

new/usr/src/man/man7d/Makefile

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4537 Sat Aug 2 01:23:40 2014

new/usr/src/man/man7d/Makefile

5040 need blkdev(7D) man page

Reviewed by: Joshua M. Clulow <josh@sysmgr.org>

Approved by: TBD

```
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10 #
```

```
12 #
13 # Copyright 2011, Richard Lowe
14 # Copyright 2013 Nexenta Systems, Inc. All rights reserved.
15 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
16 # Copyright 2013 Garrett D'Amore <garrett@damore.org>
```

```
18 include      $(SRC)/Makefile.master
```

```
20 MANSECT=     7d
```

```
22 _MANFILES=   aac.7d      \
23               afe.7d      \
24               audio.7d     \
25               audio1575.7d \
26               audioens.7d  \
27               audiols.7d   \
28               audiop16x.7d \
29               audiopci.7d  \
30               audiot.7d    \
31               av1394.7d    \
32               bge.7d       \
33               blkdev.7d    \
34               bscv.7d      \
35               chxge.7d     \
36               console.7d   \
37               cpuid.7d     \
38               dca.7d       \
39               dcam1394.7d   \
40               devinfo.7d   \
41               dmfe.7d      \
42               dtrace.7d    \
43               ehci.7d      \
44               fasttrap.7d  \
45               fbt.7d       \
46               fcip.7d      \
47               fcoe.7d      \
48               fcoei.7d     \
49               fcoet.7d     \
50               fcp.7d       \
51               fctl.7d      \
52               fd.7d        \
53               fp.7d        \
54               gld.7d       \
55               hci1394.7d   \
56               hermon.7d    \
57               hid.7d       \
58               hme.7d       \
```

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```
59             hubd.7d       \
60             hwahc.7d      \
61             hwarc.7d      \
62             hxge.7d       \
63             ib.7d         \
64             ibcm.7d       \
65             ibd.7d        \
66             ibdm.7d       \
67             ibdma.7d      \
68             ibtl.7d       \
69             ieee1394.7d   \
70             igb.7d        \
71             ii.7d         \
72             ipnet.7d      \
73             iscsi.7d      \
74             iser.7d       \
75             ixgbe.7d      \
76             kmdb.7d       \
77             kstat.7d      \
78             ksyms.7d      \
79             llc1.7d       \
80             lockstat.7d   \
81             lofi.7d       \
82             log.7d        \
83             md.7d         \
84             mediator.7d   \
85             mem.7d        \
86             mpt_sas.7d    \
87             mr_sas.7d     \
88             msglog.7d     \
89             mt.7d         \
90             mxfe.7d       \
91             myri10ge.7d   \
92             null.7d       \
93             nulldriver.7d \
94             nxge.7d       \
95             ohci.7d       \
96             openprom.7d   \
97             pcic.7d       \
98             pcmcia.7d     \
99             physmem.7d    \
100            pm.7d          \
101            poll.7d        \
102            profile.7d     \
103            ptm.7d         \
104            pts.7d         \
105            pty.7d         \
106            qlc.7d         \
107            ramdisk.7d     \
108            random.7d      \
109            rge.7d         \
110            sad.7d         \
111            sata.7d        \
112            scta1394.7d    \
113            scta2usb.7d    \
114            sd.7d          \
115            sdp.7d         \
116            sdt.7d         \
117            ses.7d         \
118            sfe.7d         \
119            sgen.7d        \
120            srpt.7d        \
121            st.7d          \
122            sv.7d          \
123            sysmsg.7d      \
124            systrace.7d    \
```

new/usr/src/man/man7d/Makefile

```

125      ticlts.7d      \
126      tty.7d         \
127      ttymux.7d      \
128      tzmon.7d       \
129      ugen.7d        \
130      uhci.7d         \
131      usb_ac.7d       \
132      usb_as.7d       \
133      usb_ia.7d       \
134      usb_mid.7d      \
135      usba.7d         \
136      usbftdi.7d      \
137      usbpri.7d       \
138      usbsacm.7d      \
139      usbsksp.7d      \
140      usbspri.7d      \
141      usbvc.7d        \
142      uwba.7d         \
143      virtualkm.7d    \
144      vni.7d          \
145      vr.7d           \
146      wscons.7d       \
147      wusb_ca.7d      \
148      wusb_df.7d      \
149      xge.7d          \
150      yge.7d          \
151      zcons.7d        \
152      zero.7d         \

