

new/usr/src/Makefile.lint

1

```

*****
8722 Tue Aug 16 20:40:28 2016
new/usr/src/Makefile.lint
7293 Sun Secure Shell is neither
*****
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 #
8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
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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) 2003, 2010, Oracle and/or its affiliates. All rights reserved.
24 # Copyright (c) 2012 by Delphix. All rights reserved.
25 # Copyright 2015 Nexenta Systems, Inc. All rights reserved.
26 # Copyright 2015 Garrett D'Amore <garrett@damore.org>
27 #
28 # include global definitions
29 include Makefile.master
30 #
31 #
32 # As pieces are made lint-clean, add them here so the nightly build
33 # can be used to keep them that way.
34 #
35 COMMON_SUBDIRS = \
36     cmd/acctadm \
37     cmd/asa \
38     cmd/amt \
39     cmd/audio/audiocpl \
40     cmd/audio/audiotest \
41     cmd/audit \
42     cmd/auditconfig \
43     cmd/auditd \
44     cmd/auditreduce \
45     cmd/auditstat \
46     cmd/auths \
47     cmd/autopush \
48     cmd/availdevs \
49     cmd/avs \
50     cmd/awk \
51     cmd/banner \
52     cmd/bart \
53     cmd/basename \
54     cmd/bdiff \
55     cmd/busstat \
56     cmd/boot \
57     cmd/cal \
58     cmd/captoinfo \
59     cmd/cat \
60     cmd/cdrw \
61     cmd/cfgadm \

```

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```

62     cmd/checkeq \
63     cmd/checknr \
64     cmd/chgrp \
65     cmd/chmod \
66     cmd/chown \
67     cmd/chroot \
68     cmd/clinfo \
69     cmd/cmd-crypto \
70     cmd/cmd-inet/lib \
71     cmd/cmd-inet/lib/netcfgd \
72     cmd/cmd-inet/lib/nwamd \
73     cmd/cmd-inet/sbin \
74     cmd/cmd-inet/usr.bin \
75     cmd/cmd-inet/usr.lib/bridged \
76     cmd/cmd-inet/usr.lib/ilbd \
77     cmd/cmd-inet/usr.lib/in.mpathd \
78     cmd/cmd-inet/usr.lib/in.ndpd \
79     cmd/cmd-inet/usr.lib/inetd \
80     cmd/cmd-inet/usr.lib/pppoe \
81     cmd/cmd-inet/usr.lib/slpd \
82     cmd/cmd-inet/usr.lib/vrrpd \
83     cmd/cmd-inet/usr.lib/wpad \
84     cmd/cmd-inet/usr.lib/wanboot \
85     cmd/cmd-inet/usr.sadm \
86     cmd/cmd-inet/usr.sbin \
87     cmd/cmd-inet/usr.sbin/ilbadm \
88     cmd/cmd-inet/usr.sbin/nwamadm \
89     cmd/cmd-inet/usr.sbin/nwamcfg \
90     cmd/col \
91     cmd/compress \
92     cmd/consadm \
93     cmd/coreadm \
94     cmd/cpc \
95     cmd/cpio \
96     cmd/crypt \
97     cmd/csplit \
98     cmd/ctrun \
99     cmd/ctstat \
100    cmd/ctwatch \
101    cmd/date \
102    cmd/dd \
103    cmd/deroff \
104    cmd/devctl \
105    cmd/devfsadm \
106    cmd/devinfo \
107    cmd/devmgmt \
108    cmd/devprop \
109    cmd/dfs.cmds \
110    cmd/diff3 \
111    cmd/dis \
112    cmd/dirname \
113    cmd/diskscan \
114    cmd/dispadm \
115    cmd/dladm \
116    cmd/dlmgmt \
117    cmd/dtrace \
118    cmd/du \
119    cmd/dumpadm \
120    cmd/dumpcs \
121    cmd/echo \
122    cmd/eject \
123    cmd/emul64ioctl \
124    cmd/env \
125    cmd/expand \
126    cmd/fcinfo \
127    cmd/fdetach \

```

new/usr/src/Makefile.lint

```

128 cmd/fdformat \
129 cmd/fdisk \
130 cmd/fgrep \
131 cmd/file \
132 cmd/find \
133 cmd/fmthard \
134 cmd/fmtmsg \
135 cmd/fold \
136 cmd/fm \
137 cmd/format \
138 cmd/fs.d/fd \
139 cmd/fs.d/lofs/mount \
140 cmd/fs.d/mntfs \
141 cmd/fs.d/pcfs/mount \
142 cmd/fs.d/proc \
143 cmd/fs.d/tmpfs \
144 cmd/fs.d/udfs/mount \
145 cmd/fs.d/ufs/mount \
146 cmd/fs.d/ufs/fsirand \
147 cmd/fs.d/zfs/fstyp \
148 cmd/fwflash \
149 cmd/fuser \
150 cmd/gcore \
151 cmd/genmsg \
152 cmd/getconf \
153 cmd/getdevpolicy \
154 cmd/getfacl \
155 cmd/getopt \
156 cmd/gettext \
157 cmd/grep \
158 cmd/grep_xpg4 \
159 cmd/groups \
160 cmd/halt \
161 cmd/head \
162 cmd/hostid \
163 cmd/hostname \
164 cmd/hotplug \
165 cmd/hotplugd \
166 cmd/idmap \
167 cmd/init \
168 cmd/intrstat \
169 cmd/ipcrm \
170 cmd/ipcs \
171 cmd/isaexec \
172 cmd/isalist \
173 cmd/iscsiadm \
174 cmd/iscsid \
175 cmd/iscsitsvc \
176 cmd/isns \
177 cmd/itadm \
178 cmd/kbd \
179 cmd/killall \
180 cmd/ldap \
181 cmd/last \
182 cmd/lastcomm \
183 cmd/ldapcachemgr \
184 cmd/line \
185 cmd/link \
186 cmd/locator \
187 cmd/localedef \
188 cmd/lockstat \
189 cmd/lofiadm \
190 cmd/logadm \
191 cmd/logger \
192 cmd/login \
193 cmd/logins \

```

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new/usr/src/Makefile.lint

```

194 cmd/ls \
195 cmd/luxadm \
196 cmd/lvm \
197 cmd/mailwrapper \
198 cmd/makekey \
199 cmd/mdb \
200 cmd/mesg \
201 cmd/mkdir \
202 cmd/mkfifo \
203 cmd/mkfile \
204 cmd/mkmsgs \
205 cmd/mknod \
206 cmd/mpathadm \
207 cmd/modload \
208 cmd/msgfmt \
209 cmd/msgid \
210 cmd/mt \
211 cmd/mv \
212 cmd/ndmpadm \
213 cmd/ndmpd \
214 cmd/ndmpstat \
215 cmd/newform \
216 cmd/newgrp \
217 cmd/newtask \
218 cmd/nice \
219 cmd/nl \
220 cmd/nohup \
221 cmd/nscd \
222 cmd/od \
223 cmd/pagesize \
224 cmd/passwd \
225 cmd/pathchk \
226 cmd/pbind \
227 cmd/pcidr \
228 cmd/pcitool \
229 cmd/pfexec \
230 cmd/pgrep \
231 cmd/picl/picld \
232 cmd/picl/prtpicl \
233 cmd/plockstat \
234 cmd/pools \
235 cmd/power \
236 cmd/powertop \
237 cmd/printf \
238 cmd/latencytop \
239 cmd/ppgzs \
240 cmd/praudit \
241 cmd/prctl \
242 cmd/priocntl \
243 cmd/profiles \
244 cmd/prstat \
245 cmd/prtconf \
246 cmd/prtdiag \
247 cmd/prtvtoc \
248 cmd/ps \
249 cmd/psradm \
250 cmd/psrinfo \
251 cmd/psrset \
252 cmd/ptools \
253 cmd/pwck \
254 cmd/pwconv \
255 cmd/ramdiskadm \
256 cmd/raidctl \
257 cmd/rcap \
258 cmd/rcm_daemon \
259 cmd/rctladm \

```

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new/usr/src/Makefile.lint

```

260 cmd/renice \
261 cmd/rm \
262 cmd/rmdir \
263 cmd/rmformat \
264 cmd/rmt \
265 cmd/roles \
266 cmd/rpcgen \
267 cmd/rpcsvc/rpc.bootparamd \
268 cmd/runat \
269 cmd/savecore \
270 cmd/sbdadm \
271 cmd/sdadm \
272 cmd/sed \
273 cmd/setpgrp \
274 cmd/smbios \
275 cmd/sgs \
276 cmd/smsrv \
277 cmd/smsrverd \
278 cmd/sort \
279 cmd/split \
280 cmd/srptadm \
281 cmd/srptsvc \
282 cmd/ssh \
282 cmd/stat \
283 cmd/stmfadm \
284 cmd/stmfsvc \
285 cmd/stmsboot \
286 cmd/streams/strcmd \
287 cmd/strings \
288 cmd/su \
289 cmd/sulogin \
290 cmd/svc \
291 cmd/swap \
292 cmd/sync \
293 cmd/syseventadm \
294 cmd/syseventd \
295 cmd/syslogd \
296 cmd/tabs \
297 cmd/tail \
298 cmd/th_tools \
299 cmd/tip \
300 cmd/touch \
301 cmd/tr \
302 cmd/truss \
303 cmd/tty \
304 cmd/tzreload \
305 cmd/uadmin \
306 cmd/ul \
307 cmd/userattr \
308 cmd/users \
309 cmd/utmp_update \
310 cmd/utmpd \
311 cmd/valtools \
312 cmd/vrrpadm \
313 cmd/vt \
314 cmd/wall \
315 cmd/who \
316 cmd/whodo \
317 cmd/wracct \
318 cmd/xargs \
319 cmd/xstr \
320 cmd/yes \
321 cmd/yppasswd \
322 cmd/zdb \
323 cmd/zdump \
324 cmd/zfs \

```

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new/usr/src/Makefile.lint

```

325 cmd/zhack \
326 cmd/zinject \
327 cmd/zlogin \
328 cmd/zoneadm \
329 cmd/zoneadm \
330 cmd/zonecfg \
331 cmd/zonename \
332 cmd/zpool \
333 cmd/zlook \
334 cmd/zttest \
335 lib/abi \
336 lib/auditd_plugins \
337 lib/libbe \
338 lib/pylibbe \
339 lib/brand/sn1 \
340 lib/brand/solaris10 \
341 lib/crypt_modules \
342 lib/extendedFILE \
343 lib/libadm \
344 lib/libadutils \
345 lib/libadt_jni \
346 lib/libaio \
347 lib/libavl \
348 lib/libbrand \
349 lib/libbsdmalloc \
350 lib/libbsm \
351 lib/libc \
352 lib/libc_db \
353 lib/libcfdm \
354 lib/libcndutils \
355 lib/libcommputil \
356 lib/libcontract \
357 lib/libcryptoutil \
358 lib/libctf \
359 lib/libdevice \
360 lib/libdevid \
361 lib/libdevinfo \
362 lib/libdhcpcagent \
363 lib/libdhcputil \
364 lib/libdisasm \
365 lib/libdiskmgt \
366 lib/libdladm \
367 lib/libdlpi \
368 lib/libdoor \
369 lib/libdscfg \
370 lib/libdtrace \
371 lib/libefi \
372 lib/libelfsign \
373 lib/libexacct \
374 lib/libfcoe \
375 lib/libgen \
376 lib/libgrubmgmt \
377 lib/libgss \
378 lib/libhotplug \
379 lib/libidmap \
380 lib/libilb \
381 lib/libinetsvc \
382 lib/libinetutil \
383 lib/libinstzones \
384 lib/libipadm \
385 lib/libipmi \
386 lib/libipmp \
387 lib/libipp \
388 lib/libipsecutil \
389 lib/libiscsit \
390 lib/libkmf \

```

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new/usr/src/Makefile.lint

```

391 lib/libkstat \
392 lib/liblgrp \
393 lib/liblm \
394 lib/libm \
395 lib/libml \
396 lib/libmvec \
397 lib/libmalloc \
398 lib/libmapmalloc \
399 lib/libmapid \
400 lib/libmd \
401 lib/libmp \
402 lib/libmtmalloc \
403 lib/libndmp \
404 lib/libnsctl \
405 lib/libnsl \
406 lib/libnvpair \
407 lib/libnwam \
408 lib/libpam \
409 lib/libpctx \
410 lib/libpicl \
411 lib/libpicltree \
412 lib/libpkg \
413 lib/libpool \
414 lib/libproc \
415 lib/libpthread \
416 lib/libraidcfg \
417 lib/librcm \
418 lib/librdc \
419 lib/libreparse \
420 lib/librestart \
421 lib/librstp \
422 lib/librt \
423 lib/libscf \
424 lib/libsec \
425 lib/libsecdb \
426 lib/libsendfile \
427 lib/libsip \
428 lib/libshare \
429 lib/libslldap \
430 lib/libslp \
431 lib/libsmvfs \
432 lib/libsmbios \
433 lib/libsmmedia \
434 lib/libsrpt \
435 lib/libstmf \
436 lib/libsun_ima \
437 lib/libsysevent \
438 lib/libthread \
439 lib/libtsnet \
440 lib/libtsol \
441 lib/libumem \
442 lib/libunistat \
443 lib/libuuid \
444 lib/libuutil \
445 lib/libvrrpadm \
446 lib/libwanboot \
447 lib/libwanbootutil \
448 lib/libxnet \
449 lib/libzfs \
450 lib/libzfs_jni \
451 lib/libzonecfg \
452 lib/libzoneinfo \
453 lib/lvm \
454 lib/madv \
455 lib/mpss \
456 lib/nametoaddr \

```

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new/usr/src/Makefile.lint

```

457 lib/ncad_addr \
458 lib/nsswitch \
459 lib/pam_modules \
460 lib/passwdutil \
461 lib/pkcs11 \
462 lib/print \
463 lib/raidcfg_plugins \
464 lib/scsi \
465 lib/smsrv \
466 lib/fm \
467 lib/udapl \
468 lib/watchmalloc \
469 psm \
470 test \
471 ucbscmd/basename \
472 ucbscmd/biff \
473 ucbscmd/echo \
474 ucbscmd/groups \
475 ucbscmd/mkstr \
476 ucbscmd/printenv \
477 ucbscmd/sum \
478 ucbscmd/test \
479 ucbscmd/users \
480 ucbscmd/whoami

482 i386_SUBDIRS= \
483 cmd/acpihpd \
484 cmd/biosdev \
485 cmd/rtc \
486 cmd/ucodeadm \
487 lib/cfgadm_plugins/sata \
488 lib/cfgadm_plugins/sbd \
489 lib/libfdisk

491 sparc_SUBDIRS= \
492 cmd/datadm \
493 cmd/dcs \
494 cmd/drd \
495 cmd/fruadm \
496 cmd/ldmad \
497 cmd/prtdscp \
498 cmd/prtfpu \
499 cmd/sckmd \
500 cmd/virtinfo \
501 cmd/vntsd \
502 lib/libds \
503 lib/libdscp \
504 lib/libpri \
505 lib/libpcp \
506 lib/libtsalarm \
507 lib/libv12n \
508 lib/storage \
509 stand

511 LINTSUBDIRS= $(COMMON_SUBDIRS) $( $(MACH)_SUBDIRS)

513 .PARALLEL: $(LINTSUBDIRS)

515 lint: uts .WAIT subdirs

517 subdirs: $(LINTSUBDIRS)

519 uts $(LINTSUBDIRS): FRC
520 @cd $@; pwd; $(MAKE) lint

522 FRC:

```

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```

*****
10859 Tue Aug 16 20:40:30 2016
new/usr/src/cmd/Makefile
7293 Sun Secure Shell is neither
*****
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 #
8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
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 # Copyright (c) 1989, 2010, Oracle and/or its affiliates. All rights reserved.
23 # Copyright 2015 Nexenta Systems, Inc. All rights reserved.
24 # Copyright (c) 2012 Joyent, Inc. All rights reserved.
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 #
29 include ../Makefile.master
30 #
31 #
32 # Note that the commands 'lp', and 'perl' are first in
33 # the list, violating alphabetical order. This is because they are very
34 # long-running and should be given the most wall-clock time for a
35 # parallel build.
36 #
37 # Commands in the FIRST_SUBDIRS list are built before starting the build
38 # of other commands. Currently this includes only 'isaexec' and
39 # 'platexec'. This is necessary because $(ROOT)/usr/lib/isaexec or
40 # $(ROOT)/usr/lib/platexec must exist when some other commands are built
41 # because their 'make install' creates a hard link to one of them.
42 #
43 # Commands are listed one per line so that TeamWare can auto-merge most
44 # changes.
45 #
46 #
47 FIRST_SUBDIRS= \
48 isaexec \
49 platexec
50 #
51 COMMON_SUBDIRS= \
52 allocate \
53 availdevs \
54 lp \
55 perl \
56 Adm \
57 abi \
58 adbgen \
59 acct \
60 acctadm \
61 arch

```

```

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

```

new/usr/src/cmd/Makefile

```

128      dispadmin  //
129      dladm      //
130      dlstat     //
131      dmesg      //
132      dodatadm   //
133      dtrace     //
134      du         //
135      dumpadm    //
136      dumpcs     //
137      echo       //
138      ed         //
139      eeprom     //
140      egrep      //
141      eject      //
142      emul64ioct1 //
143      enhance    //
144      env        //
145      eqn        //
146      expand     //
147      expr       //
148      exstr      //
149      factor     //
150      false     //
151      fcinfo     //
152      fcoesvc   //
153      fdetach    //
154      fdformat   //
155      fdisk      //
156      filesync   //
157      fgrep     //
158      file       //
159      find       //
160      flowadm    //
161      flowstat   //
162      fm        //
163      fmt        //
164      fmtthard   //
165      fmtmsg     //
166      fold       //
167      format     //
168      fs.d       //
169      fstyp      //
170      fuser      //
171      fwflash    //
172      gcore      //
173      gencat     //
174      geniconvtbl //
175      genmsg     //
176      getconf    //
177      getdevpolicy //
178      getent     //
179      getfacl    //
180      getmajor   //
181      getopt    //
182      gettext    //
183      gettxt     //
184      grep       //
185      grep_xpg4 //
186      groups     //
187      grpck      //
188      gss        //
189      hal        //
190      halt       //
191      head       //
192      hostid     //
193      hostname   //

```

3

new/usr/src/cmd/Makefile

```

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

```

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new/usr/src/cmd/Makefile

```

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

```

new/usr/src/cmd/Makefile

```

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

```

new/usr/src/cmd/Makefile

```

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

```

7

new/usr/src/cmd/Makefile

```

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

473 i386_SUBDIRS=
474      acpihp
475      addbadsec
476      biosdev
477      diskscan
478      lms
479      rtc
480      ucodeadm
481      xvm

483 sparc_SUBDIRS=
484      cvcd
485      dcs
486      device_remap
487      drd
488      fruadm
489      ldmad
490      oplhp
491      prtscp
492      prtfru
493      scadm
494      skcmd
495      sf880drd
496      virtinfo
497      vntsd

499 #
500 # Commands that are messaged. Note that 'lp' comes first
501 # (see previous comment about 'lp'.)
502 #
503 MSGSUBDIRS=
504      lp
505      abi
506      acctadm
507      allocate
508      asa
509      audio
510      audit
511      auditconfig
512      auditd
513      auditrecord
514      auditset
515      auths
516      autopush
517      avs
518      awk
519      awk_xpg4
520      backup
521      banner
522      bart
523      basename

```

8

new/usr/src/cmd/Makefile

524 beadm //
525 bnu //
526 busstat //
527 cal //
528 cat //
529 cdrw //
530 cfgadm //
531 checkeq //
532 checknr //
533 chgrp //
534 chmod //
535 chown //
536 cmd-crypto //
537 cmd-inet //
538 col //
539 compress //
540 consadm //
541 coreadm //
542 cpio //
543 cpc //
544 cron //
545 csh //
546 csplit //
547 ctrun //
548 ctstat //
549 ctwatch //
550 datadm //
551 date //
552 dc //
553 dcs //
554 dd //
555 deroff //
556 devfsadm //
557 dfs_cmds //
558 diff //
559 diffmk //
560 dladm //
561 dlstat //
562 du //
563 dumpcs //
564 ed //
565 eject //
566 env //
567 eqn //
568 expand //
569 expr //
570 fcinfo //
571 fgrep //
572 file //
573 filesync //
574 find //
575 flowadm //
576 flowstat //
577 fm //
578 fold //
579 fs.d //
580 fwflash //
581 geniconvtbl //
582 genmsg //
583 getconf //
584 getent //
585 gettext //
586 gettxt //
587 grep //
588 grep_xpg4 //
589 grpck //

new/usr/src/cmd/Makefile

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

```

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

```

```

721     w         \|
722     who       \|
723     whodo    \|
724     wracct   \|
725     write    \|
726     xargs    \|
727     yppasswd \|
728     zdump    \|
729     zfs      \|
730     zic      \|
731     zlogin   \|
732     zoneadm  \|
733     zoneadmd \|
734     zonecfg  \|
735     zonename \|
736     zpool    \|
737     zonestat \|

739     sparc_MSGSUBDIRS= \|
740     fruadm           \|
741     prtndscp        \|
742     prtfru          \|
743     virtinfo        \|
744     vntsd           \|

746     i386_MSGSUBDIRS= \|
747     ucodeadm         \|

749 #
750 # commands that use dcgettext for localized time, LC_TIME
751 #
752     DCSUBDIRS= \|
753     cal         \|
754     cfgadm     \|
755     diff       \|
756     ls         \|
757     pr         \|
758     ps         \|
759     tar        \|
760     w          \|
761     who        \|
762     whodo     \|
763     write     \|

765 #
766 # commands that belong only to audit.
767 #
768     AUDITSUBDIRS= \|
769     amt           \|
770     audit        \|
771     audit_warn   \|
772     auditconfig  \|
773     auditd       \|
774     auditrecord  \|
775     auditreduce  \|
776     auditset     \|
777     auditstat    \|
778     praudit     \|

780 #
781 # commands not owned by the systems group
782 #
783     BWOSDIRS=

786     all :=          TARGET = all

