

Re: 2.6.16-rc1-mm2

Source: <http://linux.derkeiler.com/Mailing-Lists/Kernel/2006-01/msg08198.html>

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 - *Date:* Sat, 21 Jan 2006 12:22:51 +1300
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On 21/01/2006 12:15 a.m., Andrew Morton wrote:

<ftp://ftp.kernel.org/pub/linux/kernel/people/akpm/patches/2.6/2.6.16-rc1/2.6.16-rc1-mm2/>

- This kernel has a big ACPI update
- reiser3 should be safe(r) to use.

Known problems:

- You'll probably see something like this

```
Memory: 4017084k/6291456k available (2896k kernel code, 176452k reserved, 1868k data, 208k
BUG: sleeping function called from invalid context at kernel/mutex.c:84          in_atomic(
Call Trace: <ffffffff8012374e>{__might_sleep+177} <ffffffff803cd7da>{mutex_lock+26}
<ffffffff8016b533>{kmem_cache_create+161} <ffffffff8063b0fb>{free_all_boo
```

in early boot. Please ignore.

- drivers/i2c/busses/scx200_acb.c doesn't compile on architectures which don't have asm/msr.h.

Seems good here so far (yet to fully test, -mm1 broke reiser too bad for me to test that very much).

Noted this when shutting down:

```
Starting killall: [ OK ]
Sending all processes the TERM signal...
Sending all processes the KILL signal...
Saving random seed:
Syncing hardware clock to system time
Turning off swap:
Unmounting pipe file systems:
Unmounting file systems:
Please stand by while rebooting the system...
md: stopping all md devices.
md: md1 switched to read-only mode.
BUG: unable to handle kernel NULL pointer dereference<6>md: md2 switched
to read-only mode.
at virtual address 0000001c
printing eip:
b02a6951
*pde = 00000000
Oops: 0000 [#1]
SMP
last sysfs file: /devices/pci0000:00/0000:00:1f.3/i2c-0/0-002e/vrm
Modules linked in: iptable_mangle iptable_nat ip_nat ip_conntrack
nfnetlink iptable_filter ip_tables nfsd exportfs lockd sunrpc ipv6 ip_gre
binfmt_misc serio_raw piix hw_random
CPU: 0
EIP: 0060:[<b02a6951>] Not tainted VLI
EFLAGS: 00010002 (2.6.16-rc1-mm2 #1)
EIP is at bitmap_daemon_work+0x144/0x391
eax: 0000001c ebx: b17fbc00 ecx: b17fbc00 edx: 00000286
esi: efdb7ec0 edi: 00000206 ebp: efc90e4c esp: efc90e24
ds: 007b es: 007b ss: 0068
Process md2_raid1 (pid: 382, threadinfo=efc90000 task=efca4030)
Stack: <0>00000000 efdb7eec 0003c9f0 b17fbc00 00000000 0003d1ef 00000020
efdc2340
efdaec00 efc90000 efc90e8c b02a25a7 efc90e5c b0313488 efc90e68 0000001e
b0456364 00000001 00000000 efc90eb4 b0115d87 b0456368 efc90f2c efdc2340
Call Trace:
[<b0103bf5>] show_stack_log_lvl+0xc5/0xea
[<b0103db7>] show_registers+0x19d/0x22b
[<b0103f70>] die+0x12b/0x23b
[<b01140d4>] do_page_fault+0x27a/0x5de
[<b0103737>] error_code+0x4f/0x54
[<b02a25a7>] md_check_recovery+0x1a/0x44a
[<b029b645>] raid1d+0x2e/0xf55
```

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```
[<b02a32c4>] md_thread+0x44/0x14f
[<b012ea27>] kthread+0xa5/0xca
[<b0100d25>] kernel_thread_helper+0x5/0xb
Code: 00 83 45 e0 01 8b 4d e0 39 4e 1c 77 9b 8b 45 e4 85 c0 74 4f 8b 45
dc e8 9e cb 06 00 89 c2 8b 4d e4 8b 41 14 01 c0 01 c0 03 46 4c <8b> 08 f6
c1 04 0f 84 50 01 00 00 83 e1 fb 89 08 8b 45 dc e8 22
<6>md: md3 switched to read-only mode.
md: md4 switched to read-only mode.
md: md5 switched to read-only mode.
md: md0 still in use.
Synchronizing SCSI cache for disk sdc:
Synchronizing SCSI cache for disk sdb:
Synchronizing SCSI cache for disk sda:
Restarting system.
```

reuben

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