

Reproducible panic under heavy disk I/O on 5.4-latestandthegreatest

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/hackers/2005-09/0139.html>

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To: freebsd-hackers@freebsd.org

The command that causes the panic is:

```
# duplicity / rsync://backuphost:873/kutelol
```

It generally traverses the whole FS. When 500-600M are uploaded to backuphost, the machine (the one that runs duplicity command) panics.

Below I have attached "uname -a" and "ident /boot/kernel/kernel" commands output, the kernel config file, dmesg output and backtraces with WITNESS_COUNT set to 200 (default) and 20000.

Note that I get different panic 'reasons' with WITNESS_COUNT=200 vs. WITNESS_COUNT=20000.

Should I submit a PR (without a fix :/)?

---- uname begins here ----

```
FreeBSD kutelol.bg.datamax 5.4-STABLE FreeBSD 5.4-STABLE #18: Wed Sep 7 18:54:20 EEST 2005  
root@kutelol.bg.datamax:/usr/src/sys/i386/compile/KUTELO1 i386
```

---- uname ends here ----

---- ident-kernel begins here ----

/boot/kernel/kernel:

```
$FreeBSD: src/sys/contrib/ipfilter/netinet/fil.c,v 1.39.2.3 2005/03/13 18:12:04 rwatson Exp $  
$FreeBSD: src/sys/contrib/ipfilter/netinet/ip_auth.c,v 1.36.2.1 2005/03/13 18:08:56 rwatson Exp $  
$FreeBSD: src/sys/contrib/ipfilter/netinet/ip_fil.c,v 1.47.2.4 2005/03/13 18:08:56 rwatson Exp $  
$FreeBSD: src/sys/contrib/ipfilter/netinet/ip_frag.c,v 1.25.2.1 2005/03/13 18:08:56 rwatson Exp $  
$FreeBSD: src/sys/contrib/ipfilter/netinet/ip_nat.c,v 1.34.2.4 2005/03/13 18:08:56 rwatson Exp $  
$FreeBSD: src/sys/contrib/ipfilter/netinet/ip_proxy.c,v 1.22.6.1 2005/03/13 18:08:56 rwatson Exp $  
$FreeBSD: src/sys/contrib/ipfilter/netinet/ip_state.c,v 1.33.2.1 2005/03/13 18:08:56 rwatson Exp $  
$FreeBSD: src/sys/ddb/db_access.c,v 1.18.2.1 2005/01/30 00:59:21 imp Exp $  
$FreeBSD: src/sys/ddb/db_break.c,v 1.24.2.1 2005/01/30 00:59:21 imp Exp $  
$FreeBSD: src/sys/ddb/db_command.c,v 1.57.2.2 2005/01/30 00:59:21 imp Exp $  
$FreeBSD: src/sys/ddb/db_examine.c,v 1.31.4.1 2005/01/30 00:59:21 imp Exp $  
$FreeBSD: src/sys/ddb/db_expr.c,v 1.16.4.1 2005/01/30 00:59:21 imp Exp $
```

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\$FreeBSD: src/sys/ddb/db_input.c,v 1.35.4.1 2005/01/30 00:59:21 imp Exp \$
\$FreeBSD: src/sys/ddb/db_lex.c,v 1.21.4.1 2005/01/30 00:59:21 imp Exp \$
\$FreeBSD: src/sys/ddb/db_main.c,v 1.3.2.1 2005/01/30 00:59:21 imp Exp \$
\$FreeBSD: src/sys/ddb/db_output.c,v 1.31.2.2 2005/01/30 00:59:21 imp Exp \$
\$FreeBSD: src/sys/ddb/db_print.c,v 1.28.2.1 2005/01/30 00:59:21 imp Exp \$
\$FreeBSD: src/sys/ddb/db_ps.c,v 1.52.2.3 2005/02/05 01:02:27 das Exp \$
\$FreeBSD: src/sys/ddb/db_run.c,v 1.24.2.1 2005/01/30 00:59:21 imp Exp \$
\$FreeBSD: src/sys/ddb/db_sym.c,v 1.35.2.1 2005/01/30 00:59:22 imp Exp \$
\$FreeBSD: src/sys/ddb/db_thread.c,v 1.1.2.3 2005/01/30 00:59:22 imp Exp \$
\$FreeBSD: src/sys/ddb/db_variables.c,v 1.21.2.2 2005/01/30 00:59:22 imp Exp \$
\$FreeBSD: src/sys/ddb/db_watch.c,v 1.25.4.1 2005/01/30 00:59:22 imp Exp \$
\$FreeBSD: src/sys/ddb/db_write_cmd.c,v 1.14.4.1 2005/01/30 00:59:22 imp Exp \$
\$FreeBSD: src/sys/dev/ata/ata-all.c,v 1.222.2.11 2005/04/04 16:42:35 kensmith Exp \$
\$FreeBSD: src/sys/dev/ata/ata-queue.c,v 1.32.2.7 2005/04/08 03:23:51 mdodd Exp \$
\$FreeBSD: src/sys/dev/ata/ata-lowlevel.c,v 1.44.2.5 2005/03/24 18:44:27 mdodd Exp \$
\$FreeBSD: src/sys/dev/ata/ata-isa.c,v 1.22.2.1 2004/10/10 15:01:47 sos Exp \$
\$FreeBSD: src/sys/dev/ata/ata-pci.c,v 1.87.2.4 2005/03/23 04:40:10 mdodd Exp \$
\$FreeBSD: src/sys/dev/ata/ata-chipset.c,v 1.81.2.7 2005/06/01 14:39:23 jhb Exp \$
\$FreeBSD: src/sys/dev/ata/ata-dma.c,v 1.129.2.3 2004/11/21 04:05:52 scottl Exp \$
\$FreeBSD: src/sys/dev/ata/ata-disk.c,v 1.175.2.3 2005/03/01 19:37:41 gad Exp \$
\$FreeBSD: src/sys/dev/ata/atapi-cd.c,v 1.170.2.2 2005/02/28 13:59:02 phk Exp \$
\$FreeBSD: src/sys/dev/eisa/eisaconf.c,v 1.69.2.1 2005/01/30 00:59:38 imp Exp \$
\$FreeBSD: src/sys/dev/led/led.c,v 1.13 2004/07/10 15:38:27 phk Exp \$
\$FreeBSD: src/sys/dev/mem/memdev.c,v 1.3 2004/08/04 18:30:31 markm Exp \$
\$FreeBSD: src/sys/dev/mii/amphy.c,v 1.16.2.1 2005/01/30 00:59:53 imp Exp \$
\$FreeBSD: src/sys/dev/mii/bmtphy.c,v 1.8.2.1 2005/01/30 00:59:53 imp Exp \$
\$FreeBSD: src/sys/dev/mii/brgphy.c,v 1.31.2.3 2005/05/19 21:12:04 ps Exp \$
\$FreeBSD: src/sys/dev/mii/ciphy.c,v 1.1.2.2 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/dcphy.c,v 1.26.2.1 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/e1000phy.c,v 1.13.2.1 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/exphy.c,v 1.18.2.1 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/inphy.c,v 1.14 2004/05/30 17:57:40 phk Exp \$
\$FreeBSD: src/sys/dev/mii/mii.c,v 1.20.2.2 2005/03/21 16:05:34 glebius Exp \$
\$FreeBSD: src/sys/dev/mii/mii_physubr.c,v 1.21 2004/05/29 18:09:10 marius Exp \$
\$FreeBSD: src/sys/dev/mii/mlphy.c,v 1.19.2.1 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/nsphy.c,v 1.22.2.1 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/nsgphy.c,v 1.18.2.1 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/pnphy.c,v 1.17 2004/05/29 18:09:10 marius Exp \$
\$FreeBSD: src/sys/dev/mii/pnaphy.c,v 1.14.2.1 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/rgephy.c,v 1.5.2.1 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/rlphy.c,v 1.20.2.1 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/ruephy.c,v 1.4 2004/05/30 17:57:40 phk Exp \$
\$FreeBSD: src/sys/dev/mii/tdkphy.c,v 1.15.2.1 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/tlphy.c,v 1.17.2.1 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/ukphy.c,v 1.16.2.1 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/ukphy_subr.c,v 1.8 2004/05/29 18:09:10 marius Exp \$
\$FreeBSD: src/sys/dev/mii/xmphy.c,v 1.16.2.1 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/lxtphy.c,v 1.13.2.1 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/qsphy.c,v 1.13.2.1 2005/01/30 00:59:54 imp Exp \$
\$FreeBSD: src/sys/dev/mii/acphy.c,v 1.15.2.1 2005/01/30 00:59:53 imp Exp \$
\$FreeBSD: src/sys/dev/null/null.c,v 1.30 2004/08/02 19:59:41 markm Exp \$