```

new/usr/src/cmd/Makefile

13

```
787 install :=      TARGET = install
788 clean :=       TARGET = clean
789 clobber :=     TARGET = clobber
790 lint :=        TARGET = lint
791 _msg :=        TARGET = _msg
792 _dc :=         TARGET = _dc

794 .KEEP_STATE:

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

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

800 all install clean clobber lint: $(FIRST_SUBDIRS) .WAIT $(SUBDIRS) \
801     $(AUDITSUBDIRS)

803 #
804 # Manifests cannot be checked in parallel, because we are using
805 # the global repository that is in $(SRC)/cmd/svc/seed/global.db.
806 # For this reason, to avoid .PARALLEL and .NO_PARALLEL conflicts,
807 # we spawn off a sub-make to perform the non-parallel 'make check'
808 #
809 check:
810     $(MAKE) -f Makefile.check check

812 #
813 # The .WAIT directive works around an apparent bug in parallel make.
814 # Evidently make was getting the target _msg vs. _dc confused under
815 # some level of parallelization, causing some of the _dc objects
816 # not to be built.
817 #
818 _msg: $(MSGSUBDIRS) $($ (MACH)_MSGSUBDIRS) .WAIT _dc

820 _dc: $(DCSUBDIRS)

822 #
823 # Dependencies
824 #
825 fs.d: fstyp
826 ksh:    shcomp isaexec
827 mdb:   terminfo
828 print: lp
829 fmt:   mailx

831 $(FIRST_SUBDIRS) $(BWOSDIRS) $(SUBDIRS) $(AUDITSUBDIRS): FRC
832     @if [ -f $@/Makefile ]; then \
833         cd $@; pwd; $(MAKE) $(TARGET); \
834     else \
835         true; \
836     fi

838 FRC:
```

new/usr/src/cmd/ssh/Makefile

1

```
*****
1460 Tue Aug 16 20:40:31 2016
new/usr/src/cmd/ssh/Makefile
7293 Sun Secure Shell is neither
*****

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 #
8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
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 #

22 #
23 # Copyright 2009 Sun Microsystems, Inc. All rights reserved.
24 # Use is subject to license terms.
25 #

27 include      ../Makefile.cmd

29 # libopenbsd-compat and libssh are used by all SSH binaries, and sftp-server is
30 # also used as an internal part of sshd.
31 SUBDIRS= \
32     etc \
33     libopenbsd-compat \
34     libssh \
35     sftp-server \
36     .WAIT \
37     ssh \
38     sshd \
39     scp \
40     ssh-add \
41     ssh-agent \
42     ssh-keygen \
43     ssh-keysign \
44     ssh-keyscan \
45     sftp \
46     ssh-http-proxy-connect \
47     ssh-socks5-proxy-connect

49 MSGFILE=ssh.po
50 POFILE=_messages.po

32 CLOBBERFILES += $(MSGFILE) THIRDPARTYLICENSE

34 .KEEP_STATE:

36 all :=          TARGET= all
37 clean :=       TARGET= clean
38 clobber :=     TARGET= clobber
59 delete :=      TARGET= delete
39 install :=     TARGET= install
```

new/usr/src/cmd/ssh/Makefile

2

```
61 lint :=        TARGET= lint
62 catalog :=     TARGET= catalog
63 package :=     TARGET= package
64 _msg :=        TARGET= _msg
65 $(POFILE) :=   TARGET= $(POFILE)

41 all clean install: $(SUBDIRS)

43 lint:

67 all clean install lint $(POFILE): $(SUBDIRS)
45 clobber: $(SUBDIRS) clobber_local
46 clobber_local:
47     $(RM) $(CLOBBERFILES)

49 all install: THIRDPARTYLICENSE

74 check: $(CHECKHDRS)

76 # See Makefile.msg.targ for $(MSGFILE) update instructions
77 _msg:
78     $(RM) $(POFILE)
79     $(TOUCH) $(POFILE)
80     $(MAKE) $(POFILE) XGETTEXT=/usr/bin/gxgettext
81     $(CP) $(POFILE) $(MSGFILE)
82     $(CP) $(MSGFILE) $(MSGDOMAIN)

51 $(SUBDIRS):      FRC
52     cd $@; pwd; $(MAKE) $(TARGET)

54 # skip the summary; just include the actual license clauses.
55 THIRDPARTYLICENSE: doc/LICENCE
56     $(SED) -n '/1)/,$$p' doc/LICENCE > $@

58 FRC:
```

```

*****
1370 Tue Aug 16 20:40:36 2016
new/usr/src/cmd/ssh/etc/Makefile
7293 Sun Secure Shell is neither
*****
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 #
8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
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 # Copyright 2009 Sun Microsystems, Inc. All rights reserved.
22 # Use is subject to license terms.
23 #

25 MANIFEST = ssh.xml
26 SVCMETHOD = sshd

28 include ../../Makefile.cmd
29 include ../Makefile.ssh-common

31 SSHASKPASS=    $(ROOTLIBSSH)/ssh-askpass
30 ETCSSHDIR=     $(ROOTETC)/ssh
31 DIRS=          $(ETCSSHDIR)
33 DIRS=          $(ETCSSHDIR) $(ROOTLIBSSH) $(ROOTLIBSUNSSH)

33 FILES= sshd_config ssh_config
35 FILES= sshd_config ssh_config moduli.sunssh

37 ETCSSHLINKS=  $(ETCSSHDIR)/moduli

35 ETCSSHFILES=  $(FILES:%=$(ETCSSHDIR)/%)

37 $(ETCSSHFILES) := FILEMODE=    644

39 ROOTMANIFESTDIR = $(ROOTSVCNETWORK)

41 $(ETCSSHDIR)/% : %
42     $(INS.file)

44 $(DIRS):
45     $(INS.dir)

51 $(ETCSSHDIR)/moduli: $(ETCSSHDIR)/moduli.sunssh
52     -$(RM) $@; $(SYMLINK) moduli.sunssh $@

54 $(ROOTLIBSSH)/%: %
55     $(INS.file)

47 $(POFILE):

49 all lint clean clobber _msg:

```

```

51 install: all $(DIRS) $(ETCSSHFILES) $(ROOTMANIFEST) $(ROOTSVCMETHOD)
61 install: all $(DIRS) $(ETCSSHFILES) $(ETCSSHLINKS) $(ROOTMANIFEST) $(ROOTSVC METH
62     $(SSHASKPASS)

53 check: $(CHKMANIFEST)

55 include ../../Makefile.targ

```

```

*****
12512 Tue Aug 16 20:42:32 2016
new/usr/src/man/man1/Makefile
7293 Sun Secure Shell is neither
*****
1 #
2 # This file and its contents are supplied under the terms of the
3 # Common Development and Distribution License ("CDDL"), version 1.0.
4 # You may only use this file in accordance with the terms of version
5 # 1.0 of the CDDL.
6 #
7 # A full copy of the text of the CDDL should have accompanied this
8 # source. A copy of the CDDL is also available via the Internet
9 # at http://www.illumos.org/license/CDDL.
10 #
11 #
12 #
13 # Copyright 2011, Richard Lowe
14 # Copyright 2015 Nexenta Systems, Inc. All rights reserved.
15 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
16 #
17 #
18 include      $(SRC)/Makefile.master
19 #
20 MANSECT=     1
21 #
22 MANFILES=    acctcom.1      \|
23              adb.1         \|
24              addbib.1      \|
25              alias.1       \|
26              allocate.1    \|
27              amt.1         \|
28              appcert.1     \|
29              apptrace.1    \|
30              apropos.1     \|
31              ar.1          \|
32              arch.1        \|
33              asa.1         \|
34              at.1          \|
35              atq.1         \|
36              atrm.1        \|
37              audioconvert.1 \|
38              audiocvt.1    \|
39              audioplay.1   \|
40              audiorecord.1 \|
41              audiotest.1   \|
42              auths.1       \|
43              awk.1         \|
44              banner.1      \|
45              basename.1   \|
46              bc.1         \|
47              bdiff.1       \|
48              break.1       \|
49              builtin.1     \|
50              cal.1         \|
51              calendar.1    \|
52              cancel.1      \|
53              cat.1         \|
54              cd.1          \|
55              cdrw.1        \|
56              checknr.1     \|
57              chgrp.1       \|
58              chkey.1       \|
59              chmod.1       \|
60              chown.1       \|
61              ckdate.1     \|

```

```

62              ckgid.1       \|
63              ckint.1       \|
64              ckitem.1      \|
65              ckkeywd.1     \|
66              ckpath.1     \|
67              ckrange.1    \|
68              ckstr.1       \|
69              cksum.1       \|
70              cktime.1     \|
71              ckuid.1      \|
72              ckyorn.1     \|
73              clear.1       \|
74              cmp.1         \|
75              col.1         \|
76              comm.1       \|
77              command.1    \|
78              compress.1   \|
79              cp.1          \|
80              cpio.1        \|
81              cputrack.1   \|
82              crle.1        \|
83              crontab.1    \|
84              crypt.1       \|
85              csh.1         \|
86              csplit.1     \|
87              ctags.1       \|
88              ctrun.1       \|
89              ctstat.1     \|
90              ctwatch.1    \|
91              cut.1         \|
92              date.1        \|
93              dc.1          \|
94              deallocate.1  \|
95              deroff.1     \|
96              dhcpinfo.1   \|
97              diff.1        \|
98              diff3.1       \|
99              diffmk.1     \|
100             digest.1     \|
101             dircmp.1      \|
102             dis.1         \|
103             disown.1      \|
104             dispgid.1     \|
105             dispuid.1    \|
106             dos2unix.1   \|
107             download.1   \|
108             dpost.1      \|
109             du.1          \|
110             dump.1        \|
111             dumpcs.1     \|
112             echo.1       \|
113             ed.1          \|
114             egrep.1       \|
115             eject.1       \|
116             elfdump.1    \|
117             elfedit.1    \|
118             elfsign.1    \|
119             elfwrap.1    \|
120             enable.1     \|
121             encrypt.1    \|
122             enhance.1    \|
123             env.1         \|
124             eqn.1         \|
125             exec.1        \|
126             exit.1        \|
127             expand.1     \|

```

```

128      expr.1
129      exstr.1
130      factor.1
131      fdformat.1
132      fgrep.1
133      file.1
134      filesync.1
135      find.1
136      finger.1
137      fmt.1
138      fmsg.1
139      fold.1
140      ftp.1
141      gcore.1
142      gencl.1
143      genmsg.1
144      getconf.1
145      getfacl.1
146      getlabel.1
147      getopt.1
148      getoptcv.1
149      getopts.1
150      gettext.1
151      gettxt.1
152      getzonepath.1
153      glob.1
154      gprof.1
155      grep.1
156      groups.1
157      hash.1
158      head.1
159      history.1
160      hostid.1
161      hostname.1
162      iconv.1
163      indexbib.1
164      Intro.1
165      ipcrm.1
166      ipcs.1
167      isainfo.1
168      isalist.1
169      jobs.1
170      join.1
171      kbd.1
172      kdestroy.1
173      keylogin.1
174      keylogout.1
175      kill.1
176      kinit.1
177      klist.1
178      kmdb.1
179      kmfcfg.1
180      kpasswd.1
181      krb5-config.1
182      ksh93.1
183      ktutil.1
184      kvmstat.1
185      lari.1
186      last.1
187      lastcomm.1
188      ld.1
189      ldap.1
190      ldapdelete.1
191      ldaplist.1
192      ldapmodify.1
193      ldapmodrdn.1

```

```

194      ldapsearch.1
195      ldd.1
196      ld.so.1.1
197      let.1
198      lex.1
199      lgrpinfo.1
200      limit.1
201      line.1
202      list_devices.1
203      listusers.1
204      ln.1
205      loadkeys.1
206      locale.1
207      localedef.1
208      logger.1
209      login.1
210      logname.1
211      logout.1
212      look.1
213      lookbib.1
214      lorder.1
215      lp.1
216      lpstat.1
217      ls.1
218      m4.1
219      mac.1
220      mach.1
221      madv.so.1.1
222      mail.1
223      mailcompat.1
224      mailstats.1
225      mailx.1
226      make.1
227      makekey.1
228      man.1
229      mandoc.1
230      mconnect.1
231      mcs.1
232      mdb.1
233      msg.1
234      mkdir.1
235      mkmsgs.1
236      mktemp.1
237      moe.1
238      more.1
239      mpss.so.1.1
240      msgcc.1
241      msgcpp.1
242      msgcv.1
243      msgfmt.1
244      msggen.1
245      msgget.1
246      mt.1
247      mv.1
248      nawk.1
249      nc.1
250      nca.1
251      ncab2clf.1
252      ncakmod.1
253      newform.1
254      newgrp.1
255      news.1
256      newtask.1
257      nice.1
258      nl.1
259      nm.1

```

```

260      nohup.1
261      nroff.1
262      od.1
263      on.1
264      optisa.1
265      pack.1
266      pagesize.1
267      pargs.1
268      passwd.1
269      paste.1
270      pathchk.1
271      pax.1
272      pfexec.1
273      pg.1
274      pgrep.1
275      pkginfo.1
276      pkgmk.1
277      pkgparam.1
278      pkgproto.1
279      pkgtrans.1
280      pktool.1
281      plabel.1
282      plgrp.1
283      plimit.1
284      pmadvise.1
285      pmap.1
286      postio.1
287      postprint.1
288      postreverse.1
289      ppgsz.1
290      ppriv.1
291      pr.1
292      praliases.1
293      prctl.1
294      preap.1
295      prex.1
296      print.1
297      printf.1
298      pricntl.1
299      proc.1
300      prof.1
301      profiles.1
302      projects.1
303      ps.1
304      ptree.1
305      pvs.1
306      pwd.1
307      ranlib.1
308      rcapstat.1
309      rcp.1
310      rdist.1
311      read.1
312      readonly.1
313      refer.1
314      regcmp.1
315      renice.1
316      rev.1
317      rlogin.1
318      rm.1
319      rmformat.1
320      rmmount.1
321      roffbib.1
322      roles.1
323      rpcgen.1
324      rsh.1
325      runat.1

```

```

326      rup.1
327      ruptime.1
328      rusers.1
329      rwho.1
330      sar.1
331      scp.sunssh.1
331      script.1
332      sdiff.1
333      sed.1
334      sendmail-mailq.1
335      set.1
336      setfacl.1
337      setlabel.1
338      setpggrp.1
340      sftp.sunssh.1
339      shcomp.1
340      shell_builtins.1
341      shift.1
342      size.1
343      sleep.1
344      smbutil.1
345      soelim.1
346      sort.1
347      sortbib.1
348      sotruss.1
349      spell.1
350      split.1
351      srchtxt.1
354      ssh.sunssh.1
355      ssh-add.sunssh.1
356      ssh-agent.sunssh.1
357      ssh-http-proxy-connect.sunssh.1
358      ssh-keygen.sunssh.1
359      ssh-keyscan.sunssh.1
360      ssh-socks5-proxy-connect.sunssh.1
352      strchg.1
353      strings.1
354      strip.1
355      stty.1
356      sum.1
357      suspend.1
358      svcprop.1
359      svcs.1
360      symorder.1
361      sysV-make.1
362      sys-suspend.1
363      tabs.1
364      tail.1
365      talk.1
366      tar.1
367      tbl.1
368      tcopy.1
369      tee.1
370      telnet.1
371      test.1
372      tftp.1
373      time.1
374      times.1
375      timex.1
376      tip.1
377      tnfdump.1
378      tnfxtract.1
379      touch.1
380      tput.1
381      tr.1
382      trap.1

```



```

383 troff.1 //
384 true.1 //
385 truss.1 //
386 tsort.1 //
387 tty.1 //
388 type.1 //
389 typeset.1 //
390 ul.1 //
391 umask.1 //
392 uname.1 //
393 unifdef.1 //
394 uniq.1 //
395 units.1 //
396 unix2dos.1 //
397 uptime.1 //
398 uuidgen.1 //
399 vacation.1 //
400 vgrind.1 //
401 volcheck.1 //
402 volrmmount.1 //
403 w.1 //
404 wait.1 //
405 wc.1 //
406 which.1 //
407 who.1 //
408 whocalls.1 //
409 whois.1 //
410 write.1 //
411 xargs.1 //
412 xgettext.1 //
413 xstr.1 //
414 yacc.1 //
415 yes.1 //
416 ypcat.1 //
417 ypmatch.1 //
418 yppasswd.1 //
419 ypwhich.1 //
420 zlogin.1 //
421 zonename.1 //

423 MANLINKS= batch.1 //
424 bg.1 //
425 case.1 //
426 chdir.1 //
427 checkeq.1 //
428 continue.1 //
429 decrypt.1 //
430 dirname.1 //
431 dirs.1 //
432 disable.1 //
433 dmake.1 //
434 dumpkeys.1 //
435 edit.1 //
436 errrange.1 //
437 errdate.1 //
438 errgid.1 //
439 errint.1 //
440 erritem.1 //
441 errpath.1 //
442 errstr.1 //
443 errtime.1 //
444 erruid.1 //
445 erryorn.1 //
446 eval.1 //
447 export.1 //
448 false.1 //

```

```

449 fc.1 //
450 fg.1 //
451 for.1 //
452 foreach.1 //
453 function.1 //
454 goto.1 //
455 hashcheck.1 //
456 hashmake.1 //
457 hashstat.1 //
458 helpdate.1 //
459 helpgid.1 //
460 helpint.1 //
461 helpitem.1 //
462 helppath.1 //
463 helprange.1 //
464 helpstr.1 //
465 helptime.1 //
466 helpuid.1 //
467 helpyorn.1 //
468 hist.1 //
469 if.1 //
470 intro.1 //
471 jsh.1 //
472 ksh.1 //
473 ldapadd.1 //
474 mailq.1 //
475 negn.1 //
476 notify.1 //
477 onintr.1 //
478 page.1 //
479 pcat.1 //
480 pcred.1 //
481 pfcsh.1 //
482 pfiles.1 //
483 pfksh.1 //
484 pflags.1 //
485 pfsh.1 //
486 pkill.1 //
487 pldd.1 //
488 popd.1 //
489 prun.1 //
490 psig.1 //
491 pstack.1 //
492 pstop.1 //
493 ptime.1 //
494 pushd.1 //
495 pwait.1 //
496 pwdx.1 //
497 red.1 //
498 rehash.1 //
499 remote_shell.1 //
500 remsh.1 //
501 repeat.1 //
502 return.1 //
503 rksh.1 //
504 rksh93.1 //
505 rmail.1 //
506 rmdir.1 //
507 rmumount.1 //
517 scp.1 //
508 select.1 //
509 setenv.1 //
510 settime.1 //
521 sftp.1 //
511 sh.1 //
512 snca.1 //

```

```

513         source.1          \|
514         spellin.1         \|
526         ssh.1            \|
527         ssh-add.1         \|
528         ssh-agent.1       \|
529         ssh-http-proxy-connect.1 \|
530         ssh-keygen.1      \|
531         ssh-keyscan.1     \|
532         ssh-socks5-proxy-connect.1 \|
515         stop.1           \|
516         strconf.1        \|
517         switch.1         \|
518         ulimit.1         \|
519         unalias.1        \|
520         uncompress.1     \|
521         unexpand.1       \|
522         unhash.1         \|
523         unlimit.1        \|
524         unpack.1         \|
525         unset.1          \|
526         unsetenv.1       \|
527         until.1          \|
528         valdate.1        \|
529         valgid.1         \|
530         valint.1         \|
531         valpath.1        \|
532         valrange.1       \|
533         valstr.1         \|
534         valtime.1        \|
535         valuid.1         \|
536         valyorn.1        \|
537         vedit.1          \|
538         whatis.1         \|
539         whence.1         \|
540         while.1          \|
541         zcat.1           \|

543 intro.1          := LINKSRC = Intro.1

545 whatis.1          := LINKSRC = apropos.1

547 unalias.1        := LINKSRC = alias.1

549 batch.1           := LINKSRC = at.1

551 dirname.1         := LINKSRC = basename.1

553 continue.1       := LINKSRC = break.1

555 chdir.1           := LINKSRC = cd.1
556 dirs.1            := LINKSRC = cd.1
557 popd.1            := LINKSRC = cd.1
558 pushd.1           := LINKSRC = cd.1

560 errdate.1         := LINKSRC = ckdate.1
561 helpdate.1        := LINKSRC = ckdate.1
562 valdate.1         := LINKSRC = ckdate.1

564 errgid.1          := LINKSRC = ckgid.1
565 helpgid.1         := LINKSRC = ckgid.1
566 valgid.1          := LINKSRC = ckgid.1

568 errint.1          := LINKSRC = ckint.1
569 helpint.1         := LINKSRC = ckint.1
570 valint.1          := LINKSRC = ckint.1

```

```

572 erritem.1        := LINKSRC = ckitem.1
573 helpitem.1       := LINKSRC = ckitem.1

575 errpath.1        := LINKSRC = ckpath.1
576 helppath.1       := LINKSRC = ckpath.1
577 valpath.1        := LINKSRC = ckpath.1

579 errrange.1       := LINKSRC = ckrange.1
580 helprange.1      := LINKSRC = ckrange.1
581 valrange.1       := LINKSRC = ckrange.1

583 errstr.1         := LINKSRC = ckstr.1
584 helpstr.1        := LINKSRC = ckstr.1
585 valstr.1         := LINKSRC = ckstr.1

587 errtime.1        := LINKSRC = cktime.1
588 helptime.1       := LINKSRC = cktime.1
589 valtime.1        := LINKSRC = cktime.1

591 erruid.1          := LINKSRC = ckuid.1
592 helpuid.1         := LINKSRC = ckuid.1
593 valuid.1          := LINKSRC = ckuid.1

595 erryorn.1        := LINKSRC = ckyorn.1
596 helpyorn.1       := LINKSRC = ckyorn.1
597 valyorn.1        := LINKSRC = ckyorn.1

599 uncompress.1     := LINKSRC = compress.1
600 zcat.1           := LINKSRC = compress.1

602 red.1            := LINKSRC = ed.1

604 disable.1        := LINKSRC = enable.1

606 decrypt.1        := LINKSRC = encrypt.1

608 dmake.1          := LINKSRC = make.1

610 checkeq.1        := LINKSRC = eqn.1
611 neqn.1           := LINKSRC = eqn.1

613 eval.1           := LINKSRC = exec.1
614 source.1         := LINKSRC = exec.1

616 goto.1           := LINKSRC = exit.1
617 return.1         := LINKSRC = exit.1

619 unexpand.1       := LINKSRC = expand.1

621 hashstat.1       := LINKSRC = hash.1
622 rehash.1         := LINKSRC = hash.1
623 unhash.1         := LINKSRC = hash.1

625 fc.1             := LINKSRC = history.1
626 hist.1           := LINKSRC = history.1

628 bg.1             := LINKSRC = jobs.1
629 fg.1             := LINKSRC = jobs.1
630 notify.1         := LINKSRC = jobs.1
631 stop.1           := LINKSRC = jobs.1

633 jsh.1            := LINKSRC = ksh93.1
634 ksh.1            := LINKSRC = ksh93.1
635 rksh.1           := LINKSRC = ksh93.1
636 rksh93.1         := LINKSRC = ksh93.1
637 sh.1             := LINKSRC = ksh93.1

