

```

*****
10862 Tue May 15 18:49:41 2018
new/usr/src/cmd/Makefile
9534 xhci_portsc should only be installed on x86
*****
1 #
2 # CDDL HEADER START
3 #
4 # The contents of this file are subject to the terms of the
5 # Common Development and Distribution License (the "License").
6 # You may not use this file except in compliance with the License.
7 #
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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 #
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24 # Copyright (c) 2017, Joyent, Inc.
25 # Copyright (c) 2012 by Delphix. All rights reserved.
26 # Copyright (c) 2013 DEY Storage Systems, Inc. All rights reserved.
27 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
28 # Copyright 2016 Toomas Soome <tsoome@me.com>
29 # Copyright 2016 Nexenta Systems, Inc.
30 # Copyright 2018 Gary Mills
31 #
32 #
33 include ../Makefile.master
34 #
35 #
36 # Note that the commands 'lp', and 'perl' are first in
37 # the list, violating alphabetical order. This is because they are very
38 # long-running and should be given the most wall-clock time for a
39 # parallel build.
40 #
41 # Commands in the FIRST_SUBDIRS list are built before starting the build
42 # of other commands. Currently this includes only 'isaexec' and
43 # 'latex'. This is necessary because $(ROOT)/usr/lib/isaexec or
44 # $(ROOT)/usr/lib/latex must exist when some other commands are built
45 # because their 'make install' creates a hard link to one of them.
46 #
47 # Commands are listed one per line so that TeamWare can auto-merge most
48 # changes.
49 #
50 #
51 FIRST_SUBDIRS= \
52 isaexec \
53 latex
54 #
55 COMMON_SUBDIRS= \
56 allocate \
57 availdevs \
58 lp \
59 perl \
60 Adm \
61 abi

```

```

62 adbgen \
63 acct \
64 acctadm \
65 arch \
66 asa \
67 ast \
68 audio \
69 auths \
70 autopush \
71 avs \
72 awk \
73 awk_xpg4 \
74 backup \
75 banner \
76 bart \
77 basename \
78 bc \
79 bdiff \
80 beadm \
81 bnu \
82 boot \
83 busstat \
84 cal \
85 captinfo \
86 cat \
87 cdrw \
88 cfgadm \
89 checkeq \
90 checknr \
91 chgrp \
92 chmod \
93 chown \
94 chroot \
95 clear \
96 clinfo \
97 cmd-crypto \
98 cmd-inet \
99 col \
100 compress \
101 consadm \
102 coreadm \
103 cpio \
104 cpc \
105 cron \
106 crypt \
107 csh \
108 csplit \
109 ctrun \
110 ctstat \
111 ctwatch \
112 datadm \
113 date \
114 dc \
115 dd \
116 deroff \
117 devfsadm \
118 syseventd \
119 devctl \
120 devinfo \
121 devmgmt \
122 devprop \
123 dfs.cmds \
124 diff \
125 diff3 \
126 diffmk \
127 dircmp \

```

new/usr/src/cmd/Makefile

```

128     dirname //
129     dis //
130     diskinfo //
131     diskmgtd //
132     dispadmin //
133     dladm //
134     dlstat //
135     dlutil //
136     dmesg //
137     dodatadm //
138     dtrace //
139     du //
140     dumpadm //
141     dumpcs //
142     echo //
143     ed //
144     eeprom //
145     eject //
146     emul64ioctl //
147     enhance //
148     env //
149     eqn //
150     expand //
151     expr //
152     exstr //
153     factor //
154     false //
155     fcinfo //
156     fcoesvc //
157     fdetach //
158     fdformat //
159     fdisk //
160     ficl //
161     filesync //
162     file //
163     find //
164     flowadm //
165     flowstat //
166     fm //
167     fmt //
168     fmthard //
169     fmsg //
170     fold //
171     format //
172     fs.d //
173     fstyp //
174     fuser //
175     fwflash //
176     gcore //
177     gencat //
178     geniconvtbl //
179     genmsg //
180     getconf //
181     getdevpolicy //
182     getent //
183     getfacl //
184     getmajor //
185     getopt //
186     gettext //
187     gettxt //
188     grep //
189     groups //
190     growfs //
191     grpck //
192     gss //
193     hal //