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\$FreeBSD: src/sys/dev/pci/eisa_pci.c,v 1.6 2004/05/30 20:08:37 phk Exp \$
\$FreeBSD: src/sys/dev/pci/fixup_pci.c,v 1.6 2004/05/30 17:57:41 phk Exp \$
\$FreeBSD: src/sys/dev/pci/ignore_pci.c,v 1.4 2004/05/30 17:57:41 phk Exp \$
\$FreeBSD: src/sys/dev/pci/isa_pci.c,v 1.12 2004/05/30 17:57:42 phk Exp \$
\$FreeBSD: src/sys/dev/pci/pci.c,v 1.264.2.11 2005/06/29 15:25:01 jhb Exp \$
\$FreeBSD: src/sys/dev/pci/pci_pci.c,v 1.33 2004/07/01 07:46:28 jhb Exp \$
\$FreeBSD: src/sys/dev/pci/pci_user.c,v 1.17 2004/06/16 09:46:53 phk Exp \$
\$FreeBSD: src/sys/dev/ppbus/ppb_1284.c,v 1.14 2003/08/24 17:54:16 obrien Exp \$
\$FreeBSD: src/sys/dev/ppbus/ppb_base.c,v 1.14 2003/08/24 17:54:16 obrien Exp \$
\$FreeBSD: src/sys/dev/ppbus/ppb_msq.c,v 1.14 2003/08/24 17:54:16 obrien Exp \$
\$FreeBSD: src/sys/dev/ppbus/ppbconf.c,v 1.23 2003/08/24 17:54:16 obrien Exp \$
\$FreeBSD: src/sys/dev/ppbus/ppi.c,v 1.38 2004/07/09 16:56:46 cognet Exp \$
\$FreeBSD: src/sys/dev/random/harvest.c,v 1.24 2004/04/16 17:07:11 markm Exp \$
\$FreeBSD: src/sys/dev/random/randomdev.c,v 1.58 2004/08/02 20:42:28 markm Exp \$
\$FreeBSD: src/sys/dev/random/probe.c,v 1.2.2.1 2005/02/12 17:48:01 iedowse Exp \$
\$FreeBSD: src/sys/dev/random/yarrow.c,v 1.44 2004/04/09 15:47:09 markm Exp \$
\$FreeBSD: src/sys/dev/random/hash.c,v 1.12 2004/04/09 15:47:09 markm Exp \$
\$FreeBSD: src/sys/crypto/rijndael/rijndael-alg-fst.c,v 1.7 2003/11/10 10:33:39 ume Exp \$
\$FreeBSD: src/sys/crypto/rijndael/rijndael-api-fst.c,v 1.11 2003/11/10 10:33:39 ume Exp \$
\$FreeBSD: src/sys/crypto/sha2/sha2.c,v 1.7 2003/09/08 18:32:33 phk Exp \$
\$FreeBSD: src/sys/dev/sio/sio_pci.c,v 1.16.2.1 2004/11/07 22:33:05 njl Exp \$
\$FreeBSD: src/sys/dev/usb/hid.c,v 1.23.4.1 2005/01/30 01:00:09 imp Exp \$
\$FreeBSD: src/sys/dev/usb/ohci.c,v 1.144.2.4 2005/03/22 00:56:54 iedowse Exp \$
\$FreeBSD: src/sys/dev/usb/ohci_pci.c,v 1.40.2.1 2005/03/03 05:02:15 obrien Exp \$
\$FreeBSD: src/sys/dev/usb/ugen.c,v 1.88.2.5 2005/01/30 01:00:10 imp Exp \$
\$FreeBSD: src/sys/dev/usb/uhci.c,v 1.154.2.5 2005/03/22 00:56:54 iedowse Exp \$
\$FreeBSD: src/sys/dev/usb/uhci_pci.c,v 1.54.2.3 2005/03/03 05:02:15 obrien Exp \$
\$FreeBSD: src/sys/dev/usb/uhub.c,v 1.62.2.5 2005/03/31 19:36:59 iedowse Exp \$
\$FreeBSD: src/sys/dev/usb/ums.c,v 1.70.2.2 2005/01/30 01:00:10 imp Exp \$
\$FreeBSD: src/sys/dev/usb/usb.c,v 1.100.2.3 2005/03/31 19:33:44 iedowse Exp \$
\$FreeBSD: src/sys/dev/usb/usb_ethersubr.c,v 1.17.4.2 2005/04/01 12:46:26 sobomax Exp \$
\$FreeBSD: src/sys/dev/usb/usb_mem.c,v 1.6.2.1 2005/01/30 01:00:10 imp Exp \$
\$FreeBSD: src/sys/dev/usb/usb_quirks.c,v 1.38.2.2 2005/01/30 01:00:10 imp Exp \$
\$FreeBSD: src/sys/dev/usb/usb_subr.c,v 1.69.2.5 2005/03/02 10:56:51 sobomax Exp \$
\$FreeBSD: src/sys/dev/usb/usbdi.c,v 1.86.2.4 2005/03/03 01:54:58 iedowse Exp \$
\$FreeBSD: src/sys/dev/usb/usbdi_util.c,v 1.32.2.2 2005/03/02 10:56:52 sobomax Exp \$
\$FreeBSD: src/sys/dev/watchdog/watchdog.c,v 1.2 2004/06/16 09:47:02 phk Exp \$
\$FreeBSD: src/sys/fs/procfs/procfs_status.c,v 1.52.2.4 2005/03/01 09:30:16 obrien Exp \$
\$FreeBSD: src/sys/geom/geom_ctl.c,v 1.32.2.3 2005/04/12 13:31:31 pjd Exp \$
\$FreeBSD: src/sys/geom/geom_dev.c,v 1.79.2.3 2005/02/28 19:32:24 phk Exp \$
\$FreeBSD: src/sys/geom/geom_disk.c,v 1.91.2.3 2005/02/28 18:42:01 phk Exp \$
\$FreeBSD: src/sys/geom/geom_dump.c,v 1.31 2004/03/10 08:49:08 phk Exp \$
\$FreeBSD: src/sys/geom/geom_event.c,v 1.50.2.1 2005/02/28 19:32:24 phk Exp \$
\$FreeBSD: src/sys/geom/geom_io.c,v 1.57.2.4 2005/01/30 03:02:10 rwatson Exp \$
\$FreeBSD: src/sys/geom/geom_kern.c,v 1.34.2.1 2004/09/28 18:16:51 pjd Exp \$
\$FreeBSD: src/sys/geom/geom_slice.c,v 1.55.2.1 2004/08/19 06:56:50 phk Exp \$
\$FreeBSD: src/sys/geom/geom_subr.c,v 1.81.2.2 2005/02/28 19:32:24 phk Exp \$
\$FreeBSD: src/sys/isa/isa_common.c,v 1.37 2004/03/17 17:50:51 njl Exp \$
\$FreeBSD: src/sys/isa/isahint.c,v 1.14.4.1 2004/11/07 22:33:06 njl Exp \$
\$FreeBSD: src/sys/isa/orm.c,v 1.5 2004/07/05 17:26:04 imp Exp \$
\$FreeBSD: src/sys/isa/pnp.c,v 1.16 2003/06/11 00:32:45 obrien Exp \$

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\$FreeBSD: src/sys/isa/pnpparse.c,v 1.14 2003/06/11 00:32:45 obrien Exp \$
\$FreeBSD: src/sys/isofs/cd9660/cd9660_bmap.c,v 1.13 2004/04/07 20:46:09 imp Exp \$
\$FreeBSD: src/sys/isofs/cd9660/cd9660_lookup.c,v 1.39 2004/07/03 16:56:45 phk Exp \$
\$FreeBSD: src/sys/isofs/cd9660/cd9660_node.c,v 1.49.2.2 2005/03/01 11:32:31 phk Exp \$
\$FreeBSD: src/sys/isofs/cd9660/cd9660_rrip.c,v 1.28 2004/07/03 16:56:45 phk Exp \$
\$FreeBSD: src/sys/isofs/cd9660/cd9660_util.c,v 1.22 2004/04/07 20:46:09 imp Exp \$
\$FreeBSD: src/sys/isofs/cd9660/cd9660_vfsops.c,v 1.121.2.1 2005/02/21 10:58:07 rwatson Exp \$
\$FreeBSD: src/sys/isofs/cd9660/cd9660_vnops.c,v 1.98 2004/04/07 20:46:09 imp Exp \$
\$FreeBSD: src/sys/kern/imgact_elf.c,v 1.155 2004/08/11 02:35:05 marcel Exp \$
\$FreeBSD: src/sys/kern/imgact_shell.c,v 1.26.4.3 2005/03/02 00:00:13 gad Exp \$
\$FreeBSD: src/sys/kern/init_main.c,v 1.246.2.8 2005/03/07 17:03:17 des Exp \$
\$FreeBSD: src/sys/kern/kern_acct.c,v 1.71.2.3 2005/03/01 09:30:16 obrien Exp \$
\$FreeBSD: src/sys/kern/kern_acl.c,v 1.45 2004/07/26 07:24:03 cperciva Exp \$
\$FreeBSD: src/sys/kern/kern_clock.c,v 1.172.2.3 2005/03/01 09:30:16 obrien Exp \$
\$FreeBSD: src/sys/kern/kern_condvar.c,v 1.50.2.1 2004/09/03 15:14:14 jhb Exp \$
\$FreeBSD: src/sys/kern/kern_conf.c,v 1.155 2004/08/15 06:24:40 jmg Exp \$
\$FreeBSD: src/sys/kern/kern_context.c,v 1.7 2003/11/09 20:31:03 marcel Exp \$
\$FreeBSD: src/sys/kern/kern_cpu.c,v 1.10.2.3 2005/08/12 17:26:37 njl Exp \$
\$FreeBSD: src/sys/kern/kern_descrip.c,v 1.243.2.7 2005/04/23 21:53:04 ps Exp \$
\$FreeBSD: src/sys/kern/kern_environment.c,v 1.34.2.2 2005/03/10 17:09:16 des Exp \$
\$FreeBSD: src/sys/kern/kern_event.c,v 1.79.2.9 2005/06/29 18:08:31 ps Exp \$
\$FreeBSD: src/sys/kern/kern_exec.c,v 1.249.2.5 2005/02/27 02:40:09 jeff Exp \$
\$FreeBSD: src/sys/kern/kern_exit.c,v 1.245.2.11 2005/04/27 13:00:29 davidxu Exp \$
\$FreeBSD: src/sys/kern/kern_fork.c,v 1.234.2.9 2005/04/27 11:32:23 davidxu Exp \$
\$FreeBSD: src/sys/kern/kern_idle.c,v 1.40.2.2 2005/02/23 14:52:49 ssouhlal Exp \$
\$FreeBSD: src/sys/kern/kern_intr.c,v 1.113.2.5 2005/01/31 23:26:15 imp Exp \$
\$FreeBSD: src/sys/kern/kern_jail.c,v 1.44.2.2 2005/02/22 15:49:22 cperciva Exp \$
\$FreeBSD: src/sys/kern/kern_kse.c,v 1.193.2.13 2005/03/02 05:01:43 csjp Exp \$
\$FreeBSD: src/sys/kern/kern_kthread.c,v 1.32.4.2 2005/01/31 23:26:16 imp Exp \$
\$FreeBSD: src/sys/kern/kern_ktrace.c,v 1.96.2.3 2005/07/01 00:30:50 pjd Exp \$
\$FreeBSD: src/sys/kern/kern_linker.c,v 1.113.2.2 2005/06/11 13:12:39 pjd Exp \$
\$FreeBSD: src/sys/kern/kern_lock.c,v 1.74.2.3 2005/01/31 23:26:16 imp Exp \$
\$FreeBSD: src/sys/kern/kern_lockf.c,v 1.50.2.1 2005/01/31 23:26:16 imp Exp \$
\$FreeBSD: src/sys/kern/kern_mac.c,v 1.113.2.2 2005/05/05 18:36:03 rhodes Exp \$
\$FreeBSD: src/sys/kern/kern_malloc.c,v 1.135.2.3 2005/04/16 18:41:07 rwatson Exp \$
\$FreeBSD: src/sys/kern/kern_mbuf.c,v 1.3.2.4 2005/02/16 22:21:35 bmilekic Exp \$
\$FreeBSD: src/sys/kern/kern_mib.c,v 1.71.2.2 2005/03/03 00:46:31 wes Exp \$
\$FreeBSD: src/sys/kern/kern_module.c,v 1.45.2.2 2005/02/18 22:15:45 ps Exp \$
\$FreeBSD: src/sys/kern/kern_mutex.c,v 1.147.2.4 2005/03/28 20:17:30 jhb Exp \$
\$FreeBSD: src/sys/kern/kern_mtxpool.c,v 1.9.4.1 2005/01/29 21:50:57 rwatson Exp \$
\$FreeBSD: src/sys/kern/kern_ntptime.c,v 1.54.2.2 2005/04/21 20:33:05 ps Exp \$
\$FreeBSD: src/sys/kern/kern_physio.c,v 1.64.2.1 2005/01/31 23:26:16 imp Exp \$
\$FreeBSD: src/sys/kern/kern_proc.c,v 1.215.2.6 2005/03/22 13:40:23 pjd Exp \$
\$FreeBSD: src/sys/kern/kern_prot.c,v 1.187.2.3 2005/01/31 23:26:16 imp Exp \$
\$FreeBSD: src/sys/kern/kern_resource.c,v 1.143.2.3 2005/04/21 22:19:22 ps Exp \$
\$FreeBSD: src/sys/kern/kern_sema.c,v 1.5.2.1 2005/01/31 23:26:16 imp Exp \$
\$FreeBSD: src/sys/kern/kern_shutdown.c,v 1.163.2.4 2005/01/07 20:09:08 jhb Exp \$
\$FreeBSD: src/sys/kern/kern_sig.c,v 1.289.2.8 2005/06/23 05:50:58 davidxu Exp \$
\$FreeBSD: src/sys/kern/kern_subr.c,v 1.88.2.2 2005/01/31 23:26:16 imp Exp \$
\$FreeBSD: src/sys/kern/kern_sx.c,v 1.24.2.1 2005/01/31 23:26:16 imp Exp \$
\$FreeBSD: src/sys/kern/kern_synch.c,v 1.257.2.8 2005/03/01 09:30:18 obrien Exp \$