```

```

639 ldapadd.1      := LINKSRC = ldapmodify.1
641 mailq.1       := LINKSRC = sendmail-mailq.1
643 ulimit.1      := LINKSRC = limit.1
644 unlimit.1     := LINKSRC = limit.1
646 dumpkeys.1    := LINKSRC = loadkeys.1
648 rmail.1       := LINKSRC = mail.1
650 page.1        := LINKSRC = more.1
652 snca.1        := LINKSRC = nca.1
654 pcat.1        := LINKSRC = pack.1
655 unpack.1      := LINKSRC = pack.1
657 pfcsh.1       := LINKSRC = pfexec.1
658 pfksh.1       := LINKSRC = pfexec.1
659 pfsh.1        := LINKSRC = pfexec.1
661 pkill.1       := LINKSRC = pgrep.1
663 pcred.1       := LINKSRC = proc.1
664 pfiles.1      := LINKSRC = proc.1
665 pflags.1      := LINKSRC = proc.1
666 pldd.1        := LINKSRC = proc.1
667 prun.1        := LINKSRC = proc.1
668 psig.1        := LINKSRC = proc.1
669 pstack.1      := LINKSRC = proc.1
670 pstop.1       := LINKSRC = proc.1
671 ptime.1       := LINKSRC = proc.1
672 pwait.1       := LINKSRC = proc.1
673 pwdx.1        := LINKSRC = proc.1
675 rmdir.1       := LINKSRC = rm.1
677 rmumount.1   := LINKSRC = rmmount.1
679 remote_shell.1 := LINKSRC = rsh.1
680 remsh.1       := LINKSRC = rsh.1
682 export.1      := LINKSRC = set.1
683 setenv.1      := LINKSRC = set.1
684 unset.1       := LINKSRC = set.1
685 unsetenv.1    := LINKSRC = set.1
687 case.1        := LINKSRC = shell_builtins.1
688 for.1         := LINKSRC = shell_builtins.1
689 foreach.1     := LINKSRC = shell_builtins.1
690 function.1    := LINKSRC = shell_builtins.1
691 if.1          := LINKSRC = shell_builtins.1
692 repeat.1     := LINKSRC = shell_builtins.1
693 select.1     := LINKSRC = shell_builtins.1
694 switch.1     := LINKSRC = shell_builtins.1
695 until.1      := LINKSRC = shell_builtins.1
696 while.1      := LINKSRC = shell_builtins.1
698 hashcheck.1   := LINKSRC = spell.1
699 hashmake.1    := LINKSRC = spell.1
700 spellin.1     := LINKSRC = spell.1
720 scp.1        := LINKSRC = scp.sunssh.1
721 sftp.1       := LINKSRC = sftp.sunssh.1

```

```

722 ssh.1         := LINKSRC = ssh.sunssh.1
723 ssh-add.1     := LINKSRC = ssh-add.sunssh.1
724 ssh-agent.1   := LINKSRC = ssh-agent.sunssh.1
725 ssh-http-proxy-connect.1 := LINKSRC = ssh-http-proxy-connect.sunssh.1
726 ssh-keygen.1  := LINKSRC = ssh-keygen.sunssh.1
727 ssh-keyscan.1 := LINKSRC = ssh-keyscan.sunssh.1
728 ssh-socks5-proxy-connect.1 := LINKSRC = ssh-socks5-proxy-connect.sunssh.1
703 strconf.1    := LINKSRC = strchg.1
705 settime.1    := LINKSRC = touch.1
707 onintr.1     := LINKSRC = trap.1
709 false.1     := LINKSRC = true.1
711 whence.1    := LINKSRC = typeset.1
713 # Links to usr/has/man
715 edit.1       := LINKSRC = ../../../../has/man/man1has/edit.lhas
717 vedit.1      := LINKSRC = ../../../../has/man/man1has/vi.lhas
719 .KEEP_STATE:
721 include      $(SRC)/man/Makefile.man
723 install:     $(ROOTMANFILES) $(ROOTMANLINKS)

```

14309 Tue Aug 16 20:42:37 2016

new/usr/src/man/man1m/Makefile

7293 Sun Secure Shell is neither

1 #
2 # This file and its contents are supplied under the terms of the
3 # Common Development and Distribution License ("CDDL"), version 1.0.
4 # You may only use this file in accordance with the terms of version
5 # 1.0 of the CDDL.
6 #
7 # A full copy of the text of the CDDL should have accompanied this
8 # source. A copy of the CDDL is also available via the Internet
9 # at http://www.illumos.org/license/CDDL.
10 #

12 #
13 # Copyright 2011, Richard Lowe
14 # Copyright (c) 2012, Joyent, Inc. All rights reserved.
15 # Copyright 2015 Nexenta Systems, Inc. All rights reserved.
16 # Copyright 2016 Toomas Soome <tsoome@me.com>
17 #

19 include \$(SRC)//Makefile.master

21 MANSECT= 1m

23 _MANFILES= 6to4relay.1m \
24 Intro.1m \
25 Uutry.1m \
26 accept.1m \
27 acct.1m \
28 acctadm.1m \
29 acctcms.1m \
30 acctcon.1m \
31 acctmerg.1m \
32 acctprc.1m \
33 acctsh.1m \
34 adbgen.1m \
35 add_allocatable.1m \
36 add_drv.1m \
37 addbadsec.1m \
38 arcstat.1m \
39 arp.1m \
40 atohexlabel.1m \
41 audit.1m \
42 audit_warn.1m \
43 auditconfig.1m \
44 auditd.1m \
45 auditrecord.1m \
46 auditreduce.1m \
47 auditstat.1m \
48 automount.1m \
49 automountd.1m \
50 autopush.1m \
51 bart.1m \
52 beadm.1m \
53 boot.1m \
54 bootadm.1m \
55 bootconfchk.1m \
56 busstat.1m \
57 captainfo.1m \
58 catman.1m \
59 cfgadm.1m \
60 cfgadm_ac.1m \
61 cfgadm_cardbus.1m \

62 cfgadm_fp.1m \
63 cfgadm_ib.1m \
64 cfgadm_pci.1m \
65 cfgadm_sata.1m \
66 cfgadm_sbd.1m \
67 cfgadm_scsi.1m \
68 cfgadm_sysctrl.1m \
69 cfgadm_usb.1m \
70 chat.1m \
71 check-hostname.1m \
72 check-permissions.1m \
73 chroot.1m \
74 clear_locks.1m \
75 clinfo.1m \
76 clri.1m \
77 consadm.1m \
78 conv_lp.1m \
79 conv_lpd.1m \
80 coreadm.1m \
81 cpustat.1m \
82 cron.1m \
83 cryptoadm.1m \
84 datadm.1m \
85 dd.1m \
86 devattr.1m \
87 devfree.1m \
88 devfsadm.1m \
89 device_remap.1m \
90 devinfo.1m \
91 devlinks.1m \
92 devnm.1m \
93 devprop.1m \
94 devreserv.1m \
95 df.1m \
96 df_ufs.1m \
97 dfmounts.1m \
98 dfmounts_nfs.1m \
99 dfshares.1m \
100 dfshares_nfs.1m \
101 dhcpcagent.1m \
102 disks.1m \
103 diskscan.1m \
104 dispadmin.1m \
105 dladm.1m \
106 dlmgmt.1m \
107 dmesg.1m \
108 dminfo.1m \
109 dns-sd.1m \
110 domainname.1m \
111 drvconfig.1m \
112 dsbitmap.1m \
113 dscfg.1m \
114 dscfgadm.1m \
115 dscfglockd.1m \
116 dsstat.1m \
117 dtrace.1m \
118 dumpadm.1m \
119 editmap.1m \
120 edquota.1m \
121 eeprom.1m \
122 embedded_su.1m \
123 etrn.1m \
124 fcinfo.1m \
125 fdetach.1m \
126 fdisk.1m \
127 ff.1m \

```

128 ff_ufs.1m //
129 fiocompress.1m //
130 flowadm.1m //
131 fmadm.1m //
132 fmd.1m //
133 fmdump.1m //
134 fmstat.1m //
135 fmthard.1m //
136 format.1m //
137 fruadm.1m //
138 fsck.1m //
139 fsck_pcfs.1m //
140 fsck_udfs.1m //
141 fsck_ufs.1m //
142 fsdb.1m //
143 fsdb_udfs.1m //
144 fsdb_ufs.1m //
145 fsirand.1m //
146 fssnap.1m //
147 fssnap_ufs.1m //
148 fsstat.1m //
149 fstyp.1m //
150 fuser.1m //
151 fwflash.1m //
152 fwtmp.1m //
153 getdev.1m //
154 getdevpolicy.1m //
155 getdgrp.1m //
156 getent.1m //
157 getty.1m //
158 getvol.1m //
159 groupadd.1m //
160 groupdel.1m //
161 groupmod.1m //
162 growfs.1m //
163 gsscred.1m //
164 gssd.1m //
165 hal-device.1m //
166 hal-fdi-validate.1m //
167 hal-find.1m //
168 hal-get-property.1m //
169 hald.1m //
170 halt.1m //
171 hextoalabel.1m //
172 hostconfig.1m //
173 ickey.1m //
174 id.1m //
175 idmap.1m //
176 idmapd.1m //
177 idsconfig.1m //
178 if_mpadm.1m //
179 ifconfig.1m //
180 ifparse.1m //
181 iiadm.1m //
182 iicpbmp.1m //
183 iicpshd.1m //
184 ikeadm.1m //
185 ikecert.1m //
186 in.chargend.1m //
187 in.comsat.1m //
188 in.daytimed.1m //
189 in.discardd.1m //
190 in.echod.1m //
191 in.fingerd.1m //
192 in.iked.1m //
193 in.lpd.1m //

```

```

194 in.mpathd.1m //
195 in.ndpd.1m //
196 in.rarpd.1m //
197 in.rdisc.1m //
198 in.rexecd.1m //
199 in.ripngd.1m //
200 in.rlogind.1m //
201 in.routed.1m //
202 in.rshd.1m //
203 in.rwhod.1m //
204 in.talkd.1m //
205 in.telnetd.1m //
206 in.tftpd.1m //
207 in.timed.1m //
208 in.uucpd.1m //
209 inetadm.1m //
210 inetconv.1m //
211 inetd.1m //
212 infocmp.1m //
213 init.1m //
214 inityp21.1m //
215 install.1m //
216 installf.1m //
217 installgrub.1m //
218 intrd.1m //
219 intrstat.1m //
220 iostat.1m //
221 ipaddrsel.1m //
222 ipadm.1m //
223 ipdadm.1m //
224 ipf.1m //
225 ipfs.1m //
226 ipfstat.1m //
227 ipmon.1m //
228 ipmpstat.1m //
229 ipnat.1m //
230 ippool.1m //
231 ipqosconf.1m //
232 ipsecalgs.1m //
233 ipsecconf.1m //
234 ipseckey.1m //
235 iscsiadm.1m //
236 isns.1m //
237 isnsadm.1m //
238 itadm.1m //
239 k5srvutil.1m //
240 kadb.1m //
241 kadmin.1m //
242 kadmin.d.1m //
243 kclient.1m //
244 kdb5_ldap_util.1m //
245 kdb5_util.1m //
246 kdcmgr.1m //
247 kernel.1m //
248 keyserv.1m //
249 killall.1m //
250 kprop.1m //
251 kpropd.1m //
252 kproplog.1m //
253 krb5kdc.1m //
254 ksslcfg.1m //
255 kstat.1m //
256 ktkt_warnd.1m //
257 labelit.1m //
258 labelit_hfs.1m //
259 labelit_udfs.1m //

```

```

260 labelit_ufs.1m //
261 latencytop.1m //
262 ldap_cachemgr.1m //
263 ldapaddent.1m //
264 ldapclient.1m //
265 link.1m //
266 listdgrp.1m //
267 listen.1m //
268 locator.1m //
269 lockfs.1m //
270 lockstat.1m //
271 lofiadm.1m //
272 logadm.1m //
273 logins.1m //
274 lpadmin.1m //
275 lpfilter.1m //
276 lpforms.1m //
277 lpget.1m //
278 lpmove.1m //
279 lpsched.1m //
280 lpset.1m //
281 lpshut.1m //
282 lpsystem.1m //
283 lpusers.1m //
284 luxadm.1m //
285 mail.local.1m //
286 mailwrapper.1m //
287 makedbm.1m //
288 makemap.1m //
289 mdmonitor.1m //
290 mdnsd.1m //
291 medstat.1m //
292 metaclear.1m //
293 metadb.1m //
294 metadevadm.1m //
295 metahs.1m //
296 metaimport.1m //
297 metainit.1m //
298 metaoffline.1m //
299 metaparam.1m //
300 metarecover.1m //
301 metarename.1m //
302 metareplace.1m //
303 metaroot.1m //
304 metaset.1m //
305 metassist.1m //
306 metastat.1m //
307 metasync.1m //
308 metattach.1m //
309 mkdevalloc.1m //
310 mkdevmaps.1m //
311 mkfifo.1m //
312 mkfile.1m //
313 mkfs.1m //
314 mkfs_pcfs.1m //
315 mkfs_udfs.1m //
316 mkfs_ufs.1m //
317 mknod.1m //
318 mkpwdict.1m //
319 modinfo.1m //
320 modload.1m //
321 modunload.1m //
322 mount.1m //
323 mount_hsfs.1m //
324 mount_nfs.1m //
325 mount_pcfs.1m //

```

```

326 mount_smbfs.1m //
327 mount_tmpfs.1m //
328 mount_udfs.1m //
329 mount_ufs.1m //
330 mountall.1m //
331 mountd.1m //
332 mpathadm.1m //
333 mpstat.1m //
334 msgid.1m //
335 mvdirt.1m //
336 ncaconfd.1m //
337 ncheck.1m //
338 ncheck_ufs.1m //
339 ndd.1m //
340 ndp.1m //
341 ndmpadm.1m //
342 ndmpd.1m //
343 ndmpstat.1m //
344 netstat.1m //
345 netstrategy.1m //
346 newaliases.1m //
347 newfs.1m //
348 newkey.1m //
349 nfs4cbd.1m //
350 nfsd.1m //
351 nfslogd.1m //
352 nfsmapid.1m //
353 nfsstat.1m //
354 nlsadmin.1m //
355 nscadm.1m //
356 nscd.1m //
357 nwamd.1m //
358 passmgmt.1m //
359 pbind.1m //
360 picld.1m //
361 ping.1m //
362 pkgadd.1m //
363 pkgadm.1m //
364 pkgask.1m //
365 pkgchk.1m //
366 pkgrm.1m //
367 plockstat.1m //
368 pmadm.1m //
369 pmconfig.1m //
370 polkit-is-privileged.1m //
371 pooladm.1m //
372 poolbind.1m //
373 poolcfg.1m //
374 poold.1m //
375 poolstat.1m //
376 ports.1m //
377 powerd.1m //
378 powertop.1m //
379 pppmgr.1m //
380 pppd.1m //
381 pppdump.1m //
382 pppoec.1m //
383 pppoed.1m //
384 pppstats.1m //
385 praudit.1m //
386 print-service.1m //
387 printmgr.1m //
388 projadd.1m //
389 projdel.1m //
390 projmod.1m //
391 prstat.1m //

```

```

392 prtconf.1m //
393 prtdiag.1m //
394 prtfru.1m //
395 prtpicl.1m //
396 prtvtoc.1m //
397 psradm.1m //
398 psrinfo.1m //
399 psrset.1m //
400 putdev.1m //
401 putdgrp.1m //
402 pwck.1m //
403 pwconv.1m //
404 quot.1m //
405 quota.1m //
406 quotacheck.1m //
407 quotaon.1m //
408 raidctl.1m //
409 ramdiskadm.1m //
410 rcapadm.1m //
411 rcapd.1m //
412 rctladm.1m //
413 rdate.1m //
414 reboot.1m //
415 rem_drv.1m //
416 remove_allocatable.1m //
417 removef.1m //
418 repquota.1m //
419 rmmount.1m //
420 rmt.1m //
421 rmvolmgr.1m //
422 roleadd.1m //
423 roledel.1m //
424 rolemod.1m //
425 root_archive.1m //
426 route.1m //
427 routeadm.1m //
428 rpc.bootparamd.1m //
429 rpc.mdcommd.1m //
430 rpc.metad.1m //
431 rpc.metamedd.1m //
432 rpc.metamhd.1m //
433 rpc.rexd.1m //
434 rpc.rstatd.1m //
435 rpc.rusersd.1m //
436 rpc.rwalld.1m //
437 rpc.smsserverd.1m //
438 rpc.sprayd.1m //
439 rpc.yppasswdd.1m //
440 rpc.yppupdated.1m //
441 rpcbind.1m //
442 rpcinfo.1m //
443 rquotad.1m //
444 rsh.1m //
445 rtc.1m //
446 rtquery.1m //
447 runacct.1m //
448 rwall.1m //
449 sac.1m //
450 sacadm.1m //
451 saf.1m //
452 sar.1m //
453 sasinfo.1m //
454 savecore.1m //
455 sbdadm.1m //
456 scadm.1m //
457 scmadm.1m //

```

```

458 sdpadm.1m //
459 sendmail.1m //
460 setuname.1m //
461 sftp-server.sunssh.1m //
462 share.1m //
463 share_nfs.1m //
464 shareall.1m //
465 sharectl.1m //
466 sharemgr.1m //
467 showmount.1m //
468 shutdown.1m //
469 slpd.1m //
470 smbadm.1m //
471 smbd.1m //
472 smbiod.1m //
473 smbios.1m //
474 smbstat.1m //
475 smrsh.1m //
476 smtnrhd.1m //
477 smtnrhtp.1m //
478 smtnzonecfg.1m //
479 sndradm.1m //
480 sndrd.1m //
481 sndrsyncd.1m //
482 snoop.1m //
483 soconfig.1m //
484 sppptun.1m //
485 spray.1m //
486 ssh-keysign.sunssh.1m //
487 sshd.sunssh.1m //
488 statd.1m //
489 stmfadm.1m //
490 stmsboot.1m //
491 strace.1m //
492 strclean.1m //
493 strerr.1m //
494 sttydefs.1m //
495 su.1m //
496 sulogin.1m //
497 svadm.1m //
498 svc.configd.1m //
499 svc.ipfd.1m //
500 svc.startd.1m //
501 svcadm.1m //
502 svccfg.1m //
503 swap.1m //
504 sync.1m //
505 syncinit.1m //
506 syncloop.1m //
507 syncstat.1m //
508 sysdef.1m //
509 syseventadm.1m //
510 syseventconfd.1m //
511 syseventd.1m //
512 syslogd.1m //
513 tapes.1m //
514 tcpd.1m //
515 tcpdchk.1m //
516 tcpdmatch.1m //
517 th_define.1m //
518 th_manage.1m //
519 tic.1m //
520 tnchkb.1m //
521 tnctl.1m //
522 tnd.1m //
523 tninfo.1m //

```

```

521         tpmadm.1m          //
522         traceroute.1m      //
523         trapstat.1m        //
524         ttyadm.1m          //
525         ttymon.1m          //
526         tuneufs.1m         //
527         txzonemgr.1m       //
528         tzselect.1m        //
529         uadmin.1m          //
530         ucodeadm.1m        //
531         ufsdump.1m         //
532         ufsrestore.1m      //
533         unshare.1m         //
534         unshare_nfs.1m     //
535         update_drv.1m      //
536         updatehome.1m     //
537         useradd.1m         //
538         userdel.1m         //
539         usermod.1m         //
540         utmpd.1m           //
541         uucheck.1m         //
542         uucico.1m          //
543         uucleanup.1m       //
544         uusched.1m         //
545         uuxqt.1m           //
546         vmstat.1m         //
547         volcopy.1m         //
548         volcopy_ufs.1m    //
549         vscanadm.1m        //
550         vscand.1m          //
551         wall.1m            //
552         wanboot_keygen.1m  //
553         wanboot_keygmt.1m //
554         wanboot_pl2split.1m //
555         wanbootutil.1m    //
556         whodo.1m           //
557         wificonfig.1m     //
558         wpad.1m            //
559         wracct.1m          //
560         ypbind.1m          //
561         ypinit.1m          //
562         ypmake.1m          //
563         ypmmap2src.1m     //
564         yppoll.1m          //
565         yppush.1m          //
566         ypserv.1m          //
567         ypset.1m           //
568         ypstart.1m         //
569         ypxfr.1m           //
570         zdb.1m             //
571         zdump.1m           //
572         zfs.1m             //
573         zic.1m             //
574         zoneadm.1m         //
575         zoneadmd.1m        //
576         zonecfg.1m         //
577         zpool.1m           //
578         zstreamdump.1m    //

580 i386_MANFILES= //
581         lms.1m             //

583 sparc_MANFILES= //
584         cvcd.1m            //
585         dcs.1m             //
586         drd.1m             //
586         efdaemon.1m       //