```

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new/usr/src/cmd/Makefile

```

194     halt //
195     head //
196     hostid //
197     hostname //
198     hotplug //
199     hotplugd //
200     ibd_upgrade //
201     iconv //
202     id //
203     idmap //
204     infocmp //
205     init //
206     initpkg //
207     install.d //
208     intrd //
209     intrstat //
210     ipcrm //
211     ipcs //
212     ipdadm //
213     ipf //
214     isainfo //
215     isalist //
216     itutools //
217     iscsiadm //
218     iscsid //
219     iscsitsvc //
220     isns //
221     itadm //
222     kbd //
223     keyserv //
224     killall //
225     krb5 //
226     ksh //
227     kvmstat //
228     last //
229     lastcomm //
230     latencytop //
231     ldap //
232     ldapcachemgr //
233     lgrpinfo //
234     line //
235     link //
236     dlmgtd //
237     listen //
238     loadkeys //
239     locale //
240     localedef //
241     lockstat //
242     locator //
243     lofiadm //
244     logadm //
245     logger //
246     login //
247     logins //
248     look //
249     ls //
250     luxadm //
251     mach //
252     mail //
253     mailwrapper //
254     mailx //
255     make //
256     makekey //
257     man //
258     mandoc //
259     mdb //

```

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new/usr/src/cmd/Makefile

```

260      msg
261      mkdir
262      mkfifo
263      mkfile
264      mkmsgs
265      mknod
266      mkpwdict
267      mktemp
268      modload
269      more
270      mpathadm
271      msgfmt
272      msgid
273      mt
274      mv
275      mvdir
276      ndmpadm
277      ndmpd
278      ndmpstat
279      netadm
280      netfiles
281      newform
282      newgrp
283      news
284      newtask
285      nice
286      nl
287      nlsadmin
288      nohup
289      nsadmin
290      nscd
291      oamuser
292      oawk
293      od
294      pack
295      pagesize
296      passgmt
297      passwd
298      pathchk
299      pbind
300      pcidr
301      pcitool
302      pfexec
303      pfexecd
304      pginfo
305      pgstat
306      pgrep
307      picl
308      plimit
309      policykit
310      pools
311      power
312      powertop
313      ppgsz
314      pg
315      plockstat
316      pr
317      prctl
318      print
319      printf
320      priocntl
321      profiles
322      projadd
323      projects
324      prstat
325      prtconf

```

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new/usr/src/cmd/Makefile

```

326      prtdiag
327      prtvtoc
328      ps
329      psradm
330      psrinfo
331      psrset
332      ptools
333      pwck
334      pwconv
335      pwd
336      pyzfs
337      raidctl
338      ramdiskadm
339      rcap
340      rcm_daemon
341      rctladm
342      refer
343      regcmp
344      renice
345      rm
346      rmdir
347      rmformat
348      rmmount
349      rmt
350      rmvolmgr
351      roles
352      rpcbind
353      rpcgen
354      rpcinfo
355      rpcsvc
356      runat
357      sa
358      saf
359      sasinfo
360      savecore
361      sbdadm
362      script
363      scsi
364      sdiff
365      sdpadm
366      sed
367      sendmail
368      setfacl
369      setmnt
370      setpgrp
371      setuname
372      sgs
373      sh
374      shcomp
375      smbios
376      smbstrv
377      smserverd
378      soelim
379      sort
380      spell
381      split
382      sqlite
383      srchtxt
384      srptadm
385      srptsvc
386      ssh
387      stat
388      stmfadm
389      stmfproxy
390      stmfsvc
391      stmsboot

```

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new/usr/src/cmd/Makefile

```

392 streams //
393 strings //
394 su //
395 sulogin //
396 sunpc //
397 svc //
398 svr4pkg //
399 swap //
400 sync //
401 sysdef //
402 syseventadm //
403 syslogd //
404 tabs //
405 tail //
406 tar //
407 tbl //
408 tcopy //
409 tcpd //
410 th_tools //
411 tic //
412 time //
413 tip //
414 tnf //
415 touch //
416 tput //
417 tr //
418 trapstat //
419 troff //
420 true //
421 truss //
422 tsol //
423 tty //
424 ttymon //
425 tzreload //
426 uadmin //
427 ul //
428 uname //
429 units //
430 unlink //
431 unpack //
432 userattr //
433 users //
434 utmp_update //
435 utmpd //
436 uuidgen //
437 valtools //
438 vgrind //
439 vi //
440 volcheck //
441 volrmmount //
442 vrrpadm //
443 vscan //
444 vt //
445 vtfontcvr //
446 w //
447 wall //
448 which //
449 who //
450 whodo //
451 wracct //
452 write //
453 xargs //
453 xhci //
454 xstr //
455 yes //
456 ypcmd //