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\$FreeBSD: src/sys/kern/kern_syscalls.c,v 1.11 2004/07/15 08:26:05 phk Exp \$
\$FreeBSD: src/sys/kern/kern_sysctl.c,v 1.159.2.1 2005/02/13 14:13:53 rwatson Exp \$
\$FreeBSD: src/sys/kern/kern_tc.c,v 1.162 2004/08/14 08:33:49 phk Exp \$
\$FreeBSD: src/sys/kern/kern_thr.c,v 1.23.2.8 2005/02/05 01:04:45 das Exp \$
\$FreeBSD: src/sys/kern/kern_thread.c,v 1.193.2.13 2005/06/23 04:44:09 davidxu Exp \$
\$FreeBSD: src/sys/kern/kern_time.c,v 1.108.2.7 2005/04/23 17:28:40 ps Exp \$
\$FreeBSD: src/sys/kern/kern_timeout.c,v 1.91.2.3 2005/05/11 11:38:14 glebius Exp \$
\$FreeBSD: src/sys/kern/kern_umtx.c,v 1.16.2.1 2005/01/31 23:26:16 imp Exp \$
\$FreeBSD: src/sys/kern/kern_uuid.c,v 1.7.2.1 2005/01/31 23:26:16 imp Exp \$
\$FreeBSD: src/sys/kern/kern_xxx.c,v 1.42.2.2 2005/01/31 23:26:16 imp Exp \$
\$FreeBSD: src/sys/kern/link_elf.c,v 1.81 2004/08/09 18:46:13 green Exp \$
\$FreeBSD: src/sys/kern/md5c.c,v 1.23.4.1 2005/01/31 23:26:17 imp Exp \$
\$FreeBSD: src/sys/kern/sched_4bsd.c,v 1.49.2.16 2005/07/03 20:08:04 ups Exp \$
\$FreeBSD: src/sys/kern/kern_switch.c,v 1.78.2.19 2005/07/03 20:08:04 ups Exp \$
\$FreeBSD: src/sys/kern/subr_autoconf.c,v 1.21.2.1 2005/01/31 23:26:17 imp Exp \$
\$FreeBSD: src/sys/kern/subr_blist.c,v 1.17 2004/06/04 04:03:25 alc Exp \$
\$FreeBSD: src/sys/kern/subr_bus.c,v 1.156.2.7 2005/05/06 02:50:00 cperciva Exp \$
\$FreeBSD: src/sys/kern/subr_devstat.c,v 1.49.2.1 2005/01/31 23:26:17 imp Exp \$
\$FreeBSD: src/sys/kern/subr_disk.c,v 1.80.4.2 2005/01/31 23:26:17 imp Exp \$
\$FreeBSD: src/sys/kern/subr_eventhandler.c,v 1.21 2003/06/11 00:56:57 obrien Exp \$
\$FreeBSD: src/sys/kern/subr_hints.c,v 1.9.4.1 2005/03/13 18:05:26 jmg Exp \$
\$FreeBSD: src/sys/kern/subr_kdb.c,v 1.5.2.4 2005/07/03 19:35:15 ups Exp \$
\$FreeBSD: src/sys/kern/subr_kobj.c,v 1.8 2003/10/16 09:16:28 dfr Exp \$
\$FreeBSD: src/sys/kern/subr_log.c,v 1.62.2.1 2005/01/31 23:26:17 imp Exp \$
\$FreeBSD: src/sys/kern/subr_module.c,v 1.8 2003/06/11 00:56:57 obrien Exp \$
\$FreeBSD: src/sys/kern/subr_param.c,v 1.64.2.2 2005/01/31 23:26:17 imp Exp \$
\$FreeBSD: src/sys/kern/subr_pcpu.c,v 1.5.4.1 2005/01/31 23:26:17 imp Exp \$
\$FreeBSD: src/sys/kern/subr_power.c,v 1.5 2004/01/02 18:24:13 njl Exp \$
\$FreeBSD: src/sys/kern/subr_prf.c,v 1.113 2004/07/10 21:39:15 marcel Exp \$
\$FreeBSD: src/sys/kern/subr_prof.c,v 1.74 2004/07/16 21:04:55 jhb Exp \$
\$FreeBSD: src/sys/kern/subr_rman.c,v 1.35.2.2 2005/01/31 23:26:17 imp Exp \$
\$FreeBSD: src/sys/kern/subr_sbuf.c,v 1.28 2004/07/09 11:37:44 des Exp \$
\$FreeBSD: src/sys/kern/subr_scanf.c,v 1.17 2004/04/05 21:03:35 imp Exp \$
\$FreeBSD: src/sys/kern/subr_sleepqueue.c,v 1.10.2.5 2005/04/26 18:01:31 jhb Exp \$
\$FreeBSD: src/sys/kern/subr_smp.c,v 1.188.2.5 2005/05/01 05:34:47 dwhite Exp \$
\$FreeBSD: src/sys/kern/subr_taskqueue.c,v 1.24 2004/08/08 02:37:21 jmg Exp \$
\$FreeBSD: src/sys/kern/subr_trap.c,v 1.270.2.6 2005/03/01 09:30:18 obrien Exp \$
\$FreeBSD: src/sys/kern/subr_turnstile.c,v 1.147.2.2 2004/10/08 19:47:23 jhb Exp \$
\$FreeBSD: src/sys/kern/subr_witness.c,v 1.178.2.8 2005/05/04 19:26:30 vkashyap Exp \$
\$FreeBSD: src/sys/kern/sys_generic.c,v 1.132.2.8 2005/07/14 19:08:22 jhb Exp \$
\$FreeBSD: src/sys/kern/sys_pipe.c,v 1.177.2.3 2005/02/27 02:39:33 jeff Exp \$
\$FreeBSD: src/sys/kern/sys_process.c,v 1.127.2.3 2005/03/29 07:24:45 das Exp \$
\$FreeBSD: src/sys/kern/sys_socket.c,v 1.63.2.3 2005/04/01 15:02:12 rwatson Exp \$
\$FreeBSD: src/sys/kern/sysv_ipc.c,v 1.27.4.1 2005/01/31 23:26:17 imp Exp \$
\$FreeBSD: src/sys/kern/sysv_msg.c,v 1.53.2.6 2005/05/05 19:57:03 ps Exp \$
\$FreeBSD: src/sys/kern/sysv_sem.c,v 1.70.2.4 2005/05/05 18:53:13 rwatson Exp \$
\$FreeBSD: src/sys/kern/sysv_shm.c,v 1.96.2.5 2005/06/01 14:17:35 jhb Exp \$
\$FreeBSD: src/sys/kern/tty.c,v 1.228.2.5 2005/05/07 17:47:39 scottl Exp \$
\$FreeBSD: src/sys/kern/tty_compat.c,v 1.37 2004/06/21 22:57:15 phk Exp \$
\$FreeBSD: src/sys/kern/tty_conf.c,v 1.24 2004/07/15 20:47:40 phk Exp \$
\$FreeBSD: src/sys/kern/tty_cons.c,v 1.127.2.1 2005/01/31 23:26:17 imp Exp \$

freebsd-hackers: Reproducible panic under heavy disk I/O on 5.4-latestandthegreatest