```

```

587         lmdadm.1m         //
588         monitor.1m        //
589         obpsym.1m         //
590         oplhpd.1m         //
591         prtdscp.1m        //
592         sckmd.1m          //
593         sf880drd.1m       //
594         vntsd.1m          //

596 MANLINKS= //
597         acctcon1.1m        //
598         acctcon2.1m        //
599         acctdisk.1m        //
600         acctdusg.1m        //
601         accton.1m          //
602         acctprcl.1m        //
603         acctprc2.1m        //
604         acctwtmp.1m        //
605         bootparamd.1m      //
606         chargefee.1m       //
607         ckpacct.1m         //
608         closewtmp.1m       //
609         comsat.1m          //
610         dcopy.1m           //
611         devfsadmd.1m       //
612         dodisk.1m          //
613         fcadm.1m           //
614         fingerd.1m         //
615         grpck.1m           //
616         hal-find-by-capability.1m //
617         hal-find-by-property.1m //
618         hal-set-property.1m //
619         intro.1m           //
620         kadmin.local.1m    //
621         lastlogin.1m       //
622         metadetach.1m      //
623         metaonline.1m      //
624         monacct.1m         //
625         nulladm.1m         //
626         poweroff.1m        //
627         prctmp.1m          //
628         prdaily.1m         //
629         prtacct.1m         //
630         quotaoff.1m        //
631         rarpd.1m           //
632         rdisc.1m           //
633         reject.1m          //
634         restricted_shell.1m //
635         rexd.1m            //
636         rexecd.1m          //
637         rlogind.1m         //
638         routed.1m          //
639         rshd.1m            //
640         rstatd.1m          //
641         rusersd.1m         //
642         rwalld.1m          //
643         rwhod.1m           //
644         sal.1m             //
645         sa2.1m             //
646         sadc.1m            //
647         sftp-server.1m     //
648         ssh-keysign.1m     //
649         sshd.1m            //
650         shutacct.1m        //
651         sprayd.1m          //
652         startup.1m         //
653         talkd.1m           //

```



```

650          telinit.lm          \/
651          telnetd.lm          \/
652          tftpd.lm           \/
653          turnacct.lm        \/
654          umount.lm          \/
655          umount_smbfs.lm    \/
656          umountall.lm       \/
657          unlink.lm          \/
658          unshareall.lm      \/
659          utmp2wtmp.lm       \/
660          uucpd.lm           \/
661          uutry.lm           \/
662          wtmpfix.lm         \/
663          yppasswdd.lm       \/
664          ypstop.lm          \/
665          ypuupdated.lm      \/
666          ypxfr_1perday.lm   \/
667          ypxfr_1perhour.lm \/
668          ypxfr_2perday.lm   \/
669          ypxfrd.lm          \/

671 MANFILES=      $_MANFILES) $_(MACH)_MANFILES)

673 intro.lm        := LINKSRC = Intro.lm

675 uutry.lm        := LINKSRC = Uutry.lm

677 reject.lm       := LINKSRC = accept.lm

679 acctdisk.lm     := LINKSRC = acct.lm
680 acctdusg.lm     := LINKSRC = acct.lm
681 accton.lm       := LINKSRC = acct.lm
682 acctwtmp.lm     := LINKSRC = acct.lm
683 closetmp.lm    := LINKSRC = acct.lm
684 utmp2wtmp.lm    := LINKSRC = acct.lm

686 acctcon1.lm     := LINKSRC = acctcon.lm
687 acctcon2.lm     := LINKSRC = acctcon.lm

689 acctprc1.lm     := LINKSRC = acctprc.lm
690 acctprc2.lm     := LINKSRC = acctprc.lm

692 chargefee.lm   := LINKSRC = acctsh.lm
693 ckpacct.lm     := LINKSRC = acctsh.lm
694 dodisk.lm      := LINKSRC = acctsh.lm
695 lastlogin.lm   := LINKSRC = acctsh.lm
696 monacct.lm     := LINKSRC = acctsh.lm
697 nulladm.lm     := LINKSRC = acctsh.lm
698 prctmp.lm      := LINKSRC = acctsh.lm
699 prdaily.lm     := LINKSRC = acctsh.lm
700 prtacct.lm     := LINKSRC = acctsh.lm
701 shutacct.lm    := LINKSRC = acctsh.lm
702 startup.lm     := LINKSRC = acctsh.lm
703 turnacct.lm    := LINKSRC = acctsh.lm

705 dcopy.lm       := LINKSRC = clri.lm

707 devfsadm.lm    := LINKSRC = devfsadm.lm

709 fcadm.lm       := LINKSRC = fcinfo.lm

711 wtmpfix.lm     := LINKSRC = fwtmp.lm

713 hal-find-by-capability.lm := LINKSRC = hal-find.lm
714 hal-find-by-property.lm  := LINKSRC = hal-find.lm

```

```

716 hal-set-property.lm := LINKSRC = hal-get-property.lm

718 poweroff.lm        := LINKSRC = halt.lm

726 sftp-server.lm     := LINKSRC = sftp-server.sunssh.lm
727 ssh-keysign.lm     := LINKSRC = ssh-keysign.sunssh.lm
728 sshd.lm             := LINKSRC = sshd.sunssh.lm

721 comsat.lm          := LINKSRC = in.comsat.lm
722 fingerd.lm         := LINKSRC = in.fingerd.lm
723 rarpd.lm           := LINKSRC = in.rarpd.lm
724 rdisc.lm           := LINKSRC = in.rdisc.lm
725 rexecd.lm          := LINKSRC = in.rexecd.lm
726 rlogind.lm         := LINKSRC = in.rlogind.lm
727 routed.lm          := LINKSRC = in.routed.lm
728 rshd.lm            := LINKSRC = in.rshd.lm
729 rwhod.lm           := LINKSRC = in.rwhod.lm
730 talkd.lm           := LINKSRC = in.talkd.lm
731 telnetd.lm         := LINKSRC = in.telnetd.lm
732 tftpd.lm           := LINKSRC = in.tftpd.lm
733 uucpd.lm           := LINKSRC = in.uucpd.lm

735 telinit.lm        := LINKSRC = init.lm

737 kadmin.local.lm   := LINKSRC = kadmin.lm

739 unlink.lm         := LINKSRC = link.lm

741 metaonline.lm     := LINKSRC = metaoffline.lm

743 metadetach.lm     := LINKSRC = metattach.lm

745 umount.lm         := LINKSRC = mount.lm

747 umount_smbfs.lm  := LINKSRC = mount_smbfs.lm

749 umountall.lm     := LINKSRC = mountall.lm

751 grpck.lm          := LINKSRC = pwck.lm

753 quotaoff.lm       := LINKSRC = quotaon.lm

755 bootparamd.lm     := LINKSRC = rpc.bootparamd.lm
756 rexd.lm            := LINKSRC = rpc.rexd.lm
757 rstatd.lm          := LINKSRC = rpc.rstatd.lm
758 rusersd.lm         := LINKSRC = rpc.rusersd.lm
759 rwalld.lm          := LINKSRC = rpc.rwalld.lm
760 sprayd.lm          := LINKSRC = rpc.sprayd.lm
761 yppasswdd.lm       := LINKSRC = rpc.yppasswdd.lm
762 ypuupdated.lm      := LINKSRC = rpc.ypuupdated.lm

764 restricted_shell.lm := LINKSRC = rsh.lm

766 sa1.lm             := LINKSRC = sar.lm
767 sa2.lm             := LINKSRC = sar.lm
768 sadc.lm            := LINKSRC = sar.lm

770 unshareall.lm     := LINKSRC = shareall.lm

772 ypxfrd.lm         := LINKSRC = ypserv.lm

774 ypstop.lm         := LINKSRC = ypstart.lm

776 ypxfr_1perday.lm  := LINKSRC = ypxfr.lm
777 ypxfr_1perhour.lm := LINKSRC = ypxfr.lm
778 ypxfr_2perday.lm  := LINKSRC = ypxfr.lm

```

new/usr/src/man/man1m/Makefile

13

781 .KEEP_STATE:

783 include \$(SRC)/man/Makefile.man

785 install: \$(ROOTMANFILES) \$(ROOTMANLINKS)

```

*****
5854 Tue Aug 16 20:42:40 2016
new/usr/src/man/man4/Makefile
7293 Sun Secure Shell is neither
*****
1 #
2 # This file and its contents are supplied under the terms of the
3 # Common Development and Distribution License ("CDDL"), version 1.0.
4 # You may only use this file in accordance with the terms of version
5 # 1.0 of the CDDL.
6 #
7 # A full copy of the text of the CDDL should have accompanied this
8 # source. A copy of the CDDL is also available via the Internet
9 # at http://www.illumos.org/license/CDDL.
10 #
11 #
12 #
13 # Copyright 2011, Richard Lowe
14 # Copyright 2013 Nexenta Systems, Inc. All rights reserved.
15 # Copyright 2015, Joyent, Inc.
16 #
17 #
18 include $(SRC)/Makefile.master
19 #
20 MANSECT= 4
21 #
22 _MANFILES= Intro.4 \
23 NISLDAPmapping.4 \
24 a.out.4 \
25 admin.4 \
26 alias.4 \
27 aliases.4 \
28 au.4 \
29 audit.log.4 \
30 audit_class.4 \
31 audit_control.4 \
32 audit_event.4 \
33 audit_user.4 \
34 auth_attr.4 \
35 autofs.4 \
36 bart_manifest.4 \
37 bart_rules.4 \
38 bootparams.4 \
39 cardbus.4 \
40 compver.4 \
41 contents.4 \
42 contract.4 \
43 copyright.4 \
44 core.4 \
45 crypt.conf.4 \
46 crypto_certs.4 \
47 ctf.4 \
48 d_passwd.4 \
49 dacf.conf.4 \
50 dat.conf.4 \
51 default_fs.4 \
52 defaultdomain.4 \
53 defaultrouter.4 \
54 depend.4 \
55 device_allocate.4 \
56 device_contract.4 \
57 device_maps.4 \
58 devices.4 \
59 dfstab.4 \
60 dhcp_inittab.4 \
61 dialups.4

```

```

62 dir_ufs.4 \
63 driver.conf.4 \
64 ds.log.4 \
65 ethers.4 \
66 exec_attr.4 \
67 fdi.4 \
68 format.dat.4 \
69 fspec.4 \
70 fstypes.4 \
71 ftp.4 \
72 ftpusers.4 \
73 fx_dptbl.4 \
74 gateways.4 \
75 group.4 \
76 gsscred.conf.4 \
77 hba.conf.4 \
78 holidays.4 \
79 hosts.4 \
80 hosts_equiv.4 \
81 hosts_access.4 \
82 hosts_options.4 \
83 ib.4 \
84 ike.config.4 \
85 ike.preshared.4 \
86 ipf.4 \
87 ipmon.4 \
88 ipnat.4 \
89 ippool.4 \
90 inet_type.4 \
91 inetd.conf.4 \
92 init.4 \
93 init.d.4 \
94 inittab.4 \
95 ipaddrsel.conf.4 \
96 ipnodes.4 \
97 issue.4 \
98 kadm5.acl.4 \
99 kdc.conf.4 \
100 keytables.4 \
101 krb5.conf.4 \
102 ldapfilter.conf.4 \
103 ldapsearchprefs.conf.4 \
104 ldaptemplates.conf.4 \
105 logadm.conf.4 \
106 logindevperm.4 \
107 loginlog.4 \
108 magic.4 \
109 mailer.conf.4 \
110 md.tab.4 \
111 mddb.cf.4 \
112 mech.4 \
113 meddb.4 \
114 mnnttab.4 \
115 mod_ipp.4 \
116 mpapi.conf.4 \
117 nca.if.4 \
118 ncad_addr.4 \
119 ncakmod.conf.4 \
120 ncalogd.conf.4 \
121 ncaport.conf.4 \
122 ndmp.4 \
123 ndpd.conf.4 \
124 netconfig.4 \
125 netgroup.4 \
126 netid.4 \
127 netmasks.4

```

```

128 netrc.4 \
129 networks.4 \
130 nfs.4 \
131 nfslog.conf.4 \
132 nfssec.conf.4 \
133 nodename.4 \
134 nologin.4 \
135 note.4 \
136 notrouter.4 \
137 nscd.conf.4 \
138 nsmbrc.4 \
139 nss.4 \
140 nsswitch.conf.4 \
141 packingrules.4 \
142 pam.conf.4 \
143 passwd.4 \
144 path_to_inst.4 \
145 pci.4 \
146 phones.4 \
147 pkginfo.4 \
148 pkgmap.4 \
149 policy.conf.4 \
150 power.conf.4 \
151 printers.4 \
152 printers.conf.4 \
153 priv_names.4 \
154 proc.4 \
155 process.4 \
156 prof_attr.4 \
157 profile.4 \
158 project.4 \
159 protocols.4 \
160 prototype.4 \
161 pseudo.4 \
162 publickey.4 \
163 queuedefs.4 \
164 rcmscript.4 \
165 rdc.cf.4 \
166 remote.4 \
167 resolv.conf.4 \
168 rmtab.4 \
169 rpc.4 \
170 rt_dptbl.4 \
171 sasl_apname.conf.4 \
172 scsi.4 \
173 securenets.4 \
174 sel_config.4 \
175 sendmail.4 \
176 service_bundle.4 \
177 service_provider.conf.4 \
178 services.4 \
179 shadow.4 \
180 sharetab.4 \
181 shells.4 \
182 slp.conf.4 \
183 slpd.reg.4 \
184 smb.4 \
185 smbautohome.4 \
186 smhba.conf.4 \
187 sndr.4 \
188 sock2path.d.4 \
189 space.4 \
190 ssh_config.sunssh.4 \
191 sshd_config.sunssh.4 \
190 sulog.4 \
191 syslog.conf.4

```

```

192 system.4 \
193 term.4 \
194 terminfo.4 \
195 timezone.4 \
196 tnf_kernel_probes.4 \
197 ts_dptbl.4 \
198 ttydefs.4 \
199 ttysrch.4 \
200 ufsdump.4 \
201 updaters.4 \
202 user_attr.4 \
203 utmp.4 \
204 utmpx.4 \
205 vfstab.4 \
206 volume-config.4 \
207 volume-request.4 \
208 wanboot.conf.4 \
209 warn.conf.4 \
210 ypfiles.4 \
211 yppasswdd.4 \
212 ypserv.4 \
213 zoneinfo.4

215 sparc_MANFILES= sbus.4

217 i386_MANFILES= sysbus.4

219 _MANLINKS= addresses.4 \
220 devid_cache.4 \
221 devname_cache.4 \
222 dir.4 \
223 dumpdates.4 \
224 fbtabs.4 \
225 forward.4 \
226 fs.4 \
227 hosts.allow.4 \
228 hosts.deny.4 \
229 intro.4 \
230 ipf.conf.4 \
231 ipf6.conf.4 \
232 ipmon.conf.4 \
233 ipnat.conf.4 \
234 ippool.conf.4 \
235 md.cf.4 \
236 mdi_ib_cache.4 \
237 mdi_scsi_vhci_cache.4 \
238 pci_unitaddr_persistent.4 \
239 pcie.4 \
240 qop.4 \
241 rhosts.4 \
242 sendmail.cf.4 \
243 snapshot_cache.4 \
246 ssh_config.4 \
247 sshd_config.4 \
244 submit.cf.4 \
245 volume-defaults.4 \
246 wtmp.4 \
247 wtmpx.4

249 i386_MANLINKS= isa.4

251 MANFILES= $(_MANFILES) $(MACH)_MANFILES)
252 MANLINKS= $(_MANLINKS) $(MACH)_MANLINKS)

254 intro.4 := LINKSRC = Intro.4

```

```
256 addresses.4      := LINKSRC = aliases.4
257 forward.4       := LINKSRC = aliases.4

259 fs.4            := LINKSRC = default_fs.4

261 devid_cache.4   := LINKSRC = devices.4
262 devname_cache.4 := LINKSRC = devices.4
263 mdi_ib_cache.4  := LINKSRC = devices.4
264 mdi_scsi_vhci_cache.4 := LINKSRC = devices.4
265 pci_unitaddr_persistent.4 := LINKSRC = devices.4
266 snapshot_cache.4 := LINKSRC = devices.4

268 dir.4           := LINKSRC = dir_ufs.4

270 rhosts.4        := LINKSRC = hosts.equiv.4

272 hosts.allow.4   := LINKSRC = hosts_access.4
273 hosts.deny.4    := LINKSRC = hosts_access.4

275 ipf.conf.4      := LINKSRC = ipf.4
276 ipf6.conf.4    := LINKSRC = ipf.4

278 ipmon.conf.4    := LINKSRC = ipmon.4

280 ipnat.conf.4    := LINKSRC = ipnat.4

282 ippool.conf.4   := LINKSRC = ippool.4

284 fbtabs.4        := LINKSRC = logindevperm.4

286 md.cf.4         := LINKSRC = md.tab.4

288 qop.4           := LINKSRC = mech.4

290 pcie.4          := LINKSRC = pci.4

292 sendmail.cf.4   := LINKSRC = sendmail.4
293 submit.cf.4     := LINKSRC = sendmail.4

299 ssh_config.4    := LINKSRC = ssh_config.sunssh.4
300 sshd_config.4   := LINKSRC = sshd_config.sunssh.4

296 isa.4          := LINKSRC = sysbus.4

298 dumpdates.4     := LINKSRC = ufsdump.4

300 wtmp.4          := LINKSRC = utmp.4

302 wtmpx.4         := LINKSRC = utmpx.4

304 volume-defaults.4 := LINKSRC = volume-request.4

306 .KEEP_STATE:

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

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

```

*****
55004 Tue Aug 16 20:42:43 2016
new/usr/src/man/man5/filesystem.5
7293 Sun Secure Shell is neither
*****
1  \" te
2  .\" Copyright (c) 2008, Sun Microsystems, Inc. All Rights Reserved.
3  .\" Copyright 1989 AT&T
4  .\" The contents of this file are subject to the terms of the Common Development
5  .\" See the License for the specific language governing permissions and limitat
6  .\" fields enclosed by brackets \"[]\" replaced with your own identifying informat
7  .TH FILESYSTEM 5 \"Aug 26, 2013\"
8  .SH NAME
9  filesystem \- File system organization
10 .SH SYNOPSIS
11 .LP
12 .nf
13 /
14 .fi

16 .LP
17 .nf
18 /usr
19 .fi

21 .SH DESCRIPTION
22 .sp
22 .LP
23 The file system tree is organized for administrative convenience. Distinct
24 areas within the file system tree are provided for files that are private to
25 one machine, files that can be shared by multiple machines of a common
26 platform, files that can be shared by all machines, and home directories. This
27 organization allows sharable files to be stored on one machine but accessed by
28 many machines using a remote file access mechanism such as \fBNFS\fR. Grouping
29 together similar files makes the file system tree easier to upgrade and manage.
30 .sp
31 .LP
32 The file system tree consists of a root file system and a collection of
33 mountable file systems. The \fBmount\fR(2) program attaches mountable file
34 systems to the file system tree at mount points (directory entries) in the root
35 file system or other previously mounted file systems. Two file systems, \fB/\fR
36 (the root) and \fB/usr\fR, must be mounted and \fB/var\fR must be accessible to
37 have a functional system. The root file system is mounted automatically by the
38 kernel at boot time; the \fB/usr\fR file system is mounted by the system
39 start-up script, which is run as part of the booting process. \fB/var\fR can be
40 mounted as its own file system or be part of \fB/usr\fR, as it is by default.
41 .sp
42 .LP
43 Certain locations, noted below, are approved installation locations for bundled
44 Foundation Solaris software. In some cases, the approved locations for bundled
45 software are also approved locations for add-on system software or for
46 applications. The following descriptions make clear where the two locations
47 differ. For example, \fB/etc\fR is the installation location for
48 platform-dependent configuration files that are bundled with Solaris software.
49 The analogous location for applications is \fB/etc/opt/\fR\fipackagename\fR.
50 .sp
51 .LP
52 In the following descriptions, \fIsubsystem\fR is a category of application or
53 system software, such as a window system (\fBdt\fR) or a language
54 (\fBjaval.2\fR)
55 .sp
56 .LP
57 The following descriptions make use of the terms \fBplatform\fR,
58 \fBplatform-dependent\fR, \fBplatform-independent\fR, and
59 \fBplatform-specific\fR. Platform refers to a machines Instruction Set
60 Architecture or processor type, such as is returned by \fBuname\fR \fB-i\fR.

```

```

61 \fBplatform-dependent\fR refers to a file that is installed on all platforms
62 and whose contents vary depending on the platform. Like a platform-dependent
63 file, a \fBplatform-independent\fR file is installed on all platforms. However,
64 the contents of the latter type remains the same on all platforms. An example
65 of a platform-dependent file is compiled, executable program. An example of a
66 platform-independent file is a standard configuration file, such as
67 \fB/etc/hosts\fR. Unlike a platform-dependent or a platform-independent file,
68 the \fBplatform-specific\fR file is installed only on a subset of supported
69 platforms. Most platform-specific files are gathered under \fB/platform\fR and
70 \fB/usr/platform\fR.
71 .sp
72 .LP
73 In the following file or directory descriptions, GNOME stands for GNU Network
74 Object Model Environment. The GNOME Desktop is shipped with the Solaris
75 operating system.
76 .SS \"Root File System\"
77 .LP
78 The root file system contains files that are unique to each machine. It
79 contains the following directories:
80 .sp
81 .ne 2
82 .na
83 \fB/\fB/\fR
84 .ad
85 .sp .6
86 .RS 4n
87 Root of the overall file system name space.
88 .RE

90 .sp
91 .ne 2
92 .na
93 \fB/\fB/dev\fR
94 .ad
95 .sp .6
96 .RS 4n
97 Primary location for special files. Typically, device files are built to match
98 the kernel and hardware configuration of the machine.
99 .RE

101 .sp
102 .ne 2
103 .na
104 \fB/\fB/dev/cfg\fR
105 .ad
106 .sp .6
107 .RS 4n
108 Symbolic links to physical \fBap_ids\fR
109 .RE

111 .sp
112 .ne 2
113 .na
114 \fB/\fB/dev/cpu\fR
115 .ad
116 .sp .6
117 .RS 4n
118 Provides configuration and capability information about the processor type
119 .RE