154  sparc_MANFILES= audiocs.7d      \
155                   bbc_beep.7d     \
156                   ctsmc.7d        \
157                   cvc.7d          \
158                   cvcredir.7d     \
159                   dad.7d          \
160                   dm2s.7d         \
161                   dr.7d           \
162                   eri.7d          \
163                   fas.7d          \
164                   gpio_87317.7d   \
165                   grbeep.7d       \
166                   idn.7d          \
167                   mc-opl.7d       \
168                   n2rng.7d        \
169                   ncp.7d          \
170                   ntwdt.7d        \
171                   oplkmdrv.7d     \
172                   oplmsu.7d       \
173                   oplpanel.7d     \
174                   pcicmu.7d       \
175                   pcipsy.7d       \
176                   pcisch.7d       \
177                   schpc.7d        \
178                   sf.7d           \
179                   smbus.7d        \
180                   soca1.7d        \
181                   ssd.7d          \
182                   su.7d           \
183                   todopl.7d       \
184                   tsalarm.7d      \
185                   zs.7d           \
186                   zsh.7d          \

188  i386_MANFILES=  ahci.7d         \
189                   amd8111s.7d     \
190                   amr.7d          \

```

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new/usr/src/man/man7d/Makefile

```

191      arcmsr.7d      \
192      arn.7d         \
193      asy.7d         \
194      ata.7d         \
195      atge.7d        \
196      ath.7d         \
197      atu.7d         \
198      audio810.7d    \
199      audiocmi.7d    \
200      audiocmihd.7d  \
201      audioemu10k.7d \
202      audiohd.7d     \
203      audioixp.7d    \
204      audiosolo.7d   \
205      audiovial823x.7d \
206      audiovia97.7d  \
207      bcm_sata.7d    \
208      bfe.7d         \
209      cmdk.7d        \
210      cpqary3.7d     \
211      dnet.7d        \
212      ecpp.7d        \
213      heci.7d        \
214      i915.7d        \
215      ipmi.7d        \
216      ipw.7d         \
217      iwh.7d         \
218      iwi.7d         \
219      mega_sas.7d    \
220      npe.7d         \
221      ntxn.7d        \
222      nv_sata.7d     \
223      pcn.7d         \
224      radeon.7d      \
225      ral.7d         \
226      rtw.7d         \
227      rum.7d         \
228      rwd.7d         \
229      rwn.7d         \
230      sda.7d         \
231      sdcard.7d      \
232      sdhost.7d      \
233      si3124.7d      \
234      smbios.7d      \
235      uath.7d        \
236      ural.7d        \
237      urtw.7d        \
238      wpi.7d         \
239      zyd.7d         \

241  _MANLINKS=  1394.7d      \
242              allkmem.7d   \
243              bscbus.7d    \
244              fdc.7d       \
245              firewire.7d   \
246              hwa1480_fw.7d \
247              i2bsc.7d     \
248              kmem.7d      \
249              lo0.7d       \
250              ticots.7d    \
251              ticotsord.7d  \
252              urandom.7d   \
253              usb.7d       \
254              uwb.7d       \

256  sparc_MANLINKS= drmach.7d \

```

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new/usr/src/man/man7d/Makefile

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```
257         ngdr.7d      \
258         ngdrmach.7d

260 MANFILES =    $(_MANFILES) $($(MACH)_MANFILES)
261 MANLINKS =    $(_MANLINKS) $($(MACH)_MANLINKS)

263 bscbus.7d     := LINKSRC = bscv.7d
264 i2bsc.7d      := LINKSRC = bscv.7d

266 drmach.7d     := LINKSRC = dr.7d
267 ngdr.7d       := LINKSRC = dr.7d
268 ngdrmach.7d   := LINKSRC = dr.7d

270 fdc.7d        := LINKSRC = fd.7d

272 1394.7d       := LINKSRC = ieee1394.7d
273 firewire.7d   := LINKSRC = ieee1394.7d

275 lo0.7d        := LINKSRC = ipnet.7d

277 allkmem.7d    := LINKSRC = mem.7d
278 kmem.7d       := LINKSRC = mem.7d

280 urandom.7d    := LINKSRC = random.7d

282 ticots.7d     := LINKSRC = ticlts.7d
283 ticotsord.7d  := LINKSRC = ticlts.7d

285 usb.7d        := LINKSRC = usba.7d

287 uwb.7d        := LINKSRC = uwba.7d

289 hwa1480_fw.7d := LINKSRC = wusb_df.7d

291 .KEEP_STATE:

293 include       $(SRC)/man/Makefile.man

295 install:      $(ROOTMANFILES) $(ROOTMANLINKS)
```