\$FreeBSD: src/sys/kern/tty_pty.c,v 1.129.2.1 2005/01/31 23:26:17 imp Exp \$
\$FreeBSD: src/sys/kern/tty_subr.c,v 1.42.2.1 2005/01/31 23:26:17 imp Exp \$
\$FreeBSD: src/sys/kern/tty_tty.c,v 1.54 2004/06/17 17:16:49 phk Exp \$
\$FreeBSD: src/sys/kern/uipc_accf.c,v 1.11.2.5 2005/06/26 06:59:49 maxim Exp \$
\$FreeBSD: src/sys/kern/uipc_domain.c,v 1.36.2.1 2005/01/31 23:26:17 imp Exp \$
\$FreeBSD: src/sys/kern/uipc_jumbo.c,v 1.10 2004/07/23 19:36:18 alc Exp \$
\$FreeBSD: src/sys/kern/uipc_mbuf.c,v 1.135.2.5 2005/05/11 21:54:43 emax Exp \$
\$FreeBSD: src/sys/kern/uipc_mbuf2.c,v 1.26.2.1 2005/01/31 23:26:17 imp Exp \$
\$FreeBSD: src/sys/kern/uipc_proto.c,v 1.24 2004/04/05 21:03:36 imp Exp \$
\$FreeBSD: src/sys/kern/uipc_socket.c,v 1.208.2.22 2005/08/05 13:30:10 gnn Exp \$
\$FreeBSD: src/sys/kern/uipc_socket2.c,v 1.137.2.7 2005/06/10 08:35:40 rwatson Exp \$
\$FreeBSD: src/sys/kern/uipc_syscalls.c,v 1.200.2.9 2005/06/10 08:41:56 rwatson Exp \$
\$FreeBSD: src/sys/kern/uipc_usrreq.c,v 1.138.2.14 2005/05/08 10:19:37 cperciva Exp \$
\$FreeBSD: src/sys/kern/vfs_bio.c,v 1.444.2.3 2005/06/26 23:55:50 green Exp \$
\$FreeBSD: src/sys/kern/vfs_cache.c,v 1.87.2.1 2005/01/31 23:26:18 imp Exp \$
\$FreeBSD: src/sys/kern/vfs_cluster.c,v 1.150.2.2 2005/08/16 15:09:44 sobomax Exp \$
\$FreeBSD: src/sys/kern/vfs_default.c,v 1.97.2.2 2005/02/23 23:06:29 alc Exp \$
\$FreeBSD: src/sys/kern/vfs_export.c,v 1.327.2.2 2005/01/31 23:26:18 imp Exp \$
\$FreeBSD: src/sys/kern/vfs_init.c,v 1.72.2.1 2005/01/31 23:26:18 imp Exp \$
\$FreeBSD: src/sys/kern/vfs_lookup.c,v 1.64.2.2 2005/04/23 21:53:04 ps Exp \$
\$FreeBSD: src/sys/kern/vfs_mount.c,v 1.138.2.3 2005/02/28 19:32:24 phk Exp \$
\$FreeBSD: src/sys/kern/vfs_subr.c,v 1.522.2.6 2005/05/20 04:16:47 csjp Exp \$
\$FreeBSD: src/sys/kern/vfs_syscalls.c,v 1.356.2.4 2005/04/23 22:02:07 ps Exp \$
\$FreeBSD: src/sys/kern/vfs_vnops.c,v 1.207.2.4 2005/05/01 01:26:25 csjp Exp \$
\$FreeBSD: src/sys/libkern/arc4random.c,v 1.12 2003/08/15 06:34:47 silby Exp \$
\$FreeBSD: src/sys/libkern/bcd.c,v 1.6.4.1 2005/01/31 23:26:21 imp Exp \$
\$FreeBSD: src/sys/libkern/bsearch.c,v 1.7.2.1 2005/01/31 23:26:21 imp Exp \$
\$FreeBSD: src/sys/libkern/crc32.c,v 1.2.4.1 2005/01/31 23:26:21 imp Exp \$
\$FreeBSD: src/sys/libkern/index.c,v 1.9 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/inet_ntoa.c,v 1.5.4.1 2005/01/31 23:26:21 imp Exp \$
\$FreeBSD: src/sys/libkern/qsrt.c,v 1.15 2004/07/15 23:58:23 glebius Exp \$
\$FreeBSD: src/sys/libkern/qsrt.c,v 1.15 2004/07/15 23:58:23 glebius Exp \$
\$FreeBSD: src/sys/libkern/fnmatch.c,v 1.18.2.1 2005/01/31 23:26:21 imp Exp \$
\$FreeBSD: src/sys/libkern/random.c,v 1.13 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/rindex.c,v 1.10.2.1 2005/01/31 23:26:21 imp Exp \$
\$FreeBSD: src/sys/libkern/scanc.c,v 1.11 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/skpc.c,v 1.8 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/strcat.c,v 1.10.2.1 2005/01/31 23:26:21 imp Exp \$
\$FreeBSD: src/sys/libkern/strcmp.c,v 1.10 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/strcpy.c,v 1.11.2.1 2005/01/31 23:26:21 imp Exp \$
\$FreeBSD: src/sys/libkern/strdup.c,v 1.5 2003/06/11 05:23:04 obrien Exp \$
\$FreeBSD: src/sys/libkern/strlcat.c,v 1.8.8.1 2005/01/31 23:26:21 imp Exp \$
\$FreeBSD: src/sys/libkern/strncpy.c,v 1.6.8.1 2005/01/31 23:26:21 imp Exp \$
\$FreeBSD: src/sys/libkern/strlen.c,v 1.9 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/strncmp.c,v 1.10.2.1 2005/01/31 23:26:21 imp Exp \$
\$FreeBSD: src/sys/libkern/strncpy.c,v 1.10 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/strsep.c,v 1.7 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/strtol.c,v 1.8 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/strtoq.c,v 1.6 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/strtoul.c,v 1.6 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/strtouq.c,v 1.6 2004/04/07 20:46:10 imp Exp \$

freebsd-hackers: Reproducible panic under heavy disk I/O on 5.4-latestandthegreatest

\$FreeBSD: src/sys/libkern/strvalid.c,v 1.3.4.2 2005/02/13 21:30:02 rwatson Exp \$
\$FreeBSD: src/sys/nfs/nfs_common.c,v 1.115.2.1 2005/01/31 23:26:45 imp Exp \$
\$FreeBSD: src/sys/nfsclient/nfs_bio.c,v 1.133.2.3 2005/06/26 23:55:50 green Exp \$
\$FreeBSD: src/sys/nfsclient/nfs_node.c,v 1.67.2.1 2005/01/31 23:26:46 imp Exp \$
\$FreeBSD: src/sys/nfsclient/nfs_socket.c,v 1.114.2.2 2005/01/31 23:26:46 imp Exp \$
\$FreeBSD: src/sys/nfsclient/nfs_subs.c,v 1.130.2.1 2005/01/31 23:26:46 imp Exp \$
\$FreeBSD: src/sys/nfsclient/nfs_nfsiod.c,v 1.81.2.1 2005/01/31 23:26:46 imp Exp \$
\$FreeBSD: src/sys/nfsclient/nfs_vfsops.c,v 1.158.2.5 2005/06/26 23:55:50 green Exp \$
\$FreeBSD: src/sys/nfsclient/nfs_vnops.c,v 1.220.2.1 2005/01/31 23:26:46 imp Exp \$
\$FreeBSD: src/sys/nfsclient/nfs_lock.c,v 1.39 2003/11/14 20:54:08 alfred Exp \$
\$FreeBSD: src/sys/nfs4client/nfs4_socket.c,v 1.3.2.1 2005/01/31 23:26:45 imp Exp \$
\$FreeBSD: src/sys/nfs4client/nfs4_vfsops.c,v 1.11.2.1 2005/01/31 23:26:45 imp Exp \$
\$FreeBSD: src/sys/nfs4client/nfs4_vnops.c,v 1.6.2.1 2005/01/31 23:26:45 imp Exp \$
\$FreeBSD: src/sys/nfsserver/nfs_serv.c,v 1.147.2.5 2005/06/10 08:45:58 rwatson Exp \$
\$FreeBSD: src/sys/nfsserver/nfs_srvsock.c,v 1.92.2.1 2005/01/31 23:26:47 imp Exp \$
\$FreeBSD: src/sys/nfsserver/nfs_srvcache.c,v 1.39.2.1 2005/01/31 23:26:47 imp Exp \$
\$FreeBSD: src/sys/nfsserver/nfs_srvcache.c,v 1.39.2.1 2005/01/31 23:26:47 imp Exp \$
\$FreeBSD: src/sys/nfsserver/nfs_srvsubs.c,v 1.131.2.1 2005/01/31 23:26:47 imp Exp \$
\$FreeBSD: src/sys/nfsserver/nfs_syscalls.c,v 1.101.2.1 2005/01/31 23:26:47 imp Exp \$
\$FreeBSD: src/sys/pci/agp.c,v 1.45.2.1 2005/03/23 06:02:29 alc Exp \$
\$FreeBSD: src/sys/pci/if_rl.c,v 1.145.2.3 2005/03/01 08:11:51 imp Exp \$
\$FreeBSD: src/sys/posix4/ksched.c,v 1.25.4.1 2005/01/31 23:26:52 imp Exp \$
\$FreeBSD: src/sys/posix4/p1003_1b.c,v 1.22.4.2 2005/04/21 20:33:05 ps Exp \$
\$FreeBSD: src/sys/posix4/posix4_mib.c,v 1.8 2003/06/11 06:28:14 obrien Exp \$
\$FreeBSD: src/sys/ufs/ffs/ffs_alloc.c,v 1.123.2.4 2005/02/28 16:04:52 delphij Exp \$
\$FreeBSD: src/sys/ufs/ffs/ffs_balloc.c,v 1.44.2.1 2005/01/31 23:26:59 imp Exp \$
\$FreeBSD: src/sys/ufs/ffs/ffs_inode.c,v 1.93.2.2 2005/04/04 23:52:02 cperciva Exp \$
\$FreeBSD: src/sys/ufs/ffs/ffs_snapshot.c,v 1.84.2.3 2005/03/16 13:39:47 pb Exp \$
\$FreeBSD: src/sys/ufs/ffs/ffs_softdep.c,v 1.156.2.5 2005/08/26 20:39:51 tegge Exp \$
\$FreeBSD: src/sys/ufs/ffs/ffs_softdep_stub.c,v 1.27.4.1 2005/01/31 23:27:00 imp Exp \$
\$FreeBSD: src/sys/ufs/ffs/ffs_subr.c,v 1.39.2.1 2005/01/31 23:27:00 imp Exp \$
\$FreeBSD: src/sys/ufs/ffs/ffs_tables.c,v 1.11.2.1 2005/01/31 23:27:00 imp Exp \$
\$FreeBSD: src/sys/ufs/ffs/ffs_vfsops.c,v 1.240.2.4 2005/02/28 10:33:20 delphij Exp \$
\$FreeBSD: src/sys/ufs/ffs/ffs_vnops.c,v 1.133.2.1 2005/01/31 23:27:00 imp Exp \$
\$FreeBSD: src/sys/ufs/ufs/ufs_acl.c,v 1.20 2004/08/15 06:24:42 jmg Exp \$
\$FreeBSD: src/sys/ufs/ufs/ufs_bmap.c,v 1.60.2.1 2005/01/31 23:27:01 imp Exp \$
\$FreeBSD: src/sys/ufs/ufs/ufs_dirhash.c,v 1.19.2.2 2005/02/28 10:33:21 delphij Exp \$
\$FreeBSD: src/sys/ufs/ufs/ufs_extattr.c,v 1.73.2.1 2005/02/12 16:05:44 rwatson Exp \$
\$FreeBSD: src/sys/ufs/ufs/ufs_ihash.c,v 1.39.2.1 2005/01/31 23:27:01 imp Exp \$
\$FreeBSD: src/sys/ufs/ufs/ufs_inode.c,v 1.54.2.3 2005/03/01 11:32:32 phk Exp \$
\$FreeBSD: src/sys/ufs/ufs/ufs_lookup.c,v 1.71.2.1 2005/01/31 23:27:01 imp Exp \$
\$FreeBSD: src/sys/ufs/ufs/ufs_quota.c,v 1.73.2.1 2005/01/31 23:27:01 imp Exp \$
\$FreeBSD: src/sys/ufs/ufs/ufs_vfsops.c,v 1.39.2.1 2005/01/31 23:27:01 imp Exp \$
\$FreeBSD: src/sys/ufs/ufs/ufs_vnops.c,v 1.242.2.4 2005/04/23 12:29:22 pjd Exp \$
\$FreeBSD: src/sys/vm/default_pager.c,v 1.34.4.1 2005/01/31 23:27:02 imp Exp \$
\$FreeBSD: src/sys/vm/device_pager.c,v 1.75.2.1 2005/01/31 23:27:02 imp Exp \$
\$FreeBSD: src/sys/vm/phys_pager.c,v 1.22.2.1 2005/01/31 23:27:02 imp Exp \$
\$FreeBSD: src/sys/vm/swap_pager.c,v 1.256.2.5 2005/04/02 13:05:15 das Exp \$
\$FreeBSD: src/sys/vm/vm_fault.c,v 1.192.2.4 2005/02/26 20:23:20 alc Exp \$
\$FreeBSD: src/sys/vm/vm_glue.c,v 1.202.2.5 2005/02/23 06:41:44 alc Exp \$
\$FreeBSD: src/sys/vm/vm_init.c,v 1.44.2.2 2005/04/28 00:29:24 kris Exp \$
\$FreeBSD: src/sys/vm/vm_kern.c,v 1.120.2.2 2005/02/23 05:54:52 alc Exp \$