121 .sp
122 .ne 2
123 .na
124 \fB/\fB/dev/cua\fR
125 .ad

```

new/usr/src/man/man5/filesystem.5

126 .sp .6
127 .RS 4n
128 Device files for \fBuucp\fR.
129 .RE

131 .sp
132 .ne 2
133 .na
134 \fB\fB/dev/dsk\fR\fR
135 .ad
136 .sp .6
137 .RS 4n
138 Block disk devices.
139 .RE

141 .sp
142 .ne 2
143 .na
144 \fB\fB/dev/dtrace\fR\fR
145 .ad
146 .sp .6
147 .RS 4n
148 Pseudo-devices used by the DTrace framework.
149 .RE

151 .sp
152 .ne 2
153 .na
154 \fB\fB/dev/dtrace/provider\fR\fR
155 .ad
156 .sp .6
157 .RS 4n
158 Pseudo-device drivers representing instrumentation providers for the DTrace
159 framework.
160 .RE

162 .sp
163 .ne 2
164 .na
165 \fB\fB/dev/fbs\fR\fR
166 .ad
167 .sp .6
168 .RS 4n
169 Frame buffer device files.
170 .RE

172 .sp
173 .ne 2
174 .na
175 \fB\fB/dev/fd\fR\fR
176 .ad
177 .sp .6
178 .RS 4n
179 File descriptors.
180 .RE

182 .sp
183 .ne 2
184 .na
185 \fB\fB/dev/md\fR\fR
186 .ad
187 .sp .6
188 .RS 4n
189 Logical volume management meta-disk devices.
190 .RE

3

new/usr/src/man/man5/filesystem.5

192 .sp
193 .ne 2
194 .na
195 \fB\fB/dev/net\fR\fR
196 .ad
197 .sp .6
198 .RS 4n
199 Network data-link interface devices.
200 .RE

202 .sp
203 .ne 2
204 .na
205 \fB\fB/dev/printers\fR\fR
206 .ad
207 .sp .6
208 .RS 4n
209 USB printer device files.
210 .RE

212 .sp
213 .ne 2
214 .na
215 \fB\fB/dev/pts\fR\fR
216 .ad
217 .sp .6
218 .RS 4n
219 Pseudo-terminal devices.
220 .RE

222 .sp
223 .ne 2
224 .na
225 \fB\fB/dev/rdisk\fR\fR
226 .ad
227 .sp .6
228 .RS 4n
229 Raw disk devices.
230 .RE

232 .sp
233 .ne 2
234 .na
235 \fB\fB/dev/rmt\fR\fR
236 .ad
237 .sp .6
238 .RS 4n
239 Raw tape devices.
240 .RE

242 .sp
243 .ne 2
244 .na
245 \fB\fB/dev/sad\fR\fR
246 .ad
247 .sp .6
248 .RS 4n
249 Entry points for the \fBSTREAMS\fR Administrative driver.
250 .RE

252 .sp
253 .ne 2
254 .na
255 \fB\fB/dev/sound\fR\fR
256 .ad
257 .sp .6

4

```

258 .RS 4n
259 Audio device and audio device control files.
260 .RE

262 .sp
263 .ne 2
264 .na
265 \fb\fb/dev/swap\fr\fr
266 .ad
267 .sp .6
268 .RS 4n
269 Default swap device.
270 .RE

272 .sp
273 .ne 2
274 .na
275 \fb\fb/dev/term\fr\fr
276 .ad
277 .sp .6
278 .RS 4n
279 Terminal devices.
280 .RE

282 .sp
283 .ne 2
284 .na
285 \fb\fb/devices\fr\fr
286 .ad
287 .sp .6
288 .RS 4n
289 Physical device files.
290 .RE

292 .sp
293 .ne 2
294 .na
295 \fb\fb/etc\fr\fr
296 .ad
297 .sp .6
298 .RS 4n
299 Platform-dependent administrative and configuration files and databases that
300 are not shared among systems. \fb/etc\fr may be viewed as the directory that
301 defines the machine's identity. An approved installation location for bundled
302 Solaris software. The analogous location for add-on system software or for
303 applications is \fb/etc/opt/\fr\frIpackagename\fr.
304 .RE

306 .sp
307 .ne 2
308 .na
309 \fb\fb/etc/X11\fr\fr
310 .ad
311 .sp .6
312 .RS 4n
313 Xorg Xserver (X11) configuration files.
314 .RE

316 .sp
317 .ne 2
318 .na
319 \fb\fb/etc/acct\fr\fr
320 .ad
321 .sp .6
322 .RS 4n
323 Accounting system configuration information.

```

```

324 .RE

326 .sp
327 .ne 2
328 .na
329 \fb\fb/etc/apache\fr\fr
330 .ad
331 .sp .6
332 .RS 4n
333 Apache configuration files.
334 .RE

336 .sp
337 .ne 2
338 .na
339 \fb\fb/etc/apoc\fr\fr
340 .ad
341 .sp .6
342 .RS 4n
343 Files for configuring Sun Java Desktop System Configuration Manager remote
344 access.
345 .RE

347 .sp
348 .ne 2
349 .na
350 \fb\fb/etc/bonobo-activation\fr\fr
351 .ad
352 .sp .6
353 .RS 4n
354 GNOME XML configuration file for identifying CORBA servers.
355 .RE

357 .sp
358 .ne 2
359 .na
360 \fb\fb/etc/cron.d\fr\fr
361 .ad
362 .sp .6
363 .RS 4n
364 Configuration information for \fbcron\fr(1M).
365 .RE

367 .sp
368 .ne 2
369 .na
370 \fb\fb/etc/dat\fr\fr
371 .ad
372 .sp .6
373 .RS 4n
374 Contains a list of interface adapters supported by uDAPL service providers.
375 .RE

377 .sp
378 .ne 2
379 .na
380 \fb\fb/etc/default\fr\fr
381 .ad
382 .sp .6
383 .RS 4n
384 Defaults information for various programs.
385 .RE

387 .sp
388 .ne 2
389 .na

```



```

390 \fB\fB/etc/devices\fR\fR
391 .ad
392 .sp .6
393 .RS 4n
394 Contains device-related data.
395 .RE

397 .sp
398 .ne 2
399 .na
400 \fB\fB/etc/dfs\fR\fR
401 .ad
402 .sp .6
403 .RS 4n
404 Configuration information for shared file systems.
405 .RE

407 .sp
408 .ne 2
409 .na
410 \fB\fB/etc/dhcup\fR\fR
411 .ad
412 .sp .6
413 .RS 4n
414 Dynamic Host Configuration Protocol (\fBDHCP\fR) configuration files.
415 .RE

417 .sp
418 .ne 2
419 .na
420 \fB\fB/etc/dmi\fR\fR
421 .ad
422 .sp .6
423 .RS 4n
424 Solstice Enterprise Agents configuration files.
425 .RE

427 .sp
428 .ne 2
429 .na
430 \fB\fB/etc/dt\fR\fR
431 .ad
432 .sp .6
433 .RS 4n
434 Desktop configuration files.
435 .RE

437 .sp
438 .ne 2
439 .na
440 \fB\fB/etc/flash\fR\fR
441 .ad
442 .sp .6
443 .RS 4n
444 Solaris Flash Archive configuration files.
445 .RE

447 .sp
448 .ne 2
449 .na
450 \fB\fB/etc/fm\fR\fR
451 .ad
452 .sp .6
453 .RS 4n
454 Fault manager configuration files. For more information, see \fBfmd\fR(1M).
455 .RE

```

```

457 .sp
458 .ne 2
459 .na
460 \fB\fB/etc/fonts\fR\fR
461 .ad
462 .sp .6
463 .RS 4n
464 Font configuration information.
465 .RE

467 .sp
468 .ne 2
469 .na
470 \fB\fB/etc/fs\fR\fR
471 .ad
472 .sp .6
473 .RS 4n
474 Binaries organized by file system types for operations required before
475 \fB/usr\fR is mounted.
476 .RE

478 .sp
479 .ne 2
480 .na
481 \fB\fB/etc/ftpd\fR\fR
482 .ad
483 .sp .6
484 .RS 4n
485 \fBftpd\fR configuration files.
486 .RE

488 .sp
489 .ne 2
490 .na
491 \fB\fB/etc/gconf\fR\fR
492 .ad
493 .sp .6
494 .RS 4n
495 GConf system configuration (including system defaults and system mandatory
496 settings)
497 .RE

499 .sp
500 .ne 2
501 .na
502 \fB\fB/etc/gimp\fR\fR
503 .ad
504 .sp .6
505 .RS 4n
506 GNU Image Manipulation Program (GIMP) configuration files.
507 .RE

509 .sp
510 .ne 2
511 .na
512 \fB\fB/etc/gnome\fR\fR
513 .ad
514 .sp .6
515 .RS 4n
516 GNOME Desktop configuration files.
517 .RE

519 .sp
520 .ne 2
521 .na

```

```

522 \fB\fB/etc/gnome-vfs-2.0\fR\fR
523 .ad
524 .sp .6
525 .RS 4n
526 Files for customizing GNOME 2.0 desktop menus.
527 .RE

529 .sp
530 .ne 2
531 .na
532 \fB\fB/etc/gnopernicus-1.0\fR\fR
533 .ad
534 .sp .6
535 .RS 4n
536 Configuration files for GNOME's Gnopernicus, an Assistive Technology (AT)
537 screen reader.
538 .RE

540 .sp
541 .ne 2
542 .na
543 \fB\fB/etc/gss\fR\fR
544 .ad
545 .sp .6
546 .RS 4n
547 Generic Security Service (\fBGSS\fR) Application Program Interface
548 configuration files.
549 .RE

551 .sp
552 .ne 2
553 .na
554 \fB\fB/etc/gtk\fR\fR
555 .ad
556 .sp .6
557 .RS 4n
558 GTK+ configuration files
559 .RE

561 .sp
562 .ne 2
563 .na
564 \fB\fB/etc/gtk-2.0\fR\fR
565 .ad
566 .sp .6
567 .RS 4n
568 GTK+ Pixbuf loaders and Input Method modules
569 .RE

571 .sp
572 .ne 2
573 .na
574 \fB\fB/etc/imq\fR\fR
575 .ad
576 .sp .6
577 .RS 4n
578 Sun Java System Message Queue security configuration files.
579 .RE

581 .sp
582 .ne 2
583 .na
584 \fB\fB/etc/inet\fR\fR
585 .ad
586 .sp .6
587 .RS 4n

```

```

588 Configuration files for Internet services.
589 .RE

591 .sp
592 .ne 2
593 .na
594 \fB\fB/etc/init.d\fR\fR
595 .ad
596 .sp .6
597 .RS 4n
598 Shell scripts for transitioning between run levels.
599 .RE

601 .sp
602 .ne 2
603 .na
604 \fB\fB/etc/krb5\fR\fR
605 .ad
606 .sp .6
607 .RS 4n
608 Kerberos configuration files.
609 .RE

611 .sp
612 .ne 2
613 .na
614 \fB\fB/etc/lib\fR\fR
615 .ad
616 .sp .6
617 .RS 4n
618 Shared libraries needed during booting.
619 .RE

621 .sp
622 .ne 2
623 .na
624 \fB\fB/etc/llc2\fR\fR
625 .ad
626 .sp .6
627 .RS 4n
628 Logical link control (\fBllc2\fR) driver configuration files.
629 .RE

631 .sp
632 .ne 2
633 .na
634 \fB\fB/etc/lp\fR\fR
635 .ad
636 .sp .6
637 .RS 4n
638 Configuration information for the printer subsystem.
639 .RE

641 .sp
642 .ne 2
643 .na
644 \fB\fB/etc/lvm\fR\fR
645 .ad
646 .sp .6
647 .RS 4n
648 Solaris Logical Volume Manager configuration files.
649 .RE

651 .sp
652 .ne 2
653 .na

```

```

654 \fb\fb/etc/mail\fr\fr
655 .ad
656 .sp .6
657 .RS 4n
658 Mail subsystem configuration.
659 .RE

661 .sp
662 .ne 2
663 .na
664 \fb\fb/etc/nca\fr\fr
665 .ad
666 .sp .6
667 .RS 4n
668 Solaris Network Cache and Accelerator (\fBNCA\fr) configuration files.
669 .RE

671 .sp
672 .ne 2
673 .na
674 \fb\fb/etc/net\fr\fr
675 .ad
676 .sp .6
677 .RS 4n
678 Configuration information for transport independent network services.
679 .RE

681 .sp
682 .ne 2
683 .na
684 \fb\fb/etc/nfs\fr\fr
685 .ad
686 .sp .6
687 .RS 4n
688 NFS server logging configuration file.
689 .RE

691 .sp
692 .ne 2
693 .na
694 \fb\fb/etc/opt\fr\fr
695 .ad
696 .sp .6
697 .RS 4n
698 Configuration information for optional packages.
699 .RE

701 .sp
702 .ne 2
703 .na
704 \fb\fb/etc/pango\fr\fr
705 .ad
706 .sp .6
707 .RS 4n
708 Pango configuration and module information.
709 .RE

711 .sp
712 .ne 2
713 .na
714 \fb\fb/etc/patch\fr\fr
715 .ad
716 .sp .6
717 .RS 4n
718 Configuration files for patch management.
719 .RE

```

```

721 .sp
722 .ne 2
723 .na
724 \fb\fb/etc/ppp\fr\fr
725 .ad
726 .sp .6
727 .RS 4n
728 Solaris \fBPPP\fr configuration files.
729 .RE

731 .sp
732 .ne 2
733 .na
734 \fb\fb/etc/rc0.d\fr\fr
735 .ad
736 .sp .6
737 .RS 4n
738 Scripts for entering or leaving run level 0. See \fbinit\fr(1M).
739 .RE

741 .sp
742 .ne 2
743 .na
744 \fb\fb/etc/rc1.d\fr\fr
745 .ad
746 .sp .6
747 .RS 4n
748 Scripts for entering or leaving run level 1. See \fbinit\fr(1M).
749 .RE

751 .sp
752 .ne 2
753 .na
754 \fb\fb/etc/rc2.d\fr\fr
755 .ad
756 .sp .6
757 .RS 4n
758 Scripts for entering or leaving run level 2. See \fbinit\fr(1M).
759 .RE

761 .sp
762 .ne 2
763 .na
764 \fb\fb/etc/rc3.d\fr\fr
765 .ad
766 .sp .6
767 .RS 4n
768 Scripts for entering or leaving run level 3. See \fbinit\fr(1M).
769 .RE

771 .sp
772 .ne 2
773 .na
774 \fb\fb/etc/rcS.d\fr\fr
775 .ad
776 .sp .6
777 .RS 4n
778 Scripts for bringing the system up in single user mode.
779 .RE

781 .sp
782 .ne 2
783 .na
784 \fb\fb/etc/rcm\fr\fr
785 .ad

```

```

786 .sp .6
787 .RS 4n
788 Directory for reconfiguration manager (RCM) custom scripts.
789 .RE

791 .sp
792 .ne 2
793 .na
794 \fB\fB/etc/rpcsec\fR\fR
795 .ad
796 .sp .6
797 .RS 4n
798 This directory might contain an \fB\BNIS+\fR authentication configuration file.
799 .RE

801 .sp
802 .ne 2
803 .na
804 \fB\fB/etc/saf\fR\fR
805 .ad
806 .sp .6
807 .RS 4n
808 Service Access Facility files.
809 .RE

811 .sp
812 .ne 2
813 .na
814 \fB\fB/etc/sasl\fR\fR
815 .ad
816 .sp .6
817 .RS 4n
818 Simple Authentication and Security Layer (SASL) server configuration files.
819 .RE

821 .sp
822 .ne 2
823 .na
824 \fB\fB/etc/security\fR\fR
825 .ad
826 .sp .6
827 .RS 4n
828 Solaris-delivered security configuration files (Audit, RBAC, crypto, Trusted
829 Extensions).
830 .RE

832 .sp
833 .ne 2
834 .na
835 \fB\fB/etc/sfw\fR\fR
836 .ad
837 .sp .6
838 .RS 4n
839 Platform-dependent administrative, configuration files and databases for
840 subsystems from \fB\usr/sw\fR that are not shared among systems.
841 .RE

843 .sp
844 .ne 2
845 .na
846 \fB\fB/etc/sfw/samba\fR\fR
847 .ad
848 .sp .6
849 .RS 4n
850 Samba configuration files.
851 .RE

```

```

853 .sp
854 .ne 2
855 .na
856 \fB\fB/etc/skel\fR\fR
857 .ad
858 .sp .6
859 .RS 4n
860 Default profile scripts for new user accounts. See \fB\Buseradd\fR(1M).
861 .RE

863 .sp
864 .ne 2
865 .na
866 \fB\fB/etc/sma\fR\fR
867 .ad
868 .sp .6
869 .RS 4n
870 Systems Management Agent (SMA) configuration files.
871 .RE

873 .sp
874 .ne 2
875 .na
876 \fB\fB/etc/smartcard\fR\fR
877 .ad
878 .sp .6
879 .RS 4n
880 Solaris Smart Card configuration files.
881 .RE

883 .sp
884 .ne 2
885 .na
886 \fB\fB/etc/snmp\fR\fR
887 .ad
888 .sp .6
889 .RS 4n
890 Solstice Enterprise Agents configuration files.
891 .RE

893 .sp
894 .ne 2
895 .na
896 \fB\fB/etc/sound\fR\fR
897 .ad
898 .sp .6
899 .RS 4n
900 Sound Events configuration files.
901 .RE

903 .sp
904 .ne 2
905 .na
906 \fB\fB/etc/ssh\fR\fR
907 .ad
908 .sp .6
909 .RS 4n
910 Secure Shell configuration files. See \fB\Bssh\fR(1)
911 .RE

913 .sp
914 .ne 2
915 .na
916 \fB\fB/etc/svc\fR\fR
917 .ad

```

```

918 .sp .6
919 .RS 4n
920 SMF service repository.
921 .RE

923 .sp
924 .ne 2
925 .na
926 \fB\fB/etc/sysevent\fR\fR
927 .ad
928 .sp .6
929 .RS 4n
930 \fBsysseventd\fR configuration files.
931 .RE

933 .sp
934 .ne 2
935 .na
936 \fB\fB/etc/\fIsubsystem\fR\fR
937 .ad
938 .sp .6
939 .RS 4n
940 Platform-dependent \fIsubsystem\fR configuration files that are not shared
941 among systems. An approved installation location for bundled Solaris software.
942 The analogous location for add-on system software or for applications is
943 \fB/etc/opt/\fR\fIpackage\fR.
944 .RE

946 .sp
947 .ne 2
948 .na
949 \fB\fB/etc/tm\fR\fR
950 .ad
951 .sp .6
952 .RS 4n
953 Trademark files; contents displayed at boot time.
954 .RE

956 .sp
957 .ne 2
958 .na
959 \fB\fB/etc/usb\fR\fR
960 .ad
961 .sp .6
962 .RS 4n
963 \fBUSB\fR configuration information.
964 .RE

966 .sp
967 .ne 2
968 .na
969 \fB\fB/etc/uucp\fR\fR
970 .ad
971 .sp .6
972 .RS 4n
973 \fBUUCP\fR configuration information. See \fBUucp\fR(1C).
974 .RE

976 .sp
977 .ne 2
978 .na
979 \fB\fB/etc/xml\fR\fR
980 .ad
981 .sp .6
982 .RS 4n
983 Extensible Markup Language (XML) catalog.

```

```

984 .RE

986 .sp
987 .ne 2
988 .na
989 \fB\fB/etc/zones\fR\fR
990 .ad
991 .sp .6
992 .RS 4n
993 Solaris Zones configuration files.
994 .RE

996 .sp
997 .ne 2
998 .na
999 \fB\fB/export\fR\fR
1000 .ad
1001 .sp .6
1002 .RS 4n
1003 Default root of the shared file system tree.
1004 .RE

1006 .sp
1007 .ne 2
1008 .na
1009 \fB\fB/home\fR\fR
1010 .ad
1011 .sp .6
1012 .RS 4n
1013 Default root of a subtree for user directories.
1014 .RE

1016 .sp
1017 .ne 2
1018 .na
1019 \fB\fB/kernel\fR\fR
1020 .ad
1021 .sp .6
1022 .RS 4n
1023 Subtree of platform-dependent loadable kernel modules required as part of the
1024 boot process. It includes the generic part of the core kernel that is
1025 platform-independent, \fB/kernel/genunix\fR. See \fBkernel\fR(1M) An approved
1026 installation location for bundled Solaris software and for add-on system
1027 software.
1028 .RE

1030 .sp
1031 .ne 2
1032 .na
1033 \fB\fB/kernel/drv\fR\fR
1034 .ad
1035 .sp .6
1036 .RS 4n
1037 32-bit x86 device drivers.
1038 .RE

1040 .sp
1041 .ne 2
1042 .na
1043 \fB\fB/kernel/drv/sparcv9\fR\fR
1044 .ad
1045 .sp .6
1046 .RS 4n
1047 64-bit \fBSPARC\fR device drivers.
1048 .RE

```

```

1050 .sp
1051 .ne 2
1052 .na
1053 \fB\fB/kernel/drv/amd64\fR\fR
1054 .ad
1055 .sp .6
1056 .RS 4n
1057 64-bit device drivers for 64-bit x86 platforms.
1058 .RE

1060 .sp
1061 .ne 2
1062 .na
1063 \fB\fB/kernel/dtrace\fR\fR
1064 .ad
1065 .sp .6
1066 .RS 4n
1067 Kernel modules representing components in the DTrace framework.
1068 .RE

1070 .sp
1071 .ne 2
1072 .na
1073 \fB\fB/kernel/genunix\fR\fR
1074 .ad
1075 .sp .6
1076 .RS 4n
1077 Platform-independent kernel.
1078 .RE

1080 .sp
1081 .ne 2
1082 .na
1083 \fB\fB/kernel/amd64/genunix\fR\fR
1084 .ad
1085 .sp .6
1086 .RS 4n
1087 64-bit, platform-independent kernel.
1088 .RE

