

## Movian - Bug #2686

### Movian can't start in OSX if hardware acceleration of OpenGL is not available

06/13/2015 12:40 PM - Leonid Protasov

|   |              |                        |            |
|---|--------------|------------------------|------------|
| <b>Status:</b>  | Fixed        | <b>Start date:</b>     | 06/13/2015 |
| <b>Priority:</b>  | Normal       | <b>Due date:</b>       |            |
| <b>Assignee:</b>  | Andreas Smas | <b>% Done:</b>         | 100%       |
| <b>Category:</b>  | General      | <b>Estimated time:</b> | 0.00 hour  |
| <b>Target version:</b>  | 4.10         | <b>Platform:</b>       | OS X       |
| <b>Found in version:</b>  | 4.9.524      |                        |            |
| <b>Description</b>  |              |                        |            |
| SYSTEM [INFO ]: Movian 4.9.524.g52f7d.dirty starting. 2 CPU cores. Systemtype:Apple OS:Darwin-14.3.0                              |              |                        |            |
| blobcache [INFO ]: Initialized: 0 items consuming 0.00 MB (out of maximum 1000.00 MB) on disk in /Users/lprot/.cache/showtime/bc2 |              |                        |            |
| SQLITE [INFO ]: Recovered 7 frames from WAL file /Users/lprot/.hts/showtime/kvstore/kvstore.db-wal (code: 0x0)                    |              |                        |            |
| SQLITE [INFO ]: Recovered 56 frames from WAL file /Users/lprot/.hts/showtime/metadb/meta.db-wal (code: 0x0)                       |              |                        |            |
| libav [INFO ]: Lavf56.1.0, Lavc56.1.0, Lavu54.3.0 cpuflags:0x53db   |              |                        |            |
| i18n [INFO ]: Unloading language definition   |              |                        |            |
| Spotify [INFO ]: Using library version 12.1.51.g86c92b43 Release Darwin-x86_64  |              |                        |            |
| TCP [INFO ]: http-server: Listening on port 42000   |              |                        |            |
| UDP [INFO ]: nmb: Listening on port 56484   |              |                        |            |
| UDP [INFO ]: bittorrent udp tracker: Listening on port 50952  |              |                        |            |
| navigator [INFO ]: Opening page:home  |              |                        |            |
| 2015-06-13 13:39:14.437 showtime[37298:83949] Unable to create windowed pixel format.   |              |                        |            |

#### Associated revisions

Revision ab1f620b - 06/15/2015 10:08 PM - Andreas Smas

osx: Don't require accelerated opengl surface

Fixes #2686

#### History

#1 - 06/13/2015 02:01 PM - Leonid Protasov

- Subject changed from Can't start compiled Movian on OSX 10.10.3 in VM to Movian can't start in OSX if hardware acceleration of OpenGL is not available

The cause is that in /src/arch/osx/GLWView.m you use:

```
- (id)initWithFrame:(NSRect)frameRect :(struct glw_root *)root :(bool)fs
{
    NSOpenGLPixelFormat *wpf;
    NSOpenGLPixelFormatAttribute attribs_windowed[] = {
        NSOpenGLPFAWindow,
        NSOpenGLPFAColorSize, 32,
        NSOpenGLPFAAccelerated,
        NSOpenGLPFADoubleBuffer,
        NSOpenGLPFASingleRenderer,
```

```
0};

NSOpenGLPixelFormatAttribute attribs_fs[] = {
    NSOpenGLPFADoubleBuffer,
    0};

wpf = [[NSOpenGLPixelFormat alloc]
    initWithAttributes: fs ? attribs_fs : attribs_windowed];

if(wpf == nil) {
    NSLog(@"Unable to create windowed pixel format.");
    exit(0);
}
```

if(wpf == nil) just try to open it without NSOpenGLPFAAccelerated. I commented that string recompiled and Movan runs there  
/plugin\_assets/redmine\_wiki\_extensions/images/smile.png

## **#2 - 06/15/2015 10:08 PM - Andreas Smas**

Great of you to figure out what was wrong. I might have given up :-)

## **#3 - 06/15/2015 10:09 PM - Andreas Smas**

- Status changed from *New* to *Fixed*
- % Done changed from *0* to *100*

Applied in changeset commit:git|ab1f620bd6f1d458ca17421d921b24a602236ce4.