

# Bad page state at free\_hot\_cold\_page

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-01/msg04692.html>

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- *From:* Chase Venters <[chase.venters@xxxxxxxxxxxxx](mailto:chase.venters@xxxxxxxxxxxxx)>
  - *Date:* Thu, 12 Jan 2006 03:00:59 -0600
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Greetings,

(I'm posting this to LKML and CK because I'm not sure if any of 2.6.15-ck1's changes might cause this scenario)

Recently I've noticed that after my desktop has been up for a while, my music playback / mouse cursor movement will on occasion pause briefly. I got frustrated with it a minute ago and decided to kill artsd, wondering if there could be issues with both arts and amarok's backend holding the audio device open at once.

When running killall artsd, I locked up for a second and found this in dmesg:

Bad page state at free\_hot\_cold\_page (in process 'artsd', page b1761620)

flags:0x80000404 mapping:00000000 mapcount:0 count:0

Backtrace:

```
[<b0148e9a>] bad_page+0x84/0xbc
[<b0149699>] free_hot_cold_page+0x65/0x13a
[<b05b6901>] _spin_unlock_irqrestore+0xf/0x23
[<b0153bf1>] zap_pte_range+0x1d1/0x28f
[<b0153d70>] unmap_page_range+0xc1/0x122
[<b0153ebe>] unmap_vmas+0xed/0x242
[<b0158099>] unmap_region+0xb4/0x156
[<b01583e2>] do_munmap+0x108/0x144
[<b015846f>] sys_munmap+0x51/0x76
[<b0102eff>] sysenter_past_esp+0x54/0x75
```

Trying to fix it up, but a reboot is needed

Bad page state at free\_hot\_cold\_page (in process 'artsd', page b1761640)

flags:0x80000404 mapping:00000000 mapcount:0 count:0

Backtrace:

```
[<b0148e9a>] bad_page+0x84/0xbc
[<b0149699>] free_hot_cold_page+0x65/0x13a
[<b05b6901>] _spin_unlock_irqrestore+0xf/0x23
[<b0153bf1>] zap_pte_range+0x1d1/0x28f
[<b0153d70>] unmap_page_range+0xc1/0x122
[<b0153ebe>] unmap_vmas+0xed/0x242
[<b0158099>] unmap_region+0xb4/0x156
[<b01583e2>] do_munmap+0x108/0x144
[<b015846f>] sys_munmap+0x51/0x76
[<b0102eff>] sysenter_past_esp+0x54/0x75
```

Trying to fix it up, but a reboot is needed

Bad page state at free\_hot\_cold\_page (in process 'artsd', page b1761660)

## Bad page state at free\_hot\_cold\_page

flags:0x80000404 mapping:00000000 mapcount:0 count:0

Backtrace:

```
[<b0148e9a>] bad_page+0x84/0xbc  
[<b0149699>] free_hot_cold_page+0x65/0x13a  
[<b05b6901>] _spin_unlock_irqrestore+0xf/0x23  
[<b0153bf1>] zap_pte_range+0x1d1/0x28f  
[<b0153d70>] unmap_page_range+0xc1/0x122  
[<b0153ebe>] unmap_vmas+0xed/0x242  
[<b0158099>] unmap_region+0xb4/0x156  
[<b01583e2>] do_munmap+0x108/0x144  
[<b015846f>] sys_munmap+0x51/0x76  
[<b0102eff>] sysenter_past_esp+0x54/0x75
```

Trying to fix it up, but a reboot is needed

Bad page state at free\_hot\_cold\_page (in process 'artsd', page b1761680)

flags:0x80000404 mapping:00000000 mapcount:0 count:0

Backtrace:

```
[<b0148e9a>] bad_page+0x84/0xbc  
[<b0149699>] free_hot_cold_page+0x65/0x13a  
[<b05b6901>] _spin_unlock_irqrestore+0xf/0x23  
[<b0153bf1>] zap_pte_range+0x1d1/0x28f  
[<b0153d70>] unmap_page_range+0xc1/0x122  
[<b0153ebe>] unmap_vmas+0xed/0x242  
[<b0158099>] unmap_region+0xb4/0x156  
[<b01583e2>] do_munmap+0x108/0x144  
[<b015846f>] sys_munmap+0x51/0x76  
[<b0102eff>] sysenter_past_esp+0x54/0x75
```

Trying to fix it up, but a reboot is needed

Bad page state at free\_hot\_cold\_page (in process 'artsd', page b17616a0)

flags:0x80000404 mapping:00000000 mapcount:0 count:0

Backtrace:

```
[<b0148e9a>] bad_page+0x84/0xbc  
[<b0149699>] free_hot_cold_page+0x65/0x13a  
[<b05b6901>] _spin_unlock_irqrestore+0xf/0x23  
[<b0153bf1>] zap_pte_range+0x1d1/0x28f  
[<b0153d70>] unmap_page_range+0xc1/0x122  
[<b0153ebe>] unmap_vmas+0xed/0x242  
[<b0158099>] unmap_region+0xb4/0x156  
[<b01583e2>] do_munmap+0x108/0x144  
[<b015846f>] sys_munmap+0x51/0x76  
[<b0102eff>] sysenter_past_esp+0x54/0x75
```