1090 .sp
1091 .ne 2
1092 .na
1093 \fB\fB/kernel/\fI subsystem\fR/amd64\fR\fR
1094 .ad
1095 .sp .6
1096 .RS 4n
1097 64-bit x86 platform-dependent modules required for boot. An approved
1098 installation location for bundled Solaris software and for add-on system
1099 software.
1100 .RE

1102 .sp
1103 .ne 2
1104 .na
1105 \fB\fB/kernel/\fI subsystem\fR/sparcv9\fR\fR
1106 .ad
1107 .sp .6
1108 .RS 4n
1109 64-bit \fBSPARC\fR platform-dependent modules required for boot. An approved
1110 installation location for bundled Solaris software and for add-on system
1111 software.
1112 .RE

1114 .sp
1115 .ne 2

```

```

1116 .na
1117 \fB\fB/lib/svc/manifest\fR\fR
1118 .ad
1119 .sp .6
1120 .RS 4n
1121 SMF method scripts. An approved installation location for bundled Solaris
1122 software. The analogous location for add-on system software or for applications
1123 is \fB/opt/package\lib/svc/manifest\fR.
1124 .RE

1126 .sp
1127 .ne 2
1128 .na
1129 \fB\fB/mnt\fR\fR
1130 .ad
1131 .sp .6
1132 .RS 4n
1133 Default temporary mount point for file systems. This is an empty directory on
1134 which file systems can be temporarily mounted.
1135 .RE

1137 .sp
1138 .ne 2
1139 .na
1140 \fB\fB/net\fR\fR
1141 .ad
1142 .sp .6
1143 .RS 4n
1144 Temporary mount point for file systems that are mounted by the automounter.
1145 .RE

1147 .sp
1148 .ne 2
1149 .na
1150 \fB\fB/opt\fR\fR
1151 .ad
1152 .sp .6
1153 .RS 4n
1154 Root of a subtree for add-on application packages.
1155 .RE

1157 .sp
1158 .ne 2
1159 .na
1160 \fB\fB/platform\fR\fR
1161 .ad
1162 .sp .6
1163 .RS 4n
1164 Subtree of platform-specific objects which need to reside on the root
1165 filesystem. It contains a series of directories, one per supported platform.
1166 The semantics of the series of directories is equivalent to \fB/\fR (root).
1167 .RE

1169 .sp
1170 .ne 2
1171 .na
1172 \fB\fB/platform/\fR\fB'\fR\fBuname\fR \fB-i\fR\fB'\fR\fB/kernel\fR\fR
1173 .ad
1174 .sp .6
1175 .RS 4n
1176 Platform-specific modules required for boot. These modules have semantics
1177 equivalent to \fB/kernel\fR. It includes the file \fBUnix\fR, the core kernel.
1178 See \fBkernel\fR(LM). An approved installation location for bundled Solaris
1179 software and for add-on system software.
1180 .RE

```

```

1182 .sp
1183 .ne 2
1184 .na
1185 \fB\fB/platform/\fR\fB'\fR\fBuname\fR \fB-m\fR\fB\fR'\fR\fB/kernel\fR'\fR
1186 .ad
1187 .sp .6
1188 .RS 4n
1189 Hardware class-specific modules required for boot. An approved installation
1190 location for bundled Solaris software and for add-on system software.
1191 .RE

1193 .sp
1194 .ne 2
1195 .na
1196 \fB\fB/platform/\fR\fB'\fR\fBuname\fR
1197 \fB-i\fR\fB\fR'\fR\fB/kernel/\fR\fB/Isystem\fR/amd64\fR'\fR
1198 .ad
1199 .sp .6
1200 .RS 4n
1201 x86 64-bit, platform-dependent modules required for boot. This is an approved
1202 installation location for bundled Solaris software.
1203 .RE

1205 .sp
1206 .ne 2
1207 .na
1208 \fB\fB/platform/\fR\fB'\fR\fBuname\fR
1209 \fB-i\fR\fB\fR'\fR\fB/kernel/\fR\fB/Isystem\fR/sparcv9\fR'\fR
1210 .ad
1211 .sp .6
1212 .RS 4n
1213 \fBSPARC\fR 64-bit platform-specific modules required for boot. An approved
1214 installation location for bundled Solaris software.
1215 .RE

1217 .sp
1218 .ne 2
1219 .na
1220 \fB\fB/platform/\fR\fB'\fR\fBuname\fR
1221 \fB-i\fR\fB\fR'\fR\fB/kernel/sparcv9/unix\fR'\fR
1222 .ad
1223 .sp .6
1224 .RS 4n
1225 64-bit platform-dependent kernel.
1226 .RE

1228 .sp
1229 .ne 2
1230 .na
1231 \fB\fB/platform/\fR\fB'\fR\fBuname\fR
1232 \fB-i\fR\fB\fR'\fR\fB/kernel/unix\fR'\fR
1233 .ad
1234 .sp .6
1235 .RS 4n
1236 32-bit platform-dependent kernel on i86 and a symlink to \fBsparcv9/unix\fR on
1237 SPARC.
1238 .RE

1240 .sp
1241 .ne 2
1242 .na
1243 \fB\fB/platform/\fR\fB'\fR\fBuname\fR \fB-i\fR\fB\fR'\fR\fB/lib\fR'\fR
1244 .ad
1245 .sp .6
1246 .RS 4n
1247 Platform-specific shared objects required for boot. Semantics are equivalent to

```

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1248 \fB/lib\fR. An approved installation location for bundled Solaris software and
1249 for add-on system software.
1250 .RE

1252 .sp
1253 .ne 2
1254 .na
1255 \fB\fB/platform/\fR\fB'\fR\fBuname\fR \fB-i\fR\fB\fR'\fR\fB/sbin\fR'\fR
1256 .ad
1257 .sp .6
1258 .RS 4n
1259 Platform-specific administrative utilities required for boot. Semantics are
1260 equivalent to \fB/sbin\fR. An approved installation location for bundled
1261 Solaris software and for add-on system software.
1262 .RE

1264 .sp
1265 .ne 2
1266 .na
1267 \fB\fB/proc\fR'\fR
1268 .ad
1269 .sp .6
1270 .RS 4n
1271 Root of a subtree for the process file system.
1272 .RE

1274 .sp
1275 .ne 2
1276 .na
1277 \fB\fB/sbin\fR'\fR
1278 .ad
1279 .sp .6
1280 .RS 4n
1281 Essential executables used in the booting process and in manual system
1282 recovery. The full complement of utilities is available only after \fB/usr\fR
1283 is mounted. \fB/sbin\fR is an approved installation location for bundled
1284 Solaris software.
1285 .RE

1287 .sp
1288 .ne 2
1289 .na
1290 \fB\fB/system\fR'\fR
1291 .ad
1292 .sp .6
1293 .RS 4n
1294 Mount point for the contract (CTFS) and object (OBJFS) file systems.
1295 .RE

1297 .sp
1298 .ne 2
1299 .na
1300 \fB\fB/tmp\fR'\fR
1301 .ad
1302 .sp .6
1303 .RS 4n
1304 Temporary files; cleared during the boot operation.
1305 .RE

1307 .sp
1308 .ne 2
1309 .na
1310 \fB\fB/usr\fR'\fR
1311 .ad
1312 .sp .6
1313 .RS 4n

```

1314 Mount point for the \fb\usr\fr file system. See description of \fb\usr\fr file
 1315 system, below.
 1316 .RE

1318 .sp
 1319 .ne 2
 1320 .na
 1321 \fb\fb\var\fr\fr
 1322 .ad
 1323 .sp .6
 1324 .RS 4n
 1325 Root of a subtree for varying files. Varying files are files that are unique to
 1326 a machine but that can grow to an arbitrary (that is, variable) size. An
 1327 example is a log file. An approved installation location for bundled Solaris
 1328 software. The analogous location for add-on system software or for applications
 1329 is \fb\var/opt\fr\fr\package\fr.
 1330 .RE

1332 .sp
 1333 .ne 2
 1334 .na
 1335 \fb\fb\var\adm\fr\fr
 1336 .ad
 1337 .sp .6
 1338 .RS 4n
 1339 System logging and accounting files.
 1340 .RE

1342 .sp
 1343 .ne 2
 1344 .na
 1345 \fb\fb\var\apache\fr\fr
 1346 .ad
 1347 .sp .6
 1348 .RS 4n
 1349 Scripts, icons, logs, and cache pages for Apache web server.
 1350 .RE

1352 .sp
 1353 .ne 2
 1354 .na
 1355 \fb\fb\var\appserver\fr\fr
 1356 .ad
 1357 .sp .6
 1358 .RS 4n
 1359 Sun Java System Application Server administrative domain files.
 1360 .RE

1362 .sp
 1363 .ne 2
 1364 .na
 1365 \fb\fb\var\audit\fr\fr
 1366 .ad
 1367 .sp .6
 1368 .RS 4n
 1369 Default location for Solaris Audit log files.
 1370 .RE

1372 .sp
 1373 .ne 2
 1374 .na
 1375 \fb\fb\var\cores\fr\fr
 1376 .ad
 1377 .sp .6
 1378 .RS 4n
 1379 Directory provided for global core files storage.

1380 .RE

1382 .sp
 1383 .ne 2
 1384 .na
 1385 \fb\fb\var\crash\fr\fr
 1386 .ad
 1387 .sp .6
 1388 .RS 4n
 1389 Default depository for kernel crash dumps.
 1390 .RE

1392 .sp
 1393 .ne 2
 1394 .na
 1395 \fb\fb\var\cron\fr\fr
 1396 .ad
 1397 .sp .6
 1398 .RS 4n
 1399 Log files for \fb\cron\fr(1M).
 1400 .RE

1402 .sp
 1403 .ne 2
 1404 .na
 1405 \fb\fb\var\dmide\fr\fr
 1406 .ad
 1407 .sp .6
 1408 .RS 4n
 1409 Solstice Enterprise Agents (\fb\SEA\fr) Desktop Management Interface (\fb\DMI\fr)
 1410 run-time components.
 1411 .RE

1413 .sp
 1414 .ne 2
 1415 .na
 1416 \fb\fb\var\dt\fr\fr
 1417 .ad
 1418 .sp .6
 1419 .RS 4n
 1420 \fb\dtlogin\fr configuration files.
 1421 .RE

1423 .sp
 1424 .ne 2
 1425 .na
 1426 \fb\fb\var\fm\fr\fr
 1427 .ad
 1428 .sp .6
 1429 .RS 4n
 1430 Fault manager state files. For more information, see \fb\fm\fr(1M).
 1431 .RE

1433 .sp
 1434 .ne 2
 1435 .na
 1436 \fb\fb\var\img\fr\fr
 1437 .ad
 1438 .sp .6
 1439 .RS 4n
 1440 Message queue broker instance configuration file.
 1441 .RE

1443 .sp
 1444 .ne 2
 1445 .na


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1446 \fB\fB/var/ftp\fR\fR
1447 .ad
1448 .sp .6
1449 .RS 4n
1450 \fBFTP\fR server directory.
1451 .RE

1453 .sp
1454 .ne 2
1455 .na
1456 \fB\fB/var/inet\fR\fR
1457 .ad
1458 .sp .6
1459 .RS 4n
1460 IPv6 router state files.
1461 .RE

1463 .sp
1464 .ne 2
1465 .na
1466 \fB\fB/var/krb5\fR\fR
1467 .ad
1468 .sp .6
1469 .RS 4n
1470 Database and log files for Kerberos.
1471 .RE

1473 .sp
1474 .ne 2
1475 .na
1476 \fB\fB/var/ld\fR\fR
1477 .ad
1478 .sp .6
1479 .RS 4n
1480 Configuration files for runtime linker.
1481 .RE

1483 .sp
1484 .ne 2
1485 .na
1486 \fB\fB/var/ldap\fR\fR
1487 .ad
1488 .sp .6
1489 .RS 4n
1490 LDAP client configuration files.
1491 .RE

1493 .sp
1494 .ne 2
1495 .na
1496 \fB\fB/var/lib\fR\fR
1497 .ad
1498 .sp .6
1499 .RS 4n
1500 Directory for variable state information.
1501 .RE

1503 .sp
1504 .ne 2
1505 .na
1506 \fB\fB/var/log\fR\fR
1507 .ad
1508 .sp .6
1509 .RS 4n
1510 System log files.
1511 .RE

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1513 .sp
1514 .ne 2
1515 .na
1516 \fB\fB/var/lp\fR\fR
1517 .ad
1518 .sp .6
1519 .RS 4n
1520 Line printer subsystem logging information.
1521 .RE

1523 .sp
1524 .ne 2
1525 .na
1526 \fB\fB/var/mail\fR\fR
1527 .ad
1528 .sp .6
1529 .RS 4n
1530 Directory where users' mail is kept.
1531 .RE

1533 .sp
1534 .ne 2
1535 .na
1536 \fB\fB/var/mysql\fR\fR
1537 .ad
1538 .sp .6
1539 .RS 4n
1540 Dynamic database directory for MySQL Database Management System.
1541 .RE

1543 .sp
1544 .ne 2
1545 .na
1546 \fB\fB/var/news\fR\fR
1547 .ad
1548 .sp .6
1549 .RS 4n
1550 Community service messages. This is not the same as USENET-style news.
1551 .RE

1553 .sp
1554 .ne 2
1555 .na
1556 \fB\fB/var/nfs\fR\fR
1557 .ad
1558 .sp .6
1559 .RS 4n
1560 NFS server log files.
1561 .RE

1563 .sp
1564 .ne 2
1565 .na
1566 \fB\fB/var/nis\fR\fR
1567 .ad
1568 .sp .6
1569 .RS 4n
1570 NIS+ databases.
1571 .RE

1573 .sp
1574 .ne 2
1575 .na
1576 \fB\fB/var/ntp\fR\fR
1577 .ad

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1578 .sp .6
1579 .RS 4n
1580 Network Time Protocol (\fBNTTP\fR) server state directory.
1581 .RE

1583 .sp
1584 .ne 2
1585 .na
1586 \fB\fB/var/opt\fR\fR
1587 .ad
1588 .sp .6
1589 .RS 4n
1590 Root of a subtree for varying files associated with optional software packages.
1591 An approved installation location for add-on system software and applications.
1592 .RE

1594 .sp
1595 .ne 2
1596 .na
1597 \fB\fB/var/patchsrv\fR\fR
1598 .ad
1599 .sp .6
1600 .RS 4n
1601 Patch management log files.
1602 .RE

1604 .sp
1605 .ne 2
1606 .na
1607 \fB\fB/var/preserve\fR\fR
1608 .ad
1609 .sp .6
1610 .RS 4n
1611 Backup files for \fBvi\fR(1) and \fBex\fR(1).
1612 .RE

1614 .sp
1615 .ne 2
1616 .na
1617 \fB\fB/var/run\fR\fR
1618 .ad
1619 .sp .6
1620 .RS 4n
1621 Temporary files which are not needed across reboots. Only root may modify the
1622 contents of this directory.
1623 .RE

1625 .sp
1626 .ne 2
1627 .na
1628 \fB\fB/var/sadm\fR\fR
1629 .ad
1630 .sp .6
1631 .RS 4n
1632 Databases maintained by the software package management utilities.
1633 .RE

1635 .sp
1636 .ne 2
1637 .na
1638 \fB\fB/var/sadm/system/logs\fR\fR
1639 .ad
1640 .sp .6
1641 .RS 4n
1642 Status log files produced by software management functions and/or applications.
1643 For example, log files produced for product installation. An approved

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1644 installation location for bundled Solaris software and for add-on system
1645 software and applications.
1646 .RE

1648 .sp
1649 .ne 2
1650 .na
1651 \fB\fB/var/saf\fR\fR
1652 .ad
1653 .sp .6
1654 .RS 4n
1655 Service access facility logging and accounting files.
1656 .RE

1658 .sp
1659 .ne 2
1660 .na
1661 \fB\fB/var/samba\fR\fR
1662 .ad
1663 .sp .6
1664 .RS 4n
1665 Log and lock files for Samba.
1666 .RE

1668 .sp
1669 .ne 2
1670 .na
1671 \fB\fB/var/sma_snmp\fR\fR
1672 .ad
1673 .sp .6
1674 .RS 4n
1675 Systems Management Agent (SMA) security and MIB component information.
1676 .RE

1678 .sp
1679 .ne 2
1680 .na
1681 \fB\fB/var/snmp\fR\fR
1682 .ad
1683 .sp .6
1684 .RS 4n
1685 SNMP status and configuration information.
1686 .RE

1688 .sp
1689 .ne 2
1690 .na
1691 \fB\fB/var/spool\fR\fR
1692 .ad
1693 .sp .6
1694 .RS 4n
1695 Contains directories for files used in printer spooling, mail delivery,
1696 \fBbcron\fR(1M), \fBbat\fR(1), and so forth.
1697 .RE

1699 .sp
1700 .ne 2
1701 .na
1702 \fB\fB/var/spool/clientmqueue\fR\fR
1703 .ad
1704 .sp .6
1705 .RS 4n
1706 \fBsendmail\fR(1M) client files.
1707 .RE

1709 .sp

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1710 .ne 2
1711 .na
1712 \fB\fB/var/spool/cron\fR\fR
1713 .ad
1714 .sp .6
1715 .RS 4n
1716 \fBcron\fR(1M) and \fBat\fR(1) spooling files.
1717 .RE

1719 .sp
1720 .ne 2
1721 .na
1722 \fB\fB/var/spool/locks\fR\fR
1723 .ad
1724 .sp .6
1725 .RS 4n
1726 Spooling lock files.
1727 .RE

1729 .sp
1730 .ne 2
1731 .na
1732 \fB\fB/var/spool/lp\fR\fR
1733 .ad
1734 .sp .6
1735 .RS 4n
1736 Line printer spool files. See \fBlp\fR(1).
1737 .RE

1739 .sp
1740 .ne 2
1741 .na
1742 \fB\fB/var/spool/mqueue\fR\fR
1743 .ad
1744 .sp .6
1745 .RS 4n
1746 Mail queued for delivery.
1747 .RE

1749 .sp
1750 .ne 2
1751 .na
1752 \fB\fB/var/spool/pkg\fR\fR
1753 .ad
1754 .sp .6
1755 .RS 4n
1756 Spooled packages.
1757 .RE

1759 .sp
1760 .ne 2
1761 .na
1762 \fB\fB/var/spool/print\fR\fR
1763 .ad
1764 .sp .6
1765 .RS 4n
1766 LP print service client-side request staging area.
1767 .RE

1769 .sp
1770 .ne 2
1771 .na
1772 \fB\fB/var/spool/samba\fR\fR
1773 .ad
1774 .sp .6
1775 .RS 4n

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1776 Samba print queue.
1777 .RE

1779 .sp
1780 .ne 2
1781 .na
1782 \fB\fB/var/spool/uucp\fR\fR
1783 .ad
1784 .sp .6
1785 .RS 4n
1786 Queued \fBuucp\fR(1C) jobs.
1787 .RE

1789 .sp
1790 .ne 2
1791 .na
1792 \fB\fB/var/spool/uucppublic\fR\fR
1793 .ad
1794 .sp .6
1795 .RS 4n
1796 Files deposited by \fBuucp\fR(1C).
1797 .RE

1799 .sp
1800 .ne 2
1801 .na
1802 \fB\fB/var/statmon\fR\fR
1803 .ad
1804 .sp .6
1805 .RS 4n
1806 Network status monitor files.
1807 .RE

1809 .sp
1810 .ne 2
1811 .na
1812 \fB\fB/var/svc/log\fR\fR
1813 .ad
1814 .sp .6
1815 .RS 4n
1816 SMF log files.
1817 .RE

1819 .sp
1820 .ne 2
1821 .na
1822 \fB\fB/var/svc/manifest\fR\fR
1823 .ad
1824 .sp .6
1825 .RS 4n
1826 SMF service manifests. An approved installation location for bundled, add-on
1827 system software and applications.
1828 .RE

1830 .sp
1831 .ne 2
1832 .na
1833 \fB\fB/var/svc/manifest/site\fR\fR
1834 .ad
1835 .sp .6
1836 .RS 4n
1837 Site-local SMF service manifests.
1838 .RE

1840 .sp
1841 .ne 2

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```

1842 .na
1843 \fB\fB/var/tmp\fR\fR
1844 .ad
1845 .sp .6
1846 .RS 4n
1847 Files that vary in size or presence during normal system operations. This
1848 directory is \fBnot\fR cleared during the boot operation. An approved
1849 installation location for bundled Solaris software and for add-on system
1850 software and applications.
1851 .sp
1852 It is possible to change the default behavior for \fB/var/tmp\fR to clear all
1853 of the files except editor temporary files by setting the \fBclean_vartmp\fR
1854 property value of the \fBbrtmpfiles\fR service. This is done with the following
1855 commands:
1856 .sp
1857 .in +2
1858 .nf
1859 # \fBsvccfg -s svc:/system/rmtmpfiles setprop \e\fR
1860     \fBoptions/clean_vartmp = "true"\fR
1861 # \fBsvcadm refresh svc:/system/rmtmpfiles:default\fR
1862 .fi
1863 .in -2
1864 .sp

1866 The \fBsolaris.smf.value.rmtmpfiles\fR authorization is required to modify this
1867 property.
1868 .RE

1870 .sp
1871 .ne 2
1872 .na
1873 \fB\fB/var/uucp\fR\fR
1874 .ad
1875 .sp .6
1876 .RS 4n
1877 \fBuucp\fR(1C) log and status files.
1878 .RE

1880 .sp
1881 .ne 2
1882 .na
1883 \fB\fB/var/yp\fR\fR
1884 .ad
1885 .sp .6
1886 .RS 4n
1887 Databases needed for backwards compatibility with \fBNIS\fR and
1888 \fBypbind\fR(1M); unnecessary after full transition to \fBNIS+\fR.
1889 .RE