freebsd-hackers: Reproducible panic under heavy disk I/O on 5.4-latestandthegreatest

\$FreeBSD: src/sys/vm/vm_map.c,v 1.360.2.3 2005/02/23 06:52:56 alc Exp \$
\$FreeBSD: src/sys/vm/vm_meter.c,v 1.76.2.4 2005/05/16 19:10:58 kris Exp \$
\$FreeBSD: src/sys/vm/vm_mmap.c,v 1.192.2.3 2005/05/18 00:32:05 csjp Exp \$
\$FreeBSD: src/sys/vm/vm_object.c,v 1.331.2.5 2005/08/15 14:59:53 tegge Exp \$
\$FreeBSD: src/sys/vm/vm_page.c,v 1.290.2.6 2005/03/02 04:00:04 alc Exp \$
\$FreeBSD: src/sys/vm/vm_pageq.c,v 1.14 2004/06/07 19:33:05 netchild Exp \$
\$FreeBSD: src/sys/vm/vm_contig.c,v 1.38.2.5 2005/08/15 15:01:59 tegge Exp \$
\$FreeBSD: src/sys/vm/vm_zeroidle.c,v 1.26.2.6 2005/02/23 15:03:56 ssouhlal Exp \$
\$FreeBSD: src/sys/vm/vm_pageout.c,v 1.261.2.5 2005/08/15 14:59:53 tegge Exp \$
\$FreeBSD: src/sys/vm/vm_pager.c,v 1.95.2.3 2005/08/16 15:09:44 sobomax Exp \$
\$FreeBSD: src/sys/vm/vm_unix.c,v 1.45.2.1 2005/01/31 23:27:04 imp Exp \$
\$FreeBSD: src/sys/vm/uma_core.c,v 1.105.2.8 2005/02/16 21:53:08 bmilekic Exp \$
\$FreeBSD: src/sys/vm/uma_dbg.c,v 1.15.2.4 2005/02/16 21:53:08 bmilekic Exp \$
\$FreeBSD: src/sys/vm/vnode_pager.c,v 1.196.2.8 2005/08/16 15:09:44 sobomax Exp \$
\$FreeBSD: src/sys/dev/fb/fb.c,v 1.32 2004/07/15 08:26:00 phk Exp \$
\$FreeBSD: src/sys/dev/fb/splash.c,v 1.14 2004/05/30 20:08:31 phk Exp \$
\$FreeBSD: src/sys/dev/fb/vga.c,v 1.31.2.2 2005/02/14 09:34:40 obrien Exp \$
\$FreeBSD: src/sys/dev/fdc/fdc.c,v 1.283.2.7 2005/03/01 08:22:55 yongari Exp \$
\$FreeBSD: src/sys/dev/fdc/fdc_acpi.c,v 1.2.2.3 2004/09/30 20:04:56 jhb Exp \$
\$FreeBSD: src/sys/dev/fdc/fdc_isa.c,v 1.9.2.5 2005/01/30 00:59:41 imp Exp \$
\$FreeBSD: src/sys/dev/kbd/atkbd.c,v 1.43.2.1 2005/01/07 20:36:00 jhb Exp \$
\$FreeBSD: src/sys/dev/kbd/atkbd.c,v 1.15 2003/08/24 17:49:15 obrien Exp \$
\$FreeBSD: src/sys/dev/kbd/kbd.c,v 1.42 2004/06/16 09:46:48 phk Exp \$
\$FreeBSD: src/sys/dev/io/iodev.c,v 1.2 2004/08/02 20:42:28 markm Exp \$
\$FreeBSD: src/sys/dev/mem/memutil.c,v 1.1 2004/08/04 18:30:31 markm Exp \$
\$FreeBSD: src/sys/dev/random/nehemiah.c,v 1.2 2004/04/17 19:26:53 markm Exp \$
\$FreeBSD: src/sys/dev/sio/sio.c,v 1.450.2.1 2005/02/12 15:38:09 rwatson Exp \$
\$FreeBSD: src/sys/dev/sio/sio_isa.c,v 1.14.2.1 2005/01/30 01:00:01 imp Exp \$
\$FreeBSD: src/sys/dev/syscons/schistory.c,v 1.19 2004/01/21 05:08:51 grehan Exp \$
\$FreeBSD: src/sys/dev/syscons/scmouse.c,v 1.36 2003/08/24 18:17:23 obrien Exp \$
\$FreeBSD: src/sys/dev/syscons/scterm.c,v 1.6 2003/08/24 18:17:24 obrien Exp \$
\$FreeBSD: src/sys/dev/syscons/scterm-dumb.c,v 1.6 2004/01/21 05:08:51 grehan Exp \$
\$FreeBSD: src/sys/dev/syscons/scterm-sc.c,v 1.21 2004/05/30 20:08:42 phk Exp \$
\$FreeBSD: src/sys/dev/syscons/scvesactl.c,v 1.20 2004/06/16 09:46:58 phk Exp \$
\$FreeBSD: src/sys/dev/syscons/scvgarndr.c,v 1.15 2004/05/30 20:08:42 phk Exp \$
\$FreeBSD: src/sys/dev/syscons/scvidctl.c,v 1.32 2004/07/13 16:06:19 stefanf Exp \$
\$FreeBSD: src/sys/dev/syscons/scvtb.c,v 1.12 2003/08/24 18:17:24 obrien Exp \$
\$FreeBSD: src/sys/dev/syscons/syscons.c,v 1.427.2.1 2004/09/30 17:49:15 nectar Exp \$
\$FreeBSD: src/sys/dev/syscons/sysmouse.c,v 1.24 2004/07/15 20:47:39 phk Exp \$
\$FreeBSD: src/sys/geom/geom_bsd.c,v 1.70.2.3 2005/03/22 13:41:58 pjd Exp \$
\$FreeBSD: src/sys/geom/geom_bsd_enc.c,v 1.5.4.1 2005/01/31 23:26:00 imp Exp \$
\$FreeBSD: src/sys/geom/geom_mbr.c,v 1.60.2.3 2005/05/25 12:57:02 delphij Exp \$
\$FreeBSD: src/sys/geom/geom_mbr_enc.c,v 1.2.4.1 2005/01/31 23:26:00 imp Exp \$
\$FreeBSD: src/sys/i386/i386/atomic.c,v 1.6 2003/08/25 09:48:46 obrien Exp \$
\$FreeBSD: src/sys/i386/i386/autoconf.c,v 1.178.2.1 2004/11/10 12:42:45 nyan Exp \$
\$FreeBSD: src/sys/i386/i386/bios.c,v 1.70 2004/06/23 17:59:01 jhb Exp \$
\$FreeBSD: src/sys/i386/i386/busdma_machdep.c,v 1.59.2.7 2005/03/15 04:38:53 scottl Exp \$
\$FreeBSD: src/sys/i386/i386/critical.c,v 1.13 2004/03/05 14:23:13 bde Exp \$
\$FreeBSD: src/sys/i386/i386/db_disasm.c,v 1.28.4.1 2005/01/31 23:26:03 imp Exp \$
\$FreeBSD: src/sys/i386/i386/db_interface.c,v 1.82.2.1 2005/01/31 23:26:03 imp Exp \$
\$FreeBSD: src/sys/i386/i386/db_trace.c,v 1.61.2.4 2005/03/25 21:07:21 jhb Exp \$

freebsd-hackers: Reproducible panic under heavy disk I/O on 5.4-latestandthegreatest

