

Re: [patch 1/5] video sysfs support – take 2: Add dev argument for backlight\_device\_register.

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- *From:* Richard Purdie <[rpurdie@xxxxxxxxx](mailto:rpurdie@xxxxxxxxx)>
  - *Date:* Sat, 30 Dec 2006 15:35:35 +0000
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On Wed, 2006-11-08 at 00:33 +0800, Yu Luming wrote:

This patch set adds generic abstract layer support for acpi video driver to have generic user interface to control backlight and output switch control by leveraging the existing backlight sysfs class driver, and by adding a new video output sysfs class driver.

Patch 1/5: adds dev argument for backlight\_device\_register to link the class device to real device object. The platform specific driver should find a way to get the real device object for their video device.

signed-off-by: Luming Yu <[Luming.yu@xxxxxxxxx](mailto:Luming.yu@xxxxxxxxx)>

---  
drivers/acpi/asus\_acpi.c | 2 +-  
drivers/acpi/ibm\_acpi.c | 2 +-  
drivers/acpi/toshiba\_acpi.c | 3 ++-  
drivers/video/backlight/backlight.c | 7 +++++-  
include/linux/backlight.h | 2 +-  
5 files changed, 10 insertions(+), 6 deletions(-)

diff --git a/drivers/video/backlight/backlight.c b/drivers/video/backlight/backlight.c  
index 27597c5..1d97cdf 100644

--- a/drivers/video/backlight/backlight.c  
+++ b/drivers/video/backlight/backlight.c  
@@ -190,8 +190,10 @@ static int fb\_notifier\_callback(struct n  
\* Creates and registers new backlight class\_device. Returns either an  
\* ERR\_PTR() or a pointer to the newly allocated device.  
\*/  
-struct backlight\_device \*backlight\_device\_register(const char \*name, void \*devdata,  
- struct backlight\_properties \*bp)  
+struct backlight\_device \*backlight\_device\_register(const char \*name,  
+ struct device \*dev,  
+ void \*devdata,  
+ struct backlight\_properties \*bp)  
{  
int i, rc;  
struct backlight\_device \*new\_bd;

Re: [patch 1/5] video sysfs support – take 2: Add dev argument for backlight\_device\_register.

This patch breaks several platforms. If you're going to add parameters to a function like backlight\_device\_register, you could at least grep the tree and update all the users :-).

To top it off, someone noticed some of the failures and fixed them but nobody thought to fix the drivers in drivers/video/backlight itself and a mac reference seems to have escaped too.

I'll send a patch to to Andrew to clean up this mess...

Richard

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