1891 .SS "\fB/usr\fR File System"
1894 .sp
1892 .LP
1893 Because it is desirable to keep the root file system small and not volatile, on
1894 disk-based systems larger file systems are often mounted on \fB/home\fR,
1895 \fB/opt\fR, \fB/usr\fR, and \fB/var\fR.
1896 .sp
1897 .LP
1898 The file system mounted on \fB/usr\fR contains platform-dependent and
1899 platform-independent sharable files. The subtree rooted at \fB/usr/share\fR
1900 contains platform-independent sharable files; the rest of the \fB/usr\fR tree
1901 contains platform-dependent files. By mounting a common remote file system, a
1902 group of machines with a common platform may share a single \fB/usr\fR file
1903 system. A single \fB/usr/share\fR file system can be shared by machines of any
1904 platform. A machine acting as a file server can share many different \fB/usr\fR
1905 file systems to support several different architectures and operating system
1906 releases. Clients usually mount \fB/usr\fR read-only so that they do not

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1907 accidentally change any shared files.
1908 .sp
1909 .LP
1910 The \fB/usr\fR file system contains the following subdirectories:
1911 .sp
1912 .ne 2
1913 .na
1914 \fB\fB/usr/4lib\fR\fR
1915 .ad
1916 .sp .6
1917 .RS 4n
1918 \fB.a.out\fR libraries for the Binary Compatibility Package.
1919 .RE

1921 .sp
1922 .ne 2
1923 .na
1924 \fB\fB/usr/5bin\fR\fR
1925 .ad
1926 .sp .6
1927 .RS 4n
1928 Symbolic link to the \fB/usr/bin\fR directory.
1929 .RE

1931 .sp
1932 .ne 2
1933 .na
1934 \fB\fB/usr/SUNwale\fR\fR
1935 .ad
1936 .sp .6
1937 .RS 4n
1938 Configuration files for Asian Language Environment (ALE).
1939 .RE

1941 .sp
1942 .ne 2
1943 .na
1944 \fB\fB/usr/X\fR\fR
1945 .ad
1946 .sp .6
1947 .RS 4n
1948 Symbolic link to the \fB/usr/openwin\fR directory.
1949 .RE

1951 .sp
1952 .ne 2
1953 .na
1954 \fB\fB/usr/X11\fR\fR
1955 .ad
1956 .sp .6
1957 .RS 4n
1958 Xorg Xserver (X11) executables and documentation.
1959 .RE

1961 .sp
1962 .ne 2
1963 .na
1964 \fB\fB/usr/adm\fR\fR
1965 .ad
1966 .sp .6
1967 .RS 4n
1968 Symbolic link to the \fB/var/adm\fR directory.
1969 .RE

1971 .sp
1972 .ne 2

```

1973 .na
 1974 \fB\fB/usr/apache\fR\fR
 1975 .ad
 1976 .sp .6
 1977 .RS 4n
 1978 Apache executables, loadable modules, and documentation.
 1979 .RE

1981 .sp
 1982 .ne 2
 1983 .na
 1984 \fB\fB/usr/appserver\fR\fR
 1985 .ad
 1986 .sp .6
 1987 .RS 4n
 1988 Sun Java System Application Server software.
 1989 .RE

1991 .sp
 1992 .ne 2
 1993 .na
 1994 \fB\fB/usr/benchmarks\fR\fR
 1995 .ad
 1996 .sp .6
 1997 .RS 4n
 1998 Directory for benchmarks.
 1999 .RE

2001 .sp
 2002 .ne 2
 2003 .na
 2004 \fB\fB/usr/bin\fR\fR
 2005 .ad
 2006 .sp .6
 2007 .RS 4n
 2008 Platform-dependent, user-invoked executables. These are commands users expect
 2009 to be run as part of their normal \fB\$PATH\fR. For executables that are
 2010 different on a 64-bit system than on a 32-bit system, a wrapper that selects
 2011 the appropriate executable is placed here. See \fBisaexec\fR(3C). An approved
 2012 installation location for bundled Solaris software. The analogous location for
 2013 add-on system software or for applications is \fB/opt/\fIpackagename\fR/bin\fR.
 2014 .RE

2016 .sp
 2017 .ne 2
 2018 .na
 2019 \fB\fB/usr/bin/amd64\fR\fR
 2020 .ad
 2021 .sp .6
 2022 .RS 4n
 2023 x86 64-bit, platform-dependent, user-invoked executables. This directory should
 2024 not be part of a user's \fB\$PATH\fR. A wrapper in \fB/usr/bin\fR should invoke
 2025 the executable in this directory. See \fBisaexec\fR(3C). An approved
 2026 installation location for bundled Solaris software. The analogous location for
 2027 add-on system software or for applications is
 2028 \fB/opt/\fIpackagename\fR/bin/amd64\fR.
 2029 .RE

2031 .sp
 2032 .ne 2
 2033 .na
 2034 \fB\fB/usr/bin/sparcv9\fR\fR
 2035 .ad
 2036 .sp .6
 2037 .RS 4n
 2038 \fBSPARC\fR platform-dependent, user-invoked executables. This directory should

2039 not be part of a user's \fB\$PATH\fR. A wrapper in \fB/usr/bin\fR should invoke
 2040 the executable in this directory. See \fBisaexec\fR(3C). An approved
 2041 installation location for bundled Solaris software. The analogous location for
 2042 add-on system software or for applications is
 2043 \fB/opt/\fIpackagename\fR/bin/sparcv9\fR.
 2044 .RE

2046 .sp
 2047 .ne 2
 2048 .na
 2049 \fB\fB/usr/bin/\fIsubsystem\fR\fR
 2050 .ad
 2051 .sp .6
 2052 .RS 4n
 2053 Platform-dependent user-invoked executables that are associated with
 2054 \fIsubsystem\fR. These are commands users expect to be run as part of their
 2055 normal \fB\$PATH\fR. An approved installation location for bundled Solaris
 2056 software. The analogous location for add-on system software or for applications
 2057 is \fB/opt/\fIpackagename\fR/bin\fR.
 2058 .RE

2060 .sp
 2061 .ne 2
 2062 .na
 2063 \fB\fB/usr/\fIsubsystem\fR/bin\fR
 2064 .ad
 2065 .sp .6
 2066 .RS 4n
 2067 Platform-dependent user-invoked executables that are associated with
 2068 \fIsubsystem\fR. These are commands users expect to be run as part of their
 2069 normal \fB\$PATH\fR. An approved installation location for bundled Solaris
 2070 software. The analogous location for add-on system software or for applications
 2071 is \fB/opt/\fIpackagename\fR/bin\fR.
 2072 .RE

2074 .sp
 2075 .ne 2
 2076 .na
 2077 \fB\fB/usr/\fIsubsystem\fR/bin/amd64\fR
 2078 .ad
 2079 .sp .6
 2080 .RS 4n
 2081 x86 64-bit, platform-dependent, user-invoked executables. This directory should
 2082 not be part of a user's \fB\$PATH\fR. A wrapper in \fB/usr/bin\fR should invoke
 2083 the executable in this directory. See \fBisaexec\fR(3C). An approved
 2084 installation location for bundled Solaris software. The analogous location for
 2085 add-on system software or for applications is
 2086 \fB/opt/\fIpackagename\fR/bin/amd64\fR.
 2087 .RE

2089 .sp
 2090 .ne 2
 2091 .na
 2092 \fB\fB/usr/\fIsubsystem\fR/bin/sparcv9\fR
 2093 .ad
 2094 .sp .6
 2095 .RS 4n
 2096 \fBSPARC\fR 64-bit, platform-dependent, user-invoked executables. This
 2097 directory should not be part of a user's \fB\$PATH\fR. A wrapper in
 2098 \fB/usr/bin\fR should invoke the executable in this directory. See
 2099 \fBisaexec\fR(3C). An approved installation location for bundled Solaris
 2100 software. The analogous location for add-on system software or for applications
 2101 is \fB/opt/\fIpackagename\fR/bin/sparcv9\fR.
 2102 .RE

2104 .sp

```

2105 .ne 2
2106 .na
2107 \fB\fB/usr/ccs\fR\fR
2108 .ad
2109 .sp .6
2110 .RS 4n
2111 C compilation system.
2112 .RE

2114 .sp
2115 .ne 2
2116 .na
2117 \fB\fB/usr/ccs/bin\fR\fR
2118 .ad
2119 .sp .6
2120 .RS 4n
2121 C compilation commands and system utilities.
2122 .RE

2124 .sp
2125 .ne 2
2126 .na
2127 \fB\fB/usr/ccs/lib\fR\fR
2128 .ad
2129 .sp .6
2130 .RS 4n
2131 Symbolic link to \fB/usr/lib\fR.
2132 .RE

2134 .sp
2135 .ne 2
2136 .na
2137 \fB\fB/usr/demo\fR\fR
2138 .ad
2139 .sp .6
2140 .RS 4n
2141 Demo programs and data.
2142 .RE

2144 .sp
2145 .ne 2
2146 .na
2147 \fB\fB/usr/dict\fR\fR
2148 .ad
2149 .sp .6
2150 .RS 4n
2151 Symbolic link to the \fB/usr/share/lib/dict\fR directory, which contains the
2152 dictionary file used by the \fBUNIX\fR spell program.
2153 .RE

2155 .sp
2156 .ne 2
2157 .na
2158 \fB\fB/usr/dt\fR\fR
2159 .ad
2160 .sp .6
2161 .RS 4n
2162 root of a subtree for CDE software.
2163 .RE

2165 .sp
2166 .ne 2
2167 .na
2168 \fB\fB/usr/dt/bin\fR\fR
2169 .ad
2170 .sp .6

```

```

2171 .RS 4n
2172 Primary location for CDE system utilities.
2173 .RE

2175 .sp
2176 .ne 2
2177 .na
2178 \fB\fB/usr/dt/include\fR\fR
2179 .ad
2180 .sp .6
2181 .RS 4n
2182 Header files for CDE software.
2183 .RE

2185 .sp
2186 .ne 2
2187 .na
2188 \fB\fB/usr/dt/lib\fR\fR
2189 .ad
2190 .sp .6
2191 .RS 4n
2192 Libraries for CDE software.
2193 .RE

2195 .sp
2196 .ne 2
2197 .na
2198 \fB\fB/usr/dt/share/man\fR\fR
2199 .ad
2200 .sp .6
2201 .RS 4n
2202 On-line reference manual pages for CDE software.
2203 .RE

2205 .sp
2206 .ne 2
2207 .na
2208 \fB\fB/usr/games\fR\fR
2209 .ad
2210 .sp .6
2211 .RS 4n
2212 An empty directory, a remnant of the SunOS 4.0/4.1 software.
2213 .RE

2215 .sp
2216 .ne 2
2217 .na
2218 \fB\fB/usr/gnome\fR\fR
2219 .ad
2220 .sp .6
2221 .RS 4n
2222 This is an obsolete directory where 3rd party programs can install their
2223 applications and \fBpixmap\fR files. It is supported for backwards
2224 compatibility.
2225 .RE

2227 .sp
2228 .ne 2
2229 .na
2230 \fB\fB/usr/include\fR\fR
2231 .ad
2232 .sp .6
2233 .RS 4n
2234 Include headers (for C programs).
2235 .RE

```

```

2237 .sp
2238 .ne 2
2239 .na
2240 \fB\fB/usr/java\fI*\fR\fR\fR
2241 .ad
2242 .sp .6
2243 .RS 4n
2244 Directories containing Java programs and libraries.
2245 .RE

2247 .sp
2248 .ne 2
2249 .na
2250 \fB\fB/usr/jdk\fI*\fR\fR\fR
2251 .ad
2252 .sp .6
2253 .RS 4n
2254 Java Platform virtual machine and core class libraries.
2255 .RE

2257 .sp
2258 .ne 2
2259 .na
2260 \fB\fB/usr/kernel\fR\fR
2261 .ad
2262 .sp .6
2263 .RS 4n
2264 Subtree of platform-dependent loadable kernel modules, not needed in the root
2265 filesystem. An approved installation location for bundled Solaris software.
2266 .RE

2268 .sp
2269 .ne 2
2270 .na
2271 \fB\fB/usr/kvm\fR\fR
2272 .ad
2273 .sp .6
2274 .RS 4n
2275 A mount point, retained for backward compatibility, that formerly contained
2276 platform-specific binaries and libraries.
2277 .RE

2279 .sp
2280 .ne 2
2281 .na
2282 \fB\fB/usr/lib\fR\fR
2283 .ad
2284 .sp .6
2285 .RS 4n
2286 Platform-dependent libraries, various databases, commands and daemons not
2287 invoked directly by a human user. An approved installation location for bundled
2288 Solaris software. The analogous location for add-on system software or for
2289 applications is \fB/opt/\fIpackage\fR/lib\fR.
2290 .RE

2292 .sp
2293 .ne 2
2294 .na
2295 \fB\fB/usr/lib/32\fR\fR
2296 .ad
2297 .sp .6
2298 .RS 4n
2299 Symbolic link to \fB/usr/lib\fR.
2300 .RE

2302 .sp

```

```

2303 .ne 2
2304 .na
2305 \fB\fB/usr/lib/64\fR\fR
2306 .ad
2307 .sp .6
2308 .RS 4n
2309 Symbolic link to the most portable 64-bit Solaris interfaces, on both SPARC and
2310 x86 platforms.
2311 .RE

2313 .sp
2314 .ne 2
2315 .na
2316 \fB\fB/usr/lib/acct\fR\fR
2317 .ad
2318 .sp .6
2319 .RS 4n
2320 Accounting scripts and binaries. See \fBacct\fR(1M).
2321 .RE

2323 .sp
2324 .ne 2
2325 .na
2326 \fB\fB/usr/lib/adb\fR\fR
2327 .ad
2328 .sp .6
2329 .RS 4n
2330 \fB\adb\fR accounting scripts.
2331 .RE

2333 .sp
2334 .ne 2
2335 .na
2336 \fB\fB/usr/lib/amd64\fR\fR
2337 .ad
2338 .sp .6
2339 .RS 4n
2340 Platform-dependent libraries, various databases, commands and daemons not
2341 invoked directly by a human user on 64-bit x86. An approved installation
2342 location for bundled Solaris software. The analogous location for add-on system
2343 software or for applications is \fB/opt/\fIpackage\fR/lib/amd64\fR.
2344 .RE

2346 .sp
2347 .ne 2
2348 .na
2349 \fB\fB/usr/lib/autofs\fR\fR
2350 .ad
2351 .sp .6
2352 .RS 4n
2353 Contains the \fBautomountd\fR executable.
2354 .RE

2356 .sp
2357 .ne 2
2358 .na
2359 \fB\fB/usr/lib/cfgadm\fR\fR
2360 .ad
2361 .sp .6
2362 .RS 4n
2363 Contains \fBbcfgadm\fR hardware-specific driver plugins.
2364 .RE

2366 .sp
2367 .ne 2
2368 .na

```

```

2369 \fB\fB/usr/lib/class\fR\fR
2370 .ad
2371 .sp .6
2372 .RS 4n
2373 Scheduling-class-specific directories containing executables for
2374 \fBpriosct1\fR(1) and \fBdispadm\fR(1M).
2375 .RE

2377 .sp
2378 .ne 2
2379 .na
2380 \fB\fB/usr/lib/crypto\fR\fR
2381 .ad
2382 .sp .6
2383 .RS 4n
2384 Contains the kernel-level cryptographic framework daemon (\fBkcfD\fR).
2385 .RE

2387 .sp
2388 .ne 2
2389 .na
2390 \fB\fB/usr/lib/devfsadm\fR\fR
2391 .ad
2392 .sp .6
2393 .RS 4n
2394 Contains \fBdevfsadm\fR, the daemon version of \fBdevfsadm\fR.
2395 .RE

2397 .sp
2398 .ne 2
2399 .na
2400 \fB\fB/usr/lib/dict\fR\fR
2401 .ad
2402 .sp .6
2403 .RS 4n
2404 Database files for \fBspell\fR(1).
2405 .RE

2407 .sp
2408 .ne 2
2409 .na
2410 \fB\fB/usr/lib/dns\fR\fR
2411 .ad
2412 .sp .6
2413 .RS 4n
2414 Contains DNS resolver libraries.
2415 .RE

2417 .sp
2418 .ne 2
2419 .na
2420 \fB\fB/usr/lib/dtrace\fR\fR
2421 .ad
2422 .sp .6
2423 .RS 4n
2424 Contains \fBdtrace\fR D source files.
2425 .RE

2427 .sp
2428 .ne 2
2429 .na
2430 \fB\fB/usr/lib/flash\fR\fR
2431 .ad
2432 .sp .6
2433 .RS 4n
2434 Contains Solaris flash archive deployment scripts.

```

```

2435 .RE

2437 .sp
2438 .ne 2
2439 .na
2440 \fB\fB/usr/lib/fm\fR\fR
2441 .ad
2442 .sp .6
2443 .RS 4n
2444 Contains \fBfmd\fR, the fault manager daemon and the fault manager library.
2445 .RE

2447 .sp
2448 .ne 2
2449 .na
2450 \fB\fB/usr/lib/font\fR\fR
2451 .ad
2452 .sp .6
2453 .RS 4n
2454 \fBttroff\fR(1) font description files.
2455 .RE

2457 .sp
2458 .ne 2
2459 .na
2460 \fB\fB/usr/lib/fs\fR\fR
2461 .ad
2462 .sp .6
2463 .RS 4n
2464 File system type dependent modules; generally not intended to be invoked
2465 directly by the user.
2466 .RE

2468 .sp
2469 .ne 2
2470 .na
2471 \fB\fB/usr/lib/gss\fR\fR
2472 .ad
2473 .sp .6
2474 .RS 4n
2475 Secure services-related libraries.
2476 .RE

2478 .sp
2479 .ne 2
2480 .na
2481 \fB\fB/usr/lib/iconv\fR\fR
2482 .ad
2483 .sp .6
2484 .RS 4n
2485 Conversion tables for \fBiconv\fR(1).
2486 .RE

2488 .sp
2489 .ne 2
2490 .na
2491 \fB\fB/usr/lib/inet\fR\fR
2492 .ad
2493 .sp .6
2494 .RS 4n
2495 Contains many network-related daemons and libraries.
2496 .RE

2498 .sp
2499 .ne 2
2500 .na

```



```

2501 \fB\fB/usr/lib/ipf\fR\fR
2502 .ad
2503 .sp .6
2504 .RS 4n
2505 Contains \fBIPFILTER.LICENCE\fR and \fBipftest\fR.
2506 .RE

2508 .sp
2509 .ne 2
2510 .na
2511 \fB\fB/usr/lib/ipqosconf\fR\fR
2512 .ad
2513 .sp .6
2514 .RS 4n
2515 IPQoS configuration utility.
2516 .RE

2518 .sp
2519 .ne 2
2520 .na
2521 \fB\fB/usr/lib/krb5\fR\fR
2522 .ad
2523 .sp .6
2524 .RS 4n
2525 Contains the Kerberos database propagation program and libraries.
2526 .RE

2528 .sp
2529 .ne 2
2530 .na
2531 \fB\fB/usr/lib/ld\fR\fR
2532 .ad
2533 .sp .6
2534 .RS 4n
2535 Contains the map files for the \fBld\fR link editor.
2536 .RE

2538 .sp
2539 .ne 2
2540 .na
2541 \fB\fB/usr/lib/ldap\fR\fR
2542 .ad
2543 .sp .6
2544 .RS 4n
2545 Contains LDAP client configuration utilities.
2546 .RE

2548 .sp
2549 .ne 2
2550 .na
2551 \fB\fB/usr/lib/libp\fR\fR
2552 .ad
2553 .sp .6
2554 .RS 4n
2555 Profiled libraries.
2556 .RE

2558 .sp
2559 .ne 2
2560 .na
2561 \fB\fB/usr/lib/llc2\fR\fR
2562 .ad
2563 .sp .6
2564 .RS 4n
2565 Contains logical link control (\fBllc2\fR) driver configuration files.
2566 .RE

```

```

2568 .sp
2569 .ne 2
2570 .na
2571 \fB\fB/usr/lib/locale\fR\fR
2572 .ad
2573 .sp .6
2574 .RS 4n
2575 Localization databases.
2576 .RE

2578 .sp
2579 .ne 2
2580 .na
2581 \fB\fB/usr/lib/lp\fR\fR
2582 .ad
2583 .sp .6
2584 .RS 4n
2585 Line printer subsystem databases and back-end executables.
2586 .RE

2588 .sp
2589 .ne 2
2590 .na
2591 \fB\fB/usr/lib/netsvc\fR\fR
2592 .ad
2593 .sp .6
2594 .RS 4n
2595 Internet network services.
2596 .RE

2598 .sp
2599 .ne 2
2600 .na
2601 \fB\fB/usr/lib/nfs\fR\fR
2602 .ad
2603 .sp .6
2604 .RS 4n
2605 Auxiliary NFS-related programs and daemons.
2606 .RE

2608 .sp
2609 .ne 2
2610 .na
2611 \fB\fB/usr/lib/nis\fR\fR
2612 .ad
2613 .sp .6
2614 .RS 4n
2615 Contains NIS+ administrative commands.
2616 .RE

2618 .sp
2619 .ne 2
2620 .na
2621 \fB\fB/usr/lib/picl\fR\fR
2622 .ad
2623 .sp .6
2624 .RS 4n
2625 Platform Information and Control Library.
2626 .RE

2628 .sp
2629 .ne 2
2630 .na
2631 \fB\fB/usr/lib/pool\fR\fR
2632 .ad

```

```

2633 .sp .6
2634 .RS 4n
2635 Contains the automated resource pools partitioning daemon (\fBpooled\fR) and
2636 associated libraries.
2637 .RE

2639 .sp
2640 .ne 2
2641 .na
2642 \fB\fB/usr/lib/power\fR\fR
2643 .ad
2644 .sp .6
2645 .RS 4n
2646 Power management daemon, \fBpowerd\fR.
2647 .RE

2649 .sp
2650 .ne 2
2651 .na
2652 \fB\fB/usr/lib/print\fR\fR
2653 .ad
2654 .sp .6
2655 .RS 4n
2656 Contains \fB\lp\fR conversion scripts and the \fB\lpd\fR daemon.
2657 .RE

2659 .sp
2660 .ne 2
2661 .na
2662 \fB\fB/usr/lib/rcap\fR\fR
2663 .ad
2664 .sp .6
2665 .RS 4n
2666 Resource cap enforcement daemon, \fBrcapd\fR.
2667 .RE