\$FreeBSD: src/sys/i386/i386/dump_machdep.c,v 1.9 2003/08/25 09:48:46 obrien Exp \$
\$FreeBSD: src/sys/i386/i386/elf_machdep.c,v 1.20 2004/08/11 02:35:05 marcel Exp \$
\$FreeBSD: src/sys/i386/i386/i686_mem.c,v 1.24 2004/07/01 07:46:28 jhb Exp \$
\$FreeBSD: src/sys/i386/i386/identcpu.c,v 1.139 2004/06/03 21:14:53 phk Exp \$
\$FreeBSD: src/sys/i386/i386/in_cksum.c,v 1.27 2004/04/07 20:46:04 imp Exp \$
\$FreeBSD: src/sys/i386/i386/initcpu.c,v 1.49 2003/11/10 15:48:30 jhb Exp \$
\$FreeBSD: src/sys/i386/i386/io.c,v 1.1 2004/08/01 11:40:52 markm Exp \$
\$FreeBSD: src/sys/i386/i386/k6_mem.c,v 1.11 2003/08/25 09:48:47 obrien Exp \$
\$FreeBSD: src/sys/i386/i386/legacy.c,v 1.56.2.1 2005/02/25 21:44:13 njl Exp \$
\$FreeBSD: src/sys/i386/i386/machdep.c,v 1.597.2.7 2005/04/26 21:20:19 peter Exp \$
\$FreeBSD: src/sys/i386/i386/mem.c,v 1.116 2004/08/04 18:30:31 markm Exp \$
\$FreeBSD: src/sys/i386/i386/nexus.c,v 1.58.2.2 2004/11/07 22:35:36 njl Exp \$
\$FreeBSD: src/sys/i386/i386/pmap.c,v 1.494.2.10 2005/08/08 15:33:53 jhb Exp \$
\$FreeBSD: src/sys/i386/i386/sys_machdep.c,v 1.92.2.3 2005/05/06 02:40:18 cperciva Exp \$
\$FreeBSD: src/sys/i386/i386/trap.c,v 1.267.2.3 2005/05/01 05:34:46 dwhite Exp \$
\$FreeBSD: src/sys/i386/i386/tsc.c,v 1.204 2003/10/21 18:28:34 silby Exp \$
\$FreeBSD: src/sys/i386/i386/uiomachdep.c,v 1.5.2.3 2005/03/11 06:35:26 alc Exp \$
\$FreeBSD: src/sys/i386/i386/vm86.c,v 1.56.4.1 2005/02/05 01:02:49 das Exp \$
\$FreeBSD: src/sys/i386/i386/vm_machdep.c,v 1.241.2.3 2005/03/09 18:59:19 alc Exp \$
\$FreeBSD: src/sys/i386/isa/atpic.c,v 1.18.2.1 2005/03/25 21:08:49 jhb Exp \$
\$FreeBSD: src/sys/i386/isa/clock.c,v 1.213.2.2 2005/05/11 20:02:16 mdodd Exp \$
\$FreeBSD: src/sys/i386/isa/elcr.c,v 1.1.2.1 2005/03/25 21:08:49 jhb Exp \$
\$FreeBSD: src/sys/i386/isa/isa.c,v 1.146.2.1 2005/01/31 23:26:05 imp Exp \$
\$FreeBSD: src/sys/i386/isa/isa_dma.c,v 1.16.2.1 2005/03/07 13:10:47 phk Exp \$
\$FreeBSD: src/sys/i386/isa/nmi.c,v 1.79 2004/04/07 20:46:06 imp Exp \$
\$FreeBSD: src/sys/i386/isa/npx.c,v 1.152.2.3 2005/03/29 07:24:38 das Exp \$
\$FreeBSD: src/sys/i386/isa/vesa.c,v 1.47.2.2 2005/06/29 15:33:23 jhb Exp \$
\$FreeBSD: src/sys/i386/pci/pci_bus.c,v 1.112.2.5 2005/02/14 11:23:42 obrien Exp \$
\$FreeBSD: src/sys/i386/pci/pci_cfgreg.c,v 1.111.2.1 2005/01/31 23:26:07 imp Exp \$
\$FreeBSD: src/sys/i386/pci/pci_pir.c,v 1.114.2.1 2005/01/31 23:26:07 imp Exp \$
\$FreeBSD: src/sys/isa/atkbd_isa.c,v 1.17 2004/05/30 20:27:16 phk Exp \$
\$FreeBSD: src/sys/isa/atkbdc_isa.c,v 1.29.2.1 2004/11/07 22:33:06 njl Exp \$
\$FreeBSD: src/sys/isa/psm.c,v 1.79.2.2 2004/10/01 06:26:51 philip Exp \$
\$FreeBSD: src/sys/isa/syscons_isa.c,v 1.25.2.1 2005/02/14 09:34:40 obrien Exp \$
\$FreeBSD: src/sys/isa/vga_isa.c,v 1.30.2.1 2005/03/13 21:39:29 iedowse Exp \$
\$FreeBSD: src/sys/libkern/divdi3.c,v 1.8 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/ffsl.c,v 1.4 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/flsl.c,v 1.4 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/moddi3.c,v 1.9 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/qdivrem.c,v 1.10 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/ucmpdi2.c,v 1.10 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/udivdi3.c,v 1.8 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/libkern/umoddi3.c,v 1.8 2004/04/07 20:46:10 imp Exp \$
\$FreeBSD: src/sys/pci/agp_ali.c,v 1.12.2.2 2005/03/01 08:11:50 imp Exp \$
\$FreeBSD: src/sys/pci/agp_amd.c,v 1.21.2.1 2005/03/01 08:11:50 imp Exp \$
\$FreeBSD: src/sys/pci/agp_amd64.c,v 1.1.2.4 2005/03/10 23:38:49 obrien Exp \$
\$FreeBSD: src/sys/pci/agp_i810.c,v 1.30.2.2 2005/03/23 05:59:42 alc Exp \$
\$FreeBSD: src/sys/pci/agp_intel.c,v 1.24.2.2 2005/03/01 08:11:50 imp Exp \$
\$FreeBSD: src/sys/pci/agp_nvidia.c,v 1.6.2.1 2005/03/01 08:11:50 imp Exp \$
\$FreeBSD: src/sys/pci/agp_sis.c,v 1.14.2.3 2005/03/01 08:11:50 imp Exp \$
\$FreeBSD: src/sys/pci/agp_via.c,v 1.18.2.3 2005/03/01 08:11:50 imp Exp \$

--- ident-kernel ends here ---

--- kernconf.KUTELO1 begins here ---

```
#  
# KUTELO1 /etc/kernconf.KUTELO1  
#
```

```
machine i386  
cpu I586_CPU  
cpu I686_CPU
```

```
ident KUTELO1
```

```
options INCLUDE_CONFIG_FILE #Include this file in kernel
```

```
maxusers 0
```

```
#####  
# DEBUGGING OPTIONS
```

```
options KTRACE #ktrace(1) support  
makeoptions DEBUG=-g #Build kernel with gdb(1) debug symbols
```

```
# bug hunting  
options WITNESS # detect deadlocks and cycles during locking operations  
options INVARIANTS # extra sanity checking  
options INVARIANT_SUPPORT # support for INVARIANTS, see sys/conf/NOTES  
options MUTEX_DEBUG # MUTEX_DEBUG enables various extra assertions in the mutex code  
options KDB # kernel debugger related code  
options KDB_TRACE # print stack trace on panic  
options KDB_UNATTENDED # don't enter the debugger on panic  
options DDB # online debugger
```

```
#####  
# COMPATIBILITY OPTIONS
```

```
options COMPAT_43 #Compatible with BSD 4.3 [KEEP THIS!]  
options COMPAT_FREEBSD4 #Compatible with FreeBSD4
```

```
options SYSVSHM #SYSV-style shared memory  
options SYSVMSG #SYSV-style message queues  
options SYSVSEM #SYSV-style semaphores
```

```
#####  
# NETWORKING OPTIONS
```

```
options INET #InterNETworking
```

```
#options IPSEC #IP security  
#options IPSEC_ESP #IP security (crypto; define w/ IPSEC)  
#options IPSEC_DEBUG #debug for IP security
```

freebsd-hackers: Reproducible panic under heavy disk I/O on 5.4-latestandthegreatest

```
#
# Network interfaces
#
device loop #Network loopback
device io
device mem
device ether #Ethernet support
device bpf #Berkeley packet filter
#device tun #Packet tunnel.
device ppp #Kernel PPP
device gif #IPv6 and IPv4 tunneling

device pf #PF OpenBSD packet-filter firewall
device pflog #logging support interface for PF
device pfsync #synchronization interface for PF

#
# Internet family options
#
options IPFIREWALL #firewall
options IPFIREWALL_VERBOSE #enable logging to syslogd(8)
#options IPFIREWALL_FORWARD #enable transparent proxy support
options IPFIREWALL_DEFAULT_TO_ACCEPT #allow everything by default

options IPDIVERT #divert sockets

options IPFILTER #ipfilter support
options IPFILTER_LOG #ipfilter logging
options IPFILTER_DEFAULT_BLOCK #block all packets by default

options IPSTEALTH #support for stealth forwarding

options TCPDEBUG

options TCP_DROP_SYNFIN #drop TCP packets with SYN+FIN

options DUMMYNET
options BRIDGE

#####
# FILESYSTEM OPTIONS

options FFS #Berkeley Fast Filesystem
options SOFTUPDATES #Enable FFS soft updates support
options UFS_EXTATTR
options UFS_EXTATTR_AUTOSTART
options UFS_ACL #Support for access control lists
options UFS_DIRHASH #Improve performance on big directories

options CD9660 #ISO 9660 Filesystem
options PSEUDOFS #Pseudo-file system framework
```

