

Tvheadend - Bug #280

Wrong aspect ratio for recorded IPTV stream

2010-09-08 14:49 - Steven VS -

| | | | |
|--|--------------|---------------------------|-----------|
| Status: | Fixed | Start date: | |
| Priority: | Normal | Due date: | |
| Assignee: | Andreas Smas | % Done: | 0% |
| Category: | General | Estimated time: | 0.00 hour |
| Target version: | 2.12 | Affected Versions: | |
| Found in version: | | | |
| Description | | | |
| When I play a recorded file in VLC or XBMC, I got a 4/3 aspect ratio for a 1080p stream. | | | |
| File is attached. | | | |

History

#1 - 2010-09-08 15:14 - Steven VS -

It is rather a 1/1 aspect ratio:

```
+ Display unit: 3
+ Display width: 1
+ Display height: 1
```

#2 - 2010-09-09 15:04 - Steven VS -

This is what is specified in the ITU-T H264 document:

```
aspect_ratio_idc specifies the value of the sample aspect ratio of the luma samples.
```

Table E-1 - Meaning of sample aspect ratio indicator

| aspect_ratio_idc | Sample aspect ratio | (informative)Examples of use |
|------------------|---------------------|---|
| 0 | Unspecified | |
| 1 | 1:1 ("square") | 1280x720 16:9 frame without horizontal overscan |
| | | 1920x1080 16:9 frame without horizontal overscan (cropped from 1920x1088) |
| | | 640x480 4:3 frame without horizontal overscan |

So I don't think we can copy this into the mkv (according to me, it is not the display aspect ratio)

#3 - 2010-10-18 23:27 - Andreas Smas

- Found in version set to fixed

Fixed in r5478.