new/usr/src/man/man7d/blkdev.7d

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2025 Sat Aug 2 01:23:40 2014
new/usr/src/man/man7d/blkdev.7d
5040 need blkdev(7D) man page
Reviewed by: Joshua M. Clulow <josh@sysmgr.org>
Approved by: TBD

```
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8 .\" source. A copy of the CDDL is also available via the Internet at
9 .\" http://www.illumos.org/license/CDDL.
10 .\"
11 .\" Copyright 2014 Garrett D'Amore <garrett@damore.org>
12 .
13 .Dd "Jul 30, 2014"
14 .Dt BLKDEV 7D
15 .Os
16 .Sh NAME
17 .Nm blkdev
18 .Nd generic block device driver
19 .Sh DESCRIPTION
20 The
21 .Nm
22 driver supports generic block-oriented devices, such as non-volatile
23 memory storage devices. It provides a hardware independent layer
24 for such storage devices, allowing them to concentrate on the
25 hardware-specific details, while
26 .Nm
27 takes care of all the other details, such as
28 .Xr dkio 7I .
29 .Lp
30 The
31 .Nm
32 driver only supports block-oriented, random-access devices. It does
33 not support traditional rotational media and does not support
34 SCSI commands.
35 .Lp
36 The most typical use case for
37 .Nm
38 devices is to be used to host a file system, such as
39 .Xr pcfs 7FS
40 or
41 .Xr zfs 7FS .
42 .
43 .Sh INTERFACE STABILITY
44 .Sy Uncommitted .
45 .
46 .Sh FILES
47 .
48 .Bl -tag -compact -width Pa
49 .It Pa /dev/dsk/cndnsn
50 Block device minor nodes.
51 .It Pa /dev/rdisk/cndnsn
52 Raw block device minor nodes.
53 .El
54 .Lp
55 In the above, the following substitutions may occur:
56 .Bl -tag -offset indent -width Va
57 .It Va cn
58 A controller number, typically one for each instance of
59 each underlying hardware dependent device driver (there can be multiple
```

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```
60 such drivers in the system.) Controller numbers are dynamically assigned
61 by the system.
62 .It Va dn
63 Generally, each instance of the underlying hardware will have a
64 logical unit number as well.
65 .It Va sn
66 This is the
67 .Em slice
68 number, representing a subset of the disk. See
69 .Xr dkio 7I .
70 .El
71 .
72 .Sh SEE ALSO
73 .Xr devinfo 1M ,
74 .Xr fdisk 1M ,
75 .Xr mount 1M ,
76 .Xr rmformat 1M ,
77 .Xr umount 1M ,
78 .Xr sd 7D ,
79 .Xr pcfs 7FS ,
80 .Xr zfs 7FS ,
81 .Xr dkio 7I
```

new/usr/src/pkg/manifests/driver-storage-blkdev.mf

1

1852 Sat Aug 2 01:23:40 2014

new/usr/src/pkg/manifests/driver-storage-blkdev.mf

5040 need blkdev(7D) man page

Reviewed by: Joshua M. Clulow <josh@sysmgr.org>

Approved by: TBD

```
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2 # CDDL HEADER START
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11 # and limitations under the License.
12 #
13 # When distributing Covered Code, include this CDDL HEADER in each
14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
15 # If applicable, add the following below this CDDL HEADER, with the
16 # fields enclosed by brackets "[]" replaced with your own identifying
17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 #
23 # Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
24 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
25 #
26 #
27 #
28 # The default for payload-bearing actions in this package is to appear in the
29 # global zone only. See the include file for greater detail, as well as
30 # information about overriding the defaults.
31 #
32 <include global_zone_only_component>
33 set name=pkg.fmri value=pkg:/driver/storage/blkdev@$(PKGVERS)
34 set name=pkg.description value="Generic Block Driver"
35 set name=pkg.summary value="Generic Block Driver"
36 set name=info.classification \
37     value=org.opensolaris.category.2008:Drivers/Storage
38 set name=variant.arch value=$(ARCH)
39 dir path=kernel group=sys
40 dir path=kernel/drv group=sys
41 dir path=kernel/drv/$(ARCH64) group=sys
42 dir path=usr/share/man
43 dir path=usr/share/man/man7d
44 driver name=blkdev perms="* 0640 root root"
45 file path=kernel/drv/$(ARCH64)/blkdev group=sys
46 $(i386_ONLY)file path=kernel/drv/blkdev group=sys
47 file path=usr/share/man/man7d/blkdev.7d
48 license cr_Sun license=cr_Sun
49 license lic_CDDL license=lic_CDDL
```