freebsd-hackers: Reproducible panic under heavy disk I/O on 5.4-latestandthegreatest

```
options PROCFS #Process filesystem (requires PSEUDofs)
options FDESCFS #File descriptor filesystem

options QUOTA #enable disk quotas

options NFSCLIENT #Network Filesystem Client
options NFSSERVER #Network Filesystem Server
options NFS_MINATTRTIMO=3 #VREG attrib cache timeout in sec
options NFS_MAXATTRTIMO=60
options NFS_MINDIRATTRTIMO=30 #VDIR attrib cache timeout in sec
options NFS_MAXDIRATTRTIMO=60
options NFS_GATHERDELAY=10 #Default write gather delay (msec)
options NFS_WDELAYHASHSIZ=16 #and with this
options NFS_DEBUG #Enable NFS Debugging

device random #Entropy device

#####
# POSIX P1003.1B

options SCHED_4BSD
options _KPOSIX_PRIORITY_SCHEDULING #Posix P1003_1B real-time extensions

#####
# SECURITY POLICY PARAMETERS

# Support for Mandatory Access Control (MAC):
#options MAC
#options MAC_DEBUG
#options MAC_BIBA
#options MAC_BSDEXTENDED
#options MAC_IFOFF
#options MAC_LOMAC
#options MAC_MLS
#options MAC_NONE
#options MAC_PARTITION
#options MAC_SEEOTHERUIDS
#options MAC_TEST

#####
# CLOCK OPTIONS

options HZ=50

#####
# MISCELLANEOUS DEVICES AND OPTIONS

device pty #Pseudo-ttys (telnet etc)
device md #Memory "disks"
```

```
#####  
# HARDWARE DEVICE CONFIGURATION  
  
device isa  
device eisa  
device pci  
  
device agp #support several AGP chipsets  
  
# Floating point support – do not disable.  
device npx  
  
#  
# Mandatory devices  
#  
device atkbd #AT keyboard controller  
device atkbd #AT keyboard  
  
options ATKBD_DFLT_KEYMAP #specify the built-in keymap  
makeoptions ATKBD_DFLT_KEYMAP=bg.phonetic.rctrl  
  
device psm #PS/2 mouse  
  
device vga #VGA video card driver  
#options VGA_ALT_SEQACCESS  
  
device splash #Splash screen and screen saver support  
  
# The syscons console driver (sco color console compatible).  
device sc  
options MAXCONS=16 #number of virtual consoles  
options SC_ALT_MOUSE_IMAGE #simplified mouse cursor in text mode  
options SC_DFLT_FONT #compile font in  
makeoptions SC_DFLT_FONT=cp1251plus  
options SC_HISTORY_SIZE=2048 #number of history buffer lines  
options SC_PIXEL_MODE #add support for the raster text mode  
options SC_TWOBUTTON_MOUSE  
  
options VESA  
  
options FAT_CURSOR #start with block cursor  
  
# ATA and ATAPI devices  
device ata  
device atadisk #ATA disk drives  
device atapicd #ATAPI CDROM drives  
options ATA_STATIC_ID #Static device numbering  
  
# Floppy drives  
device fdc
```

freebsd-hackers: Reproducible panic under heavy disk I/O on 5.4-latestandthegreatest

```
# Serial (COM) ports
device sio #8250, 16[45]50 based serial ports
```

```
#
# Network devices
#
device miibus #MII bus support
device rl
```

```
# Parallel port
device ppbus #Parallel port bus (required)
device ppi #Parallel port interface device
```

```
# USB support
device usb # USB Bus (required)
device uhci # UHCI PCI->USB interface
device ohci # OHCI PCI->USB interface
device ugen # Generic
device ums # Mouse
```

```
options PANIC_REBOOT_WAIT_TIME=45
```

```
# EOF
--- kernconf.KUTELO1 ends here ---
```

```
--- dmesg.WITNESS_COUNT_200 begins here ---
```

```
Copyright (c) 1992-2005 The FreeBSD Project.
```

```
Copyright (c) 1979, 1980, 1983, 1986, 1988, 1989, 1991, 1992, 1993, 1994
```

```
The Regents of the University of California. All rights reserved.
```

```
FreeBSD 5.4-STABLE #12: Fri Sep 2 22:23:43 EEST 2005
```

```
root@kutelo1.bg.datamax:/usr/src/sys/i386/compile/KUTELO1
```

```
WARNING: WITNESS option enabled, expect reduced performance.
```

```
Timecounter "i8254" frequency 1193182 Hz quality 0
```

```
CPU: AMD Duron(tm) processor (800.04-MHz 686-class CPU)
```

```
Origin = "AuthenticAMD" Id = 0x631 Stepping = 1
```

```
Features=0x183f9ff<FPU,VME,DE,PSE,TSC,MSR,PAE,MCE,CX8,SEP,MTRR,PGE,MCA,CMOV,PAT,PSE36,M
```

```
AMD Features=0xc0440000<RSVD,AMIE,DSP,3DNow!>
```

```
real memory = 134152192 (127 MB)
```

```
avail memory = 121413632 (115 MB)
```

```
npx0: <math processor> on motherboard
```

```
npx0: INT 16 interface
```

```
acpi0: <VT8371 AWRDACPI> on motherboard
```

```
acpi0: Power Button (fixed)
```

```
Timecounter "ACPI-fast" frequency 3579545 Hz quality 1000
```

```
acpi_timer0: <24-bit timer at 3.579545MHz> port 0x4008-0x400b on acpi0
```

```
cpu0: <ACPI CPU (3 Cx states)> on acpi0
```

```
acpi_throttle0: <ACPI CPU Throttling> on cpu0
```

```
acpi_button0: <Power Button> on acpi0
```

```
acpi_button1: <Sleep Button> on acpi0
```

```
pcib0: <ACPI Host-PCI bridge> port
```

```
0x6000-0x607f,0x5000-0x500f,0x4080-0x40ff,0x4000-0x407f,0xcf8-0xcff on acpi0
```

freebsd-hackers: Reproducible panic under heavy disk I/O on 5.4-latestandthegreatest

pci0: <ACPI PCI bus> on pcib0
agp0: <VIA 82C8363 (Apollo KT133x/KM133) host to PCI bridge> mem 0xe0000000-0xe3ffffff at device 0.0 on pci0
pcib1: <PCI-PCI bridge> at device 1.0 on pci0
pci1: <PCI bus> on pcib1
pci1: <display, VGA> at device 0.0 (no driver attached)
isab0: <PCI-ISA bridge> at device 7.0 on pci0
isa0: <ISA bus> on isab0
atapci0: <VIA 82C686B UDMA100 controller> port 0xe000-0xe00f,0x376,0x170-0x177,0x3f6,0x1f0-0x1f7 at device 7.1 on pci0
atapci0: Correcting VIA config for southbridge data corruption bug
ata0: channel #0 on atapci0
ata1: channel #1 on atapci0
uhci0: <VIA 83C572 USB controller> port 0xe400-0xe41f irq 12 at device 7.2 on pci0
usb0: <VIA 83C572 USB controller> on uhci0
usb0: USB revision 1.0
uhub0: VIA UHCI root hub, class 9/0, rev 1.00/1.00, addr 1
uhub0: 2 ports with 2 removable, self powered
uhci1: <VIA 83C572 USB controller> port 0xe800-0xe81f irq 12 at device 7.3 on pci0
usb1: <VIA 83C572 USB controller> on uhci1
usb1: USB revision 1.0
uhub1: VIA UHCI root hub, class 9/0, rev 1.00/1.00, addr 1
uhub1: 2 ports with 2 removable, self powered
pci0: <bridge> at device 7.4 (no driver attached)
rl0: <RealTek 8139 10/100BaseTX> port 0xec00-0xecff mem 0xe7000000-0xe70000ff irq 11 at device 13.0 on pci0
miibus0: <MII bus> on rl0
rphy0: <RealTek internal media interface> on miibus0
rphy0: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, auto
rl0: Ethernet address: 00:c0:26:5e:87:f2
fdc0: <floppy drive controller> port 0x3f7,0x3f0-0x3f5 irq 6 drq 2 on acpi0
atkbd0: <Keyboard controller (i8042)> port 0x64,0x60 irq 1 on acpi0
atkbd0: <AT Keyboard> irq 1 on atkbd0
orm0: <ISA Option ROM> at iomem 0xc0000-0xc7fff on isa0
sc0: <System console> at flags 0x100 on isa0
sc0: VGA <16 virtual consoles, flags=0x300>
sio0: configured irq 4 not in bitmap of probed irqs 0
sio0: port may not be enabled
sio0 at port 0x3f8-0x3ff irq 4 flags 0x10 on isa0
sio0: type 8250 or not responding
sio1: configured irq 3 not in bitmap of probed irqs 0
sio1: port may not be enabled
vga0: <Generic ISA VGA> at port 0x3c0-0x3df iomem 0xa0000-0xbffff on isa0
ums0: Logitech USB-PS/2 Optical Mouse, rev 2.00/11.10, addr 2, iclass 3/1
ums0: 3 buttons and Z dir.
Timecounter "TSC" frequency 800035138 Hz quality 800
Timecounters tick every 20.000 msec
IP Filter: v3.4.35 initialized. Default = block all, Logging = enabled
witness_get: witness exhausted
ipfw2 initialized, divert enabled, rule-based forwarding disabled, default to accept, logging unlimited
ad0: 38166MB <ST340014A/3.06> [77545/16/63] at ata0-master UDMA100

freebsd-hackers: Reproducible panic under heavy disk I/O on 5.4-latestandthegreatest

acd0: CDROM <CD-540E/1.0A> at ata1-master PIO4

Mounting root from ufs:/dev/ad0s1a

--- dmesg.WITNESS_COUNT_200 ends here ---

--- bt.WITNESS_COUNT_200 begins here ---

[GDB will not be able to debug user-mode threads: /usr/lib/libthread_db.so: Undefined symbol "ps_pglobal_lookup"]

GNU gdb 6.1.1 [FreeBSD]

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This GDB was configured as "i386-marcel-freebsd".