Trying to fix it up, but a reboot is needed

Bad page state at free\_hot\_cold\_page (in process 'artsd', page b17616c0)

flags:0x80000404 mapping:00000000 mapcount:0 count:0

Backtrace:

```
[<b0148e9a>] bad_page+0x84/0xbc  
[<b0149699>] free_hot_cold_page+0x65/0x13a  
[<b0153bf1>] zap_pte_range+0x1d1/0x28f  
[<b0153d70>] unmap_page_range+0xc1/0x122  
[<b0153ebe>] unmap_vmas+0xed/0x242  
[<b0158099>] unmap_region+0xb4/0x156  
[<b01583e2>] do_munmap+0x108/0x144
```

Bad page state at free\_hot\_cold\_page

## Bad page state at free\_hot\_cold\_page

```
[<b015846f>] sys_munmap+0x51/0x76
[<b0102eff>] sysenter_past_esp+0x54/0x75
Trying to fix it up, but a reboot is needed
Bad page state at free_hot_cold_page (in process 'artsd', page b17616e0)
flags:0x80000404 mapping:00000000 mapcount:0 count:0
Backtrace:
[<b0148e9a>] bad_page+0x84/0xbc
[<b0149699>] free_hot_cold_page+0x65/0x13a
[<b0153bf1>] zap_pte_range+0x1d1/0x28f
[<b0153d70>] unmap_page_range+0xc1/0x122
[<b0153ebe>] unmap_vmas+0xed/0x242
[<b0158099>] unmap_region+0xb4/0x156
[<b01583e2>] do_munmap+0x108/0x144
[<b015846f>] sys_munmap+0x51/0x76
[<b0102eff>] sysenter_past_esp+0x54/0x75
Trying to fix it up, but a reboot is needed
Bad page state at free_hot_cold_page (in process 'artsd', page b1761700)
flags:0x80000404 mapping:00000000 mapcount:0 count:0
Backtrace:
[<b0148e9a>] bad_page+0x84/0xbc
[<b0149699>] free_hot_cold_page+0x65/0x13a
[<b05b6901>] _spin_unlock_irqrestore+0xf/0x23
[<b0153bf1>] zap_pte_range+0x1d1/0x28f
[<b0153d70>] unmap_page_range+0xc1/0x122
[<b0153ebe>] unmap_vmas+0xed/0x242
[<b0158099>] unmap_region+0xb4/0x156
[<b01583e2>] do_munmap+0x108/0x144
[<b015846f>] sys_munmap+0x51/0x76
[<b0102eff>] sysenter_past_esp+0x54/0x75
Trying to fix it up, but a reboot is needed
Bad page state at free_hot_cold_page (in process 'artsd', page b1761720)
flags:0x80000404 mapping:00000000 mapcount:0 count:0
Backtrace:
[<b0148e9a>] bad_page+0x84/0xbc
[<b0149699>] free_hot_cold_page+0x65/0x13a
[<b05b6901>] _spin_unlock_irqrestore+0xf/0x23
[<b0153bf1>] zap_pte_range+0x1d1/0x28f
[<b0153d70>] unmap_page_range+0xc1/0x122
[<b0153ebe>] unmap_vmas+0xed/0x242
[<b0158099>] unmap_region+0xb4/0x156
[<b01583e2>] do_munmap+0x108/0x144
[<b015846f>] sys_munmap+0x51/0x76
[<b0102eff>] sysenter_past_esp+0x54/0x75
Trying to fix it up, but a reboot is needed
Bad page state at free_hot_cold_page (in process 'artsd', page b1761740)
flags:0x80000404 mapping:00000000 mapcount:0 count:0
Backtrace:
[<b0148e9a>] bad_page+0x84/0xbc
[<b0149699>] free_hot_cold_page+0x65/0x13a
[<b05b6901>] _spin_unlock_irqrestore+0xf/0x23
[<b0153bf1>] zap_pte_range+0x1d1/0x28f
```

Bad page state at free\_hot\_cold\_page

## Bad page state at free\_hot\_cold\_page

[<b0153d70>] unmap\_page\_range+0xc1/0x122  
[<b0153ebe>] unmap\_vmas+0xed/0x242  
[<b0158099>] unmap\_region+0xb4/0x156  
[<b01583e2>] do\_munmap+0x108/0x144  
[<b015846f>] sys\_munmap+0x51/0x76  
[<b0102eff>] sysenter\_past\_esp+0x54/0x75  
Trying to fix it up, but a reboot is needed  
Bad page state at free\_hot\_cold\_page (in process 'artsd', page b1761760)  
flags:0x80000404 mapping:00000000 mapcount:0 count:0

Backtrace:

[<b0148e9a>] bad\_page+0x84/0xbc  
[<b0149699>] free\_hot\_cold\_page+0x65/0x13a  
[<b05b6901>] \_spin\_unlock\_irqrestore+0xf/0x23  
[<b0153bf1>] zap\_pte\_range+0x1d1/0x28f  
[<b0153d70>] unmap\_page\_range+0xc1/0x122  
[<b0153ebe>] unmap\_vmas+0xed/0x242  
[<b0158099>] unmap\_region+0xb4/0x156  
[<b01583e2>] do\_munmap+0x108/0x144  
[<b015846f>] sys\_munmap+0x51/0x76  
[<b0102eff>] sysenter\_past\_esp+0x54/0x75

Trying to fix it up, but a reboot is needed

Bad page state at free\_hot\_cold\_page (in process 'artsd', page b1761780)  
flags:0x80000404 mapping:00000000 mapcount:0 count:0

Backtrace:

[<b0148e9a>] bad\_page+0x84/0xbc  
[<b0149699>] free\_hot\_cold\_page+0x65/0x13a  
[<b05b6901>] \_spin\_unlock\_irqrestore+0xf/0x23  
[<b0153bf1>] zap\_pte\_range+0x1d1/0x28f  
[<b0153d70>] unmap\_page\_range+0xc1/0x122  
[<b0153ebe>] unmap\_vmas+0xed/0x242  
[<b0158099>] unmap\_region+0xb4/0x156  
[<b01583e2>] do\_munmap+0x108/0x144  
[<b015846f>] sys\_munmap+0x51/0x76  
[<b0102eff>] sysenter\_past\_esp+0x54/0x75

Trying to fix it up, but a reboot is needed

Bad page state at free\_hot\_cold\_page (in process 'artsd', page b17617a0)  
flags:0x80000404 mapping:00000000 mapcount:0 count:0

Backtrace:

[<b0148e9a>] bad\_page+0x84/0xbc  
[<b0149699>] free\_hot\_cold\_page+0x65/0x13a  
[<b05b6901>] \_spin\_unlock\_irqrestore+0xf/0x23  
[<b0153bf1>] zap\_pte\_range+0x1d1/0x28f  
[<b0153d70>] unmap\_page\_range+0xc1/0x122  
[<b0153ebe>] unmap\_vmas+0xed/0x242  
[<b0158099>] unmap\_region+0xb4/0x156  
[<b01583e2>] do\_munmap+0x108/0x144  
[<b015846f>] sys\_munmap+0x51/0x76  
[<b0102eff>] sysenter\_past\_esp+0x54/0x75

Trying to fix it up, but a reboot is needed

Bad page state at free\_hot\_cold\_page (in process 'artsd', page b17617c0)  
flags:0x80000404 mapping:00000000 mapcount:0 count:0

Bad page state at free\_hot\_cold\_page

## Bad page state at free\_hot\_cold\_page

Backtrace:

```
[<b0148e9a>] bad_page+0x84/0xbc  
[<b0149699>] free_hot_cold_page+0x65/0x13a  
[<b0153bf1>] zap_pte_range+0x1d1/0x28f  
[<b0153d70>] unmap_page_range+0xc1/0x122  
[<b0153ebe>] unmap_vmas+0xed/0x242  
[<b0158099>] unmap_region+0xb4/0x156  
[<b01583e2>] do_munmap+0x108/0x144  
[<b015846f>] sys_munmap+0x51/0x76  
[<b0102eff>] sysenter_past_esp+0x54/0x75  
Trying to fix it up, but a reboot is needed  
Bad page state at free_hot_cold_page (in process 'artsd', page b17617e0)  
flags:0x80000404 mapping:00000000 mapcount:0 count:0
```

Backtrace:

```
[<b0148e9a>] bad_page+0x84/0xbc  
[<b0149699>] free_hot_cold_page+0x65/0x13a  
[<b0153bf1>] zap_pte_range+0x1d1/0x28f  
[<b0153d70>] unmap_page_range+0xc1/0x122  
[<b0153ebe>] unmap_vmas+0xed/0x242  
[<b0158099>] unmap_region+0xb4/0x156  
[<b01583e2>] do_munmap+0x108/0x144  
[<b015846f>] sys_munmap+0x51/0x76  
[<b0102eff>] sysenter_past_esp+0x54/0x75  
Trying to fix it up, but a reboot is needed
```

Any thoughts? Further diagnostics?

Thanks,  
Chase

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• **Follow-Ups:**

- ◆ **[Re: \[ck\] Bad page state at free hot cold page](#)**  
◇ From: Andreas Mohr

- Prev by Date: **[Re: \[BUG 2.6.15-git5\] new alsa power management completely broken](#)**
- Next by Date: **[Re: \[PATCH\] pktcdvd & udf bugfixes](#)**
- Previous by thread: **[\[kernel-2.6.15\] Fix PCI irq mapping for lite5200](#)**
- Next by thread: **[Re: \[ck\] Bad page state at free hot cold page](#)**
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