```

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new/usr/src/cmd/Makefile

```

457 yppasswd //
458 zdb //
459 zdump //
460 zfs //
461 zhack //
462 zic //
463 zinject //
464 zlogin //
465 zoneadm //
466 zoneadmd //
467 zonecfg //
468 zonename //
469 zpool //
470 zlook //
471 zonestat //
472 zstreamdump //
473 ztest //

475 i386_SUBDIRS= //
476 acpi //
477 acpihpd //
478 addbadsec //
479 biosdev //
480 diskscan //
481 nvmeadm //
482 rtc //
483 ucodeadm //
484 xhci //
485 xvm //

487 sparc_SUBDIRS= //
488 cvcd //
489 dcs //
490 device_remap //
491 drd //
492 fruadm //
493 ldmad //
494 oplhpd //
495 prtndscp //
496 prtfru //
497 scadm //
498 sckmd //
499 sf880drd //
500 virtinfo //
501 vntsd //

503 #
504 # Commands that are messaged. Note that 'lp' comes first
505 # (see previous comment about 'lp'.)
506 #
507 MSGSUBDIRS= //
508 lp //
509 abi //
510 acctadm //
511 allocate //
512 asa //
513 audio //
514 audit //
515 auditconfig //
516 auditd //
517 auditrecord //
518 auditset //
519 auths //
520 autopush //
521 avs //
522 awk //

```

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new/usr/src/cmd/Makefile

```

523      awk_xpg4
524      backup
525      banner
526      bart
527      basename
528      beadm
529      bnu
530      busstat
531      cal
532      cat
533      cdwr
534      cfgadm
535      checkeq
536      checknr
537      chgrp
538      chmod
539      chown
540      cmd-crypto
541      cmd-inet
542      col
543      compress
544      consadm
545      coreadm
546      cpio
547      cpc
548      cron
549      csh
550      csplit
551      ctrun
552      ctstat
553      ctwatch
554      datadm
555      date
556      dc
557      dcs
558      dd
559      deroff
560      devfsadm
561      dfs.cmds
562      diff
563      diffmk
564      dladm
565      dlstat
566      du
567      dumpcs
568      ed
569      eject
570      env
571      eqn
572      expand
573      expr
574      fcinfo
575      file
576      filesync
577      find
578      flowadm
579      flowstat
580      fm
581      fold
582      fs.d
583      fwflash
584      geniconvtbl
585      genmsg
586      getconf
587      getent
588      gettext

```

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new/usr/src/cmd/Makefile

```

589      gettxt
590      grep
591      grpck
592      gss
593      halt
594      head
595      hostname
596      hotplug
597      iconv
598      id
599      idmap
600      isaexec
601      iscsiadm
602      iscsid
603      isns
604      itadm
605      kbd
606      krb5
607      ksh
608      last
609      ldap
610      ldapcachemgr
611      lgrpinfo
612      locale
613      lofiadm
614      logadm
615      logger
616      logins
617      ls
618      luxadm
619      mailx
620      make
621      man
622      mesg
623      mkdir
624      mkpwdict
625      mktemp
626      more
627      mpathadm
628      msgfmt
629      mv
630      ndmpadm
631      ndmpstat
632      newgrp
633      newtask
634      nice
635      nohup
636      oawk
637      pack
638      passwd
639      passmgmt
640      pathchk
641      pfexec
642      pg
643      pgrep
644      picl
645      pools
646      power
647      pr
648      praudit
649      print
650      profiles
651      projadd
652      projects
653      prstat
654      prtdiag

