of audio/x-mpegurl The generated playlists that link to other playlists (chaining) should contain URL's that include the .m3u file extension.			
As per specifications here: http://tools.ietf.org/html/draft-pantos-http-live-streaming-08#section-3.1			
These are the situations I could think of:			
<pre>URL fragment > Description /playlist/channels > alias for channels.m3u /playlist/channels.m3u > channel sort is ok (by customized channelnumber) /playlist/tags > alias for tags.m3u /playlist/tags.m3u > tag sort is not ok (by UI appearance/tagid?), should be sorted by custom tag index or tagname (alphabetically ASC) /playlist/tagid/* > alias for *.m3u /playlist/tagid/*.m3u > channel sort is not ok (by channelId?), should be sorted by customized channel number /playlist/tag/* > alias for *.m3u /playlist/tag/*.m3u > channel sort is not ok (by channelId?), should be sorted by customized channel number</pre>			
Subtasks:			
Bug # 3008: Using VLC Web Plugin fails since commit 36573a (v4.1 r348)			Fixed

Associated revisions

Revision c730150b - 2015-07-07 14:19 - Jaroslav Kysela

WEBUI: improve playlists (added sorting, m3u⁸ extensions, audio/mpegurl mime), fixes #2991

History

#1 - 2015-07-04 12:19 - Jaroslav Kysela

Reading the draft - we should support .m3u8 extension. Not sure about the US-ASCII restriction for .m3u files. It seems that we already use utf-8 for .m3u and nobody complained :-)

#2 - 2015-07-04 12:19 - Jaroslav Kysela

- Target version set to 4.2

#3 - 2015-07-07 16:20 - Jaroslav Kysela

- Status changed from New to Fixed

- % Done changed from 0 to 100

Applied in changeset [tvheadend|c730150b0d663f1608114f176483c6034e3d8af5](#).

#4 - 2015-07-07 16:20 - Jaroslav Kysela

I tried to fix all described items. Could you retest ?

#5 - 2015-07-11 22:58 - Thomas -

Jaroslav Kysela wrote:

I tried to fix all described items. Could you retest ?

Thanks for fixing things so quick. After a quick test they all seem to work except "/playlist/tag/*.m3u". It returns HTTP status: 400 Bad Request.

Kind regards,

Thomas