Ready to go. Enter 'tr' to connect to the remote target with /dev/cuaa0, 'tr /dev/cuaa1' to connect to a different port or 'trf portno' to connect to the remote target with the firewire interface. portno defaults to 5556.

Type 'getsyms' after connection to load kld symbols.

If you're debugging a local system, you can use 'kldsyms' instead to load the kld symbols. That's a less obnoxious interface.

Unread portion of the kernel message buffer:

panic: kmem_malloc(4096): kmem_map too small: 40886272 total allocated

KDB: stack backtrace:

kdb_backtrace(c06c8ec0,c0725480,c06dc6ce,cc5cd820,100) at kdb_backtrace+0x2e

panic(c06dc6ce,1000,26fe000,cc5cd84c,c3122210) at panic+0xb7

kmem_malloc(c103b0c0,1000,102,cc5cd8a0,c0651653) at kmem_malloc+0xab

page_alloc(c1045e40,1000,cc5cd893,102,80c) at page_alloc+0x27

slab_zalloc(c1045e40,102,459c2,cc5cd8d0,c05748da) at slab_zalloc+0xd3

uma_zone_slab(c1045e40,2,c05050fa,c0764820,2) at uma_zone_slab+0x117

uma_zalloc_bucket(c1045e40,2,c06de18c,76d,0) at uma_zalloc_bucket+0x15f

uma_zalloc_arg(c1045e40,0,2,cc5cd944,0) at uma_zalloc_arg+0x36d

cache_enter(c348dd68,c3122210,cc5cdb0,cc5cd9b4,cc5cd9b8) at cache_enter+0xae

ufs_lookup(cc5cda78,cc5cdab4,c0567a99,cc5cda78,cc5cdbac) at ufs_lookup+0xf07

ufs_vnoperate(cc5cda78,cc5cdbac,cc5cdb0,c2b63210,c12ae600) at ufs_vnoperate+0x18

vfs_cache_lookup(cc5cdaf8,cc5cdb14,c056d822,cc5cdaf8,c12ae600) at vfs_cache_lookup+0xe9

ufs_vnoperate(cc5cdaf8,c12ae600,c12ae600,c12ae600,c12ae600) at ufs_vnoperate+0x18

lookup(cc5cdb98,0,c06d0e40,a5,10006) at lookup+0x332

namei(cc5cdb98,cc5cdc6c,cc5cdb9c,60,0) at namei+0x37e

kern_lstat(c12ae600,8144e00,0,cc5cdc6c,417) at kern_lstat+0x4f

lstat(c12ae600,cc5cdd04,c06e2774,3e7,2) at lstat+0x2f

syscall(2f,2f,2f,0,bfbfec00) at syscall+0x2c0

Xint0x80_syscall() at Xint0x80_syscall+0x1f

--- syscall (190, FreeBSD ELF32, lstat), eip = 0x282ee4ef, esp = 0xbfbfc91c, ebp = 0xbfbfca08 ---

Uptime: 3h39m22s

Dumping 127 MB

16 32 48 64 80 96 112

freebsd-hackers: Reproducible panic under heavy disk I/O on 5.4-latestandthegreatest

```
#0 doadump () at pcpu.h:160
160 __asm __volatile("movl %%fs:0,%0" : "=r" (td));
(kgdb) bt
#0 doadump () at pcpu.h:160
During symbol reading, Incomplete CFI data; unspecified registers at 0xc050e9c3.
#1 0xc050f062 in boot (howto=0x104) at ../../kern/kern_shutdown.c:410
#2 0xc050f3d8 in panic (fmt=0xc06dc6ce "kmem_malloc(%ld): kmem_map too small: %ld total allocated")
  at ../../kern/kern_shutdown.c:566
#3 0xc063ef5b in kmem_malloc (map=0xc103b0c0, size=0x1000, flags=0x102) at ../../vm/vm_kern.c:299
#4 0xc0651b47 in page_alloc (zone=0xc1045e40, bytes=0x0, pflag=0x0, wait=0x0) at
  ../../vm/uma_core.c:957
#5 0xc0651653 in slab_zalloc (zone=0xc1045e40, wait=0x102) at ../../vm/uma_core.c:827
#6 0xc0653137 in uma_zone_slab (zone=0xc1045e40, flags=0x2) at ../../vm/uma_core.c:1994
#7 0xc065339f in uma_zalloc_bucket (zone=0xc1045e40, flags=0x2) at ../../vm/uma_core.c:2103
#8 0xc0652fad in uma_zalloc_arg (zone=0xc1045e40, udata=0x0, flags=0x2) at ../../vm/uma_core.c:1911
#9 0xc056746e in cache_enter (dvp=0xc348dd68, vp=0xc3122210, cnp=0xcc5cdb0) at uma.h:276
#10 0xc062ec87 in ufs_lookup (ap=0xcc5cda78) at ../../ufs/ufs/ufs_lookup.c:613
#11
pci1: <PCI bus> on pcib1
pci1: <display, VGA> at device 0.0 (no driver attached)
isab0: <PCI-ISA bridge> at device 7.0 on pci0
isa0: <ISA bus> on isab0
atapci0: <VIA 82C686B UDMA100 controller> port
0xe000-0xe00f,0x376,0x170-0x177,0x3f6,0x1f0-0x1f7 at device 7.1 on pci0
atapci0: Correcting VIA config for southbridge data corruption bug
ata0: channel #0 on atapci0
ata1: channel #1 on atapci0
uhci0: <VIA 83C572 USB controller> port 0xe400-0xe41f irq 12 at device 7.2 on pci0
usb0: <VIA 83C572 USB controller> on uhci0
usb0: USB revision 1.0
uhub0: VIA UHCI root hub, class 9/0, rev 1.00/1.00, addr 1
uhub0: 2 ports with 2 removable, self powered
uhci1: <VIA 83C572 USB controller> port 0xe800-0xe81f irq 12 at device 7.3 on pci0
usb1: <VIA 83C572 USB controller> on uhci1
usb1: USB revision 1.0
uhub1: VIA UHCI root hub, class 9/0, rev 1.00/1.00, addr 1
uhub1: 2 ports with 2 removable, self powered
pci0: <bridge> at device 7.4 (no driver attached)
rl0: <RealTek 8139 10/100BaseTX> port 0xec00-0xecff mem 0xe7000000-0xe70000ff irq 11 at device 13.0
  on pci0
miibus0: <MII bus> on rl0
rphy0: <RealTek internal media interface> on miibus0
rphy0: 10baseT, 10baseT-FDX, 100baseTX, 100baseTX-FDX, auto
rl0: Ethernet address: 00:c0:26:5e:87:f2
fdc0: <floppy drive controller> port 0x3f7,0x3f0-0x3f5 irq 6 drq 2 on acpi0
atkbd0: <Keyboard controller (i8042)> port 0x64,0x60 irq 1 on acpi0
atkbd0: <AT Keyboard> irq 1 on atkbd0
orm0: <ISA Option ROM> at iomem 0xc0000-0xc7fff on isa0
sc0: <System console> at flags 0x100 on isa0
sc0: VGA <16 virtual consoles, flags=0x300>
sio0: configured irq 4 not in bitmap of probed irqs 0
```

freebsd-hackers: Reproducible panic under heavy disk I/O on 5.4-latestandthegreatest

```
sio0: port may not be enabled
sio0 at port 0x3f8-0x3ff irq 4 flags 0x10 on isa0
sio0: type 8250 or not responding
sio1: configured irq 3 not in bitmap of probed irqs 0
sio1: port may not be enabled
vga0: <Generic ISA VGA> at port 0x3c0-0x3df iomem 0xa0000-0xbffff on isa0
ums0: Logitech USB-PS/2 Optical Mouse, rev 2.00/11.10, addr 2, iclass 3/1
ums0: 3 buttons and Z dir.
Timecounter "TSC" frequency 800035266 Hz quality 800
Timecounters tick every 20.000 msec
IP Filter: v3.4.35 initialized. Default = block all, Logging = enabled
ipfw2 initialized, divert enabled, rule-based forwarding disabled, default to accept, logging unlimited
ad0: 38166MB <ST340014A/3.06> [77545/16/63] at ata0-master UDMA100
acd0: CDROM <CD-540E/1.0A> at ata1-master PIO4
Mounting root from ufs:/dev/ad0s1a
lock order reversal
 1st 0xc14f984c inp (udpinp) @ netinet/udp_usrreq.c:762
 2nd 0xc071ae00 ipf filter rwlock (ipf filter rwlock) @ contrib/ipfilter/netinet/fil.c:1107
KDB: stack backtrace:
kdb_backtrace(c06cc4e1,c071ae00,c06b7286,c06b7286,c06b6d17) at kdb_backtrace+0x2e
witness_checkorder(c071ae00,1,c06b6d17,453,0) at witness_checkorder+0x6a6
_sx_slock(c071ae00,c06b6d0e,453,0,0) at _sx_slock+0x7e
fr_check(c14511c4,14,c137a000,1,c80f3abc) at fr_check+0x40c
fr_check_wrapper(0,c80f3abc,c137a000,2,c14f97bc) at fr_check_wrapper+0x3c
pfil_run_hooks(c0a7ddc0,c80f3b30,c137a000,2,c14f97bc) at pfil_run_hooks+0x10b
ip_output(c1451100,0,c80f3afc,0,0) at ip_output+0x620
udp_output(c14f97bc,c1451100,0,0,c13a6600) at udp_output+0x53a
udp_send(c14f7b64,0,c1451100,0,0) at udp_send+0x30
sosend(c14f7b64,0,c80f3c38,c1451100,0) at sosend+0x701
kern_sendit(c13a6600,9,c80f3cb4,0,0) at kern_sendit+0x13f
sendit(c13a6600,9,c80f3cb4,0,810a020) at sendit+0x1a1
sendto(c13a6600,c80f3d04,18,439,6) at sendto+0x5b
syscall(2f,2f,2f,0,28316424) at syscall+0x2c0
Xint0x80_syscall() at Xint0x80_syscall+0x1f
--- syscall (133, FreeBSD ELF32, sendto), eip = 0x2827d7cf, esp = 0xbfbfd39c, ebp = 0xbfbfd3c8 ---
lock orde
```