

[PATCH] ALSA: emu10k1: add error handling for snd_ctl_add

2 messages

Zhouyang Jia <jazhouyang09@gmail.com>

Cc: Zhouyang Jia <jazhouyang09@gmail.com>, Jaroslav Kysela <perex@perex.cz>, Takashi Iwai <tiwai@suse.com>, Bhumika Goyal <bhumirks@gmail.com>, "Maciej S. Szmigiero" <mail@maciej.szmigiero.name>, alsa-devel@alsa-project.org, linux-kernel@vger.kernel.org

Mon, Jun 11, 2018 at 4:18 AM

When snd_ctl_add fails, the lack of error-handling code may cause unexpected results.

This patch adds error-handling code after calling snd_ctl_add.

Signed-off-by: Zhouyang Jia <jazhouyang09@gmail.com>

sound/pci/emu10k1/emupcm.c | 4 +++-
1 file changed, 3 insertions(+), 1 deletion(-)

diff --git a/sound/pci/emu10k1/emupcm.c b/sound/pci/emu10k1/emupcm.c
index d39458a..69f9b10 100644
--- a/sound/pci/emu10k1/emupcm.c
+++ b/sound/pci/emu10k1/emupcm.c
@@ -1858,7 +1858,9 @@ int snd_emu10k1_pcm_efx(struct snd_emu10k1 *emu, int device)
 if (!kctl)
 return -ENOMEM;
 kctl->id.device = device;
- snd_ctl_add(emu->card, kctl);
+ err = snd_ctl_add(emu->card, kctl);
+ if (err < 0)
+ return err;

 snd_pcm_lib_preallocate_pages_for_all(pcm, SNDRV_DMA_TYPE_DEV, snd_dma_pci_data(emu->pci), 64*1024, 64*1024);
--
2.7.4

Takashi Iwai <tiwai@suse.de>

To: Zhouyang Jia <jazhouyang09@gmail.com>
Cc: alsa-devel@alsa-project.org, Bhumika Goyal <bhumirks@gmail.com>, "Maciej S. Szmigiero" <mail@maciej.szmigiero.name>, Jaroslav Kysela <perex@perex.cz>, linux-kernel@vger.kernel.org

Mon, Jun 11, 2018 at 9:26 AM

On Mon, 11 Jun 2018 10:18:40 +0200,
Zhouyang Jia wrote:
>
> When snd_ctl_add fails, the lack of error-handling code may
> cause unexpected results.
>
> This patch adds error-handling code after calling snd_ctl_add.
>
> Signed-off-by: Zhouyang Jia <jazhouyang09@gmail.com>

Applied, thanks.

Takashi