```

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new/usr/src/cmd/Makefile

```

655     ps                \
656     psrinfo           \
657     ptools            \
658     pwconv            \
659     pwd               \
660     pyzfs             \
661     raidctl           \
662     ramdiskadm        \
663     rcap              \
664     rcm_daemon        \
665     refer             \
666     regcmp            \
667     renice            \
668     roles             \
669     rm               \
670     rmdir            \
671     rmformat         \
672     rmmount          \
673     rmvolmgr         \
674     sasinfo          \
675     sbdadm           \
676     scadm            \
677     script            \
678     scsi             \
679     sdiff            \
680     sdpadm           \
681     sgs              \
682     sh               \
683     shcomp           \
684     smbstrv          \
685     sort             \
686     split            \
687     srptadm          \
688     stat             \
689     stmfadm          \
690     stmsboot         \
691     strings          \
692     su               \
693     svc              \
694     svr4pkg          \
695     swap             \
696     syseventadm     \
697     syseventd        \
698     tabs            \
699     tar              \
700     tbl             \
701     time            \
702     tnf             \
703     touch           \
704     tput            \
705     troff           \
706     tsol            \
707     tty            \
708     ttymon          \
709     tzreload        \
710     ul              \
711     uname           \
712     units           \
713     unlink          \
714     unpack          \
715     userattr        \
716     valtools        \
717     vgrind          \
718     vi              \
719     volcheck        \
720     volrmmount     \

```

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new/usr/src/cmd/Makefile

```

721     vrrpadm         \
722     vsca            \
723     w              \
724     who            \
725     whodo          \
726     wracct         \
727     write          \
728     xargs          \
729     yppasswd       \
730     zdump          \
731     zfs            \
732     zic            \
733     zlogin         \
734     zoneadm        \
735     zoneadmd       \
736     zonecfg        \
737     zonename       \
738     zpool          \
739     zonestat       \
741     sparc_MSGSUBDIRS= \
742         fruadm      \
743         prtdscp     \
744         prtfru      \
745         virtinfo    \
746         vntsd       \
748     i386_MSGSUBDIRS= \
749         ucodeadm    \
751 #
752 # commands that use dcgettext for localized time, LC_TIME
753 #
754     DCSUBDIRS=      \
755         cal          \
756         cfgadm       \
757         diff         \
758         ls           \
759         pr           \
760         ps           \
761         tar          \
762         w            \
763         who          \
764         whodo        \
765         write        \
767 #
768 # commands that belong only to audit.
769 #
770     AUDITSUBDIRS=   \
771         amt          \
772         audit        \
773         audit_warn   \
774         auditconfig  \
775         auditd       \
776         auditrecord  \
777         auditreduce  \
778         auditset     \
779         auditstat    \
780         praudit      \
782 #
783 # commands not owned by the systems group
784 #
785     BWOSDIRS=

```

12

```
788 all :=          TARGET = all
789 install :=      TARGET = install
790 clean :=        TARGET = clean
791 clobber :=      TARGET = clobber
792 lint :=         TARGET = lint
793 _msg :=         TARGET = _msg
794 _dc :=          TARGET = _dc

796 .KEEP_STATE:

798 SUBDIRS = $(COMMON_SUBDIRS) $( $(MACH)_SUBDIRS )

800 .PARALLEL:      $(BWOSDIRS) $(SUBDIRS) $(MSGSUBDIRS) $(AUDITSUBDIRS)

802 all install clean clobber lint: $(FIRST_SUBDIRS) .WAIT $(SUBDIRS) \
803     $(AUDITSUBDIRS)

805 #
806 # Manifests cannot be checked in parallel, because we are using
807 # the global repository that is in $(SRC)/cmd/svc/seed/global.db.
808 # For this reason, to avoid .PARALLEL and .NO_PARALLEL conflicts,
809 # we spawn off a sub-make to perform the non-parallel 'make check'
810 #
811 check:
812     $(MAKE) -f Makefile.check check

814 #
815 # The .WAIT directive works around an apparent bug in parallel make.
816 # Evidently make was getting the target _msg vs. _dc confused under
817 # some level of parallelization, causing some of the _dc objects
818 # not to be built.
819 #
820 _msg: $(MSGSUBDIRS) $( $(MACH)_MSGSUBDIRS ) .WAIT _dc

822 _dc: $(DCSUBDIRS)

824 #
825 # Dependencies
826 #
827 fs.d:   fstyp
828 ksh:    shcomp isaexec
829 print:  lp
830 fmt:    mailx

832 $(FIRST_SUBDIRS) $(BWOSDIRS) $(SUBDIRS) $(AUDITSUBDIRS): FRC
833     @if [ -f $@/Makefile ]; then \
834         cd $@; pwd; $(MAKE) $(TARGET); \
835     else \
836         true; \
837     fi

839 FRC:
```