2669 .sp
2670 .ne 2
2671 .na
2672 \fB\fB/usr/lib/rcm\fR\fR
2673 .ad
2674 .sp .6
2675 .RS 4n
2676 Contains the Reconfiguration and Coordination Manager daemon (\fBrcm_daemon\fR)
2677 and RCM scripts.
2678 .RE

2680 .sp
2681 .ne 2
2682 .na
2683 \fB\fB/usr/lib/refer\fR\fR
2684 .ad
2685 .sp .6
2686 .RS 4n
2687 Auxiliary programs for \fBrefer\fR(1).
2688 .RE

2690 .sp
2691 .ne 2
2692 .na
2693 \fB\fB/usr/lib/rmmount\fR\fR
2694 .ad
2695 .sp .6
2696 .RS 4n
2697 Removable media mounter shared objects.
2698 .RE

```

```

2700 .sp
2701 .ne 2
2702 .na
2703 \fB\fB/usr/lib/sa\fR\fR
2704 .ad
2705 .sp .6
2706 .RS 4n
2707 Scripts and commands for the system activity report package. See \fBsar\fR(1).
2708 .RE

2710 .sp
2711 .ne 2
2712 .na
2713 \fB\fB/usr/lib/saf\fR\fR
2714 .ad
2715 .sp .6
2716 .RS 4n
2717 Auxiliary programs and daemons related to the service access facility.
2718 .RE

2720 .sp
2721 .ne 2
2722 .na
2723 \fB\fB/usr/lib/sasl\fR\fR
2724 .ad
2725 .sp .6
2726 .RS 4n
2727 Simple Authentication and Security Layer (SASL) plug-in modules.
2728 .RE

2730 .sp
2731 .ne 2
2732 .na
2733 \fB\fB/usr/lib/secure\fR\fR
2734 .ad
2735 .sp .6
2736 .RS 4n
2737 Default trusted libraries.
2738 .RE

2740 .sp
2741 .ne 2
2742 .na
2743 \fB\fB/usr/lib/security\fR\fR
2744 .ad
2745 .sp .6
2746 .RS 4n
2747 Solaris security plug-in modules.
2748 .RE

2750 .sp
2751 .ne 2
2752 .na
2753 \fB\fB/usr/lib/smartcard\fR\fR
2754 .ad
2755 .sp .6
2756 .RS 4n
2757 IFD handler libraries.
2758 .RE

2760 .sp
2761 .ne 2
2762 .na
2763 \fB\fB/usr/lib/smedia\fR\fR
2764 .ad

```

```

2765 .sp .6
2766 .RS 4n
2767 Removable media device server daemon, \fBrcp.smsrverd\fR.
2768 .RE

2770 .sp
2771 .ne 2
2772 .na
2773 \fB\fB/usr/lib/sparcv9\fR\fR
2774 .ad
2775 .sp .6
2776 .RS 4n
2777 \fBSPARC\fR 64-bit, platform-dependent libraries, various databases, commands
2778 and daemons not invoked directly by a human user. An approved installation
2779 location for bundled Solaris software. The analogous location for add-on system
2780 software or for applications is \fB/opt/\fIpackagename\fR/lib/sparcv9\fR.
2781 .RE

2783 .sp
2784 .ne 2
2785 .na
2786 \fB\fB/usr/lib/spell\fR\fR
2787 .ad
2788 .sp .6
2789 .RS 4n
2790 Auxiliary programs and databases for \fBspell\fR(1). This directory is only
2791 present when the Binary Compatibility Package is installed.
2792 .RE

2794 .sp
2795 .ne 2
2796 .na
2800 \fB\fB/usr/lib/ssh\fR\fR
2801 .ad
2802 .sp .6
2803 .RS 4n
2804 Contains the Secure Shell daemon (\fBsshd\fR) and supporting programs.
2805 .RE

2807 .sp
2808 .ne 2
2809 .na
2797 \fB\fB/usr/lib/\fIsubsystem\fR\fR
2798 .ad
2799 .sp .6
2800 .RS 4n
2801 Platform-dependent libraries, various databases, commands and daemons that are
2802 associated with \fIsubsystem\fR and that are not invoked directly by a human
2803 user. An approved installation location for bundled Solaris software. The
2804 analogous location for add-on system software or for applications is
2805 \fB/opt/\fIpackagename\fR/lib\fR.
2806 .RE

2808 .sp
2809 .ne 2
2810 .na
2811 \fB\fB/usr/lib/\fIsubsystem\fR/amd64\fR\fR
2812 .ad
2813 .sp .6
2814 .RS 4n
2815 x86 64-bit, platform-dependent libraries, various databases, commands and
2816 daemons that are associated with \fIsubsystem\fR and that are not invoked
2817 directly by a human user. An approved installation location for bundled Solaris
2818 software. The analogous location for add-on system software or for applications
2819 is \fB/opt/\fIpackagename\fR/lib/amd64\fR.
2820 .RE

```

```

2822 .sp
2823 .ne 2
2824 .na
2825 \fB\fB/usr/lib/\fIsubsystem\fR/sparcv9\fR\fR
2826 .ad
2827 .sp .6
2828 .RS 4n
2829 \fBSPARC\fR 64-bit, platform-dependent libraries, various databases, commands
2830 and daemons that are associated with \fIsubsystem\fR and that are not invoked
2831 directly by a human user. An approved installation location for bundled Solaris
2832 software. The analogous location for add-on system software or for applications
2833 is \fB/opt/\fIpackagename\fR/lib/sparcv9\fR.
2834 .RE

2836 .sp
2837 .ne 2
2838 .na
2839 \fB\fB/usr/\fIsubsystem\fR/lib\fR\fR
2840 .ad
2841 .sp .6
2842 .RS 4n
2843 Platform-dependent libraries, various databases, commands and daemons not
2844 invoked directly by a human user. An approved installation location for bundled
2845 Solaris software. The analogous location for add-on system software or for
2846 applications is \fB/opt/\fIpackagename\fR/lib\fR.
2847 .RE

2849 .sp
2850 .ne 2
2851 .na
2852 \fB\fB/usr/\fIsubsystem\fR/lib/amd64\fR\fR
2853 .ad
2854 .sp .6
2855 .RS 4n
2856 x86 64-bit, platform-dependent libraries, various databases, commands and
2857 daemons that are associated with \fIsubsystem\fR and that are not invoked
2858 directly by a human user. An approved installation location for bundled Solaris
2859 software. The analogous location for add-on system software or for applications
2860 is \fB/opt/\fIpackagename\fR/lib/amd64\fR.
2861 .RE

2863 .sp
2864 .ne 2
2865 .na
2866 \fB\fB/usr/\fIsubsystem\fR/lib/sparcv9\fR\fR
2867 .ad
2868 .sp .6
2869 .RS 4n
2870 \fBSPARC\fR 64-bit, platform-dependent libraries, various databases, commands
2871 and daemons that are associated with \fIsubsystem\fR and that are not invoked
2872 directly by a human user. An approved installation location for bundled Solaris
2873 software. The analogous location for add-on system software or for applications
2874 is \fB/opt/\fIpackagename\fR/lib/sparcv9\fR.
2875 .RE

2877 .sp
2878 .ne 2
2879 .na
2880 \fB\fB/usr/lib/sysevent\fR\fR
2881 .ad
2882 .sp .6
2883 .RS 4n
2884 Contains the system event notification daemon (\fBsyseventd\fR) and the
2885 \fBsyseventd\fR loadable module (SLM) repository.
2886 .RE

```

```

2888 .sp
2889 .ne 2
2890 .na
2891 \fB\fB/usr/lib/uucp\fR\fR
2892 .ad
2893 .sp .6
2894 .RS 4n
2895 Auxiliary programs and daemons for \fBuucp\fR(1C).
2896 .RE

2898 .sp
2899 .ne 2
2900 .na
2901 \fB\fB/usr/lib/webconsole\fR\fR
2902 .ad
2903 .sp .6
2904 .RS 4n
2905 Sun Java web console programs and scripts.
2906 .RE

2908 .sp
2909 .ne 2
2910 .na
2911 \fB\fB/usr/lib/zones\fR\fR
2912 .ad
2913 .sp .6
2914 .RS 4n
2915 Zone administration daemon (\fBzoneamd\fR).
2916 .RE

2918 .sp
2919 .ne 2
2920 .na
2921 \fB\fB/usr/local\fR\fR
2922 .ad
2923 .sp .6
2924 .RS 4n
2925 Not part of the SVR4-based Solaris distribution. The \fB/usr\fR directory is
2926 exclusively for software bundled with the Solaris operating system. If needed
2927 for storing machine-local add-on software, create the directory
2928 \fB/opt/local\fR and make \fB/usr/local\fR a symbolic link to \fB/opt/local\fR.
2929 The \fB/opt\fR directory or filesystem is for storing add-on software to the
2930 system.
2931 .RE

2933 .sp
2934 .ne 2
2935 .na
2936 \fB\fB/usr/mail\fR\fR
2937 .ad
2938 .sp .6
2939 .RS 4n
2940 Symbolic link to the \fB/var/mail\fR directory.
2941 .RE

2943 .sp
2944 .ne 2
2945 .na
2946 \fB\fB/usr/man\fR\fR
2947 .ad
2948 .sp .6
2949 .RS 4n
2950 Symbolic link to the \fB/usr/share/man\fR directory.
2951 .RE

```

```

2953 .sp
2954 .ne 2
2955 .na
2956 \fB\fB/usr/net/servers\fR\fR
2957 .ad
2958 .sp .6
2959 .RS 4n
2960 Entry points for foreign name service requests relayed using the network
2961 listener. See \fBlisten\fR(1M).
2962 .RE

2964 .sp
2965 .ne 2
2966 .na
2967 \fB\fB/usr/news\fR\fR
2968 .ad
2969 .sp .6
2970 .RS 4n
2971 Symbolic link to the \fB/var/news\fR directory.
2972 .RE

2974 .sp
2975 .ne 2
2976 .na
2977 \fB\fB/usr/old\fR\fR
2978 .ad
2979 .sp .6
2980 .RS 4n
2981 Programs that are being phased out.
2982 .RE

2984 .sp
2985 .ne 2
2986 .na
2987 \fB\fB/usr/openwin\fR\fR
2988 .ad
2989 .sp .6
2990 .RS 4n
2991 Installation or mount point for the OpenWindows software.
2992 .RE

2994 .sp
2995 .ne 2
2996 .na
2997 \fB\fB/usr/perl5\fR\fR
2998 .ad
2999 .sp .6
3000 .RS 4n
3001 Perl 5 programs and documentation
3002 .RE

3004 .sp
3005 .ne 2
3006 .na
3007 \fB\fB/usr/platform\fR\fR
3008 .ad
3009 .sp .6
3010 .RS 4n
3011 Subtree of platform-specific objects which does not need to reside on the root
3012 filesystem. It contains a series of directories, one per supported platform.
3013 The semantics of the series of directories is equivalent to \fB/platform\fR,
3014 except for subdirectories which do not provide utility under one or the other
3015 (for example, \fB/platform/include\fR is not needed).
3016 .RE

3018 .sp

```

```

3019 .ne 2
3020 .na
3021 \fB\fB/usr/platform/\fR\fB'\fR\fBuname\fR
3022 \fB-i\fR\fB\fR\fB'\fR\fB/include\fR. Platform-specific system (\fBsys\fR,
3023 \fBvm\fR) header files with semantics equivalent to \fB/usr/include\fR. An
3024 approved installation location for bundled Solaris software and for add-on
3025 system software.
3026 .sp .6
3027 .RS 4n
3028 Symbolic link to \fB../\fR\fB'\fR\fBuname\fR
3029 \fB-i\fR\fB\fR\fB'\fR\fB/include\fR. Platform-specific system (\fBsys\fR,
3030 \fBvm\fR) header files with semantics equivalent to \fB/usr/include\fR. An
3031 approved installation location for bundled Solaris software and for add-on
3032 system software.
3033 .RE
3034 .sp
3035 .ne 2
3036 .na
3037 \fB\fB/usr/platform/\fR\fB'\fR\fBuname\fR \fB-i\fR\fB\fR\fB'\fR\fB/lib\fR
3038 .ad
3039 .sp .6
3040 .RS 4n
3041 Platform-specific shared objects with semantics equivalent to \fB/usr/lib\fR.
3042 An approved installation location for bundled Solaris software and for add-on
3043 system software.
3044 .RE
3045 .sp
3046 .ne 2
3047 .na
3048 \fB\fB/usr/platform/\fR\fB'\fR\fBuname\fR
3049 \fB-i\fR\fB\fR\fB'\fR\fB/lib/\fR\fBisubsystem\fR/amd64\fR
3050 .ad
3051 .sp .6
3052 .RS 4n
3053 x86 64-bit, platform-specific daemon and shared objects. An approved
3054 installation location for bundled Solaris software and for add-on system
3055 software.
3056 .RE
3057 .sp
3058 .ne 2
3059 .na
3060 \fB\fB/usr/platform/\fR\fB'\fR\fBuname\fR \fB-i\fR\fB\fR\fB'\fR\fB/sbin\fR
3061 .ad
3062 .sp .6
3063 .RS 4n
3064 Platform-specific system administration utilities with semantics equivalent to
3065 \fB/usr/sbin\fR. An approved installation location for bundled Solaris software
3066 and for add-on system software.
3067 .RE
3068 .sp
3069 .ne 2
3070 .na
3071 \fB\fB/usr/preserve\fR
3072 .ad
3073 .sp .6
3074 .RS 4n
3075 Symbolic link to the \fB/var/preserve\fR directory.
3076 .RE
3077 .sp
3078 .ne 2
3079 .na
3080 \fB\fB/usr/proc\fR
3081 .ad

```

```

3082 .sp .6
3083 .RS 4n
3084 Directory for the \fBproc\fR tools.
3085 .RE
3086 .sp
3087 .ne 2
3088 .na
3089 \fB\fB/usr/pub\fR
3090 .ad
3091 .sp .6
3092 .RS 4n
3093 Symbolic link to \fB/share/lib/pub\fR, which contains files for online man page
3094 and character processing.
3095 .RE
3096 .sp
3097 .ne 2
3098 .na
3099 \fB\fB/usr/sadm\fR
3100 .ad
3101 .sp .6
3102 .RS 4n
3103 System administration files and directories.
3104 .RE
3105 .sp
3106 .ne 2
3107 .na
3108 \fB\fB/usr/sadm/bin\fR
3109 .ad
3110 .sp .6
3111 .RS 4n
3112 Binaries for the Form and Menu Language Interpreter (\fBFMLI\fR) scripts. See
3113 \fBfml(1)\fR.
3114 .RE
3115 .sp
3116 .ne 2
3117 .na
3118 \fB\fB/usr/sadm/install\fR
3119 .ad
3120 .sp .6
3121 .RS 4n
3122 Platform-dependent executables for system administration, expected to be run
3123 only by system administrators. An approved installation location for bundled
3124 Solaris software. The analogous location for add-on system software or for
3125 applications is \fB/opt/\fR\fBpackage\fR/sbin\fR.
3126 .RE
3127 .sp
3128 .ne 2
3129 .na
3130 \fB\fB/usr/sbin/install.d\fR
3131 .ad
3132 .sp .6
3133 .RS 4n
3134 Platform-dependent executables for system administration, expected to be run
3135 only by system administrators. An approved installation location for bundled
3136 Solaris software. The analogous location for add-on system software or for
3137 applications is \fB/opt/\fR\fBpackage\fR/sbin\fR.
3138 .RE
3139 .sp
3140 .ne 2
3141 .na
3142 \fB\fB/usr/sbin/install.d\fR
3143 .ad
3144 .sp .6

```

```

3151 .RS 4n
3152 Custom Jumpstart scripts and executables.
3153 .RE

3155 .sp
3156 .ne 2
3157 .na
3158 \fB\fB/usr/sbin/sparc7\fR and \fB\sparc9\fR\fR
3159 .ad
3160 .sp .6
3161 .RS 4n
3162 32-bit and 64-bit versions of commands.
3163 .RE

3165 .sp
3166 .ne 2
3167 .na
3168 \fB\fB/usr/sbin/amd64\fR\fR
3169 .ad
3170 .sp .6
3171 .RS 4n
3172 64-bit x86versions of commands.
3173 .RE

3175 .sp
3176 .ne 2
3177 .na
3178 \fB\fB/usr/sbin/\fIsubsystem\fR\fR\fR
3179 .ad
3180 .sp .6
3181 .RS 4n
3182 Platform-dependent executables for system administration, expected to be run
3183 only by system administrators, and associated with \fIsubsystem\fR. An approved
3184 installation location for bundled Solaris software. The analogous location for
3185 add-on system software or for applications is
3186 \fB/opt/\fIpackagename\fR/sbin\fR.
3187 .RE

3189 .sp
3190 .ne 2
3191 .na
3192 \fB\fB/usr/\fIsubsystem\fR/sbin\fR\fR
3193 .ad
3194 .sp .6
3195 .RS 4n
3196 Platform-dependent executables for system administration, expected to be run
3197 only by system administrators, and associated with \fIsubsystem\fR. An approved
3198 installation location for bundled Solaris software. The analogous location for
3199 add-on system software or for applications is
3200 \fB/opt/\fIpackagename\fR/sbin\fR.
3201 .RE

3203 .sp
3204 .ne 2
3205 .na
3206 \fB\fB/usr/sfw\fR\fR
3207 .ad
3208 .sp .6
3209 .RS 4n
3210 \fBGNU\fR and open source executables, libraries, and documentation.
3211 .RE

3213 .sp
3214 .ne 2
3215 .na
3216 \fB\fB/usr/share\fR\fR

```

```

3217 .ad
3218 .sp .6
3219 .RS 4n
3220 Platform-independent sharable files. An approved installation location for
3221 bundled Solaris software.
3222 .RE

3224 .sp
3225 .ne 2
3226 .na
3227 \fB\fB/usr/share/aclocal\fR\fR
3228 .ad
3229 .sp .6
3230 .RS 4n
3231 Open source \fBm4\fR files.
3232 .RE

3234 .sp
3235 .ne 2
3236 .na
3237 \fB\fB/usr/share/applications\fR\fR
3238 .ad
3239 .sp .6
3240 .RS 4n
3241 Open source desktop applications files.
3242 .RE

3244 .sp
3245 .ne 2
3246 .na
3247 \fB\fB/usr/share/audio\fR\fR
3248 .ad
3249 .sp .6
3250 .RS 4n
3251 Sample audio files.
3252 .RE

3254 .sp
3255 .ne 2
3256 .na
3257 \fB\fB/usr/share/glib-2.0\fR\fR
3258 .ad
3259 .sp .6
3260 .RS 4n
3261 Makefile for \fBglib\fR.
3262 .RE

3264 .sp
3265 .ne 2
3266 .na
3267 \fB\fB/usr/share/gnome\fR\fR
3268 .ad
3269 .sp .6
3270 .RS 4n
3271 GNOME desktop and application data.
3272 .RE

3274 .sp
3275 .ne 2
3276 .na
3277 \fB\fB/usr/share/gtk-2.0\fR\fR
3278 .ad
3279 .sp .6
3280 .RS 4n
3281 GTK+ application data and demos
3282 .RE

```

```

3284 .sp
3285 .ne 2
3286 .na
3287 \fB\fB/usr/share/gtk-doc\fR\fR
3288 .ad
3289 .sp .6
3290 .RS 4n
3291 API documentation for libraries which use gtk-doc documentation format, which
3292 mostly includes desktop interfaces.
3293 .RE

3295 .sp
3296 .ne 2
3297 .na
3298 \fB\fB/usr/share/icons\fR\fR
3299 .ad
3300 .sp .6
3301 .RS 4n
3302 Sun Java Desktop icons.
3303 .RE

3305 .sp
3306 .ne 2
3307 .na
3308 \fB\fB/usr/share/idl\fR\fR
3309 .ad
3310 .sp .6
3311 .RS 4n
3312 Open source Interface Definition Language (IDL) files.
3313 .RE

3315 .sp
3316 .ne 2
3317 .na
3318 \fB\fB/usr/share/intltool\fR\fR
3319 .ad
3320 .sp .6
3321 .RS 4n
3322 XML translation tools.
3323 .RE

3325 .sp
3326 .ne 2
3327 .na
3328 \fB\fB/usr/share/ipfilter\fR\fR
3329 .ad
3330 .sp .6
3331 .RS 4n
3332 Open source IP Filter sample files.
3333 .RE

3335 .sp
3336 .ne 2
3337 .na
3338 \fB\fB/usr/share/javadoc\fR\fR
3339 .ad
3340 .sp .6
3341 .RS 4n
3342 Help files for Message Queue broker and Smart Card applications.
3343 .RE

3345 .sp
3346 .ne 2
3347 .na
3348 \fB\fB/usr/share/lib\fR\fR

```

```

3349 .ad
3350 .sp .6
3351 .RS 4n
3352 Platform-independent sharable databases. An approved installation location for
3353 bundled Solaris software.
3354 .RE

3356 .sp
3357 .ne 2
3358 .na
3359 \fB\fB/usr/share/lib/dict\fR\fR
3360 .ad
3361 .sp .6
3362 .RS 4n
3363 Contains word list for \fBspell\fR(1).
3364 .RE

3366 .sp
3367 .ne 2
3368 .na
3369 \fB\fB/usr/share/lib/keytables\fR\fR
3370 .ad
3371 .sp .6
3372 .RS 4n
3373 Keyboard layout description tables.
3374 .RE

3376 .sp
3377 .ne 2
3378 .na
3379 \fB\fB/usr/share/lib/mailx\fR\fR
3380 .ad
3381 .sp .6
3382 .RS 4n
3383 Help files for \fBmailx\fR(1).
3384 .RE

3386 .sp
3387 .ne 2
3388 .na
3389 \fB\fB/usr/share/lib/nterm\fR\fR
3390 .ad
3391 .sp .6
3392 .RS 4n
3393 \fBnroff\fR(1) terminal tables.
3394 .RE

3396 .sp
3397 .ne 2
3398 .na
3399 \fB\fB/usr/share/lib/pub\fR\fR
3400 .ad
3401 .sp .6
3402 .RS 4n
3403 Character set data files.
3404 .RE

3406 .sp
3407 .ne 2
3408 .na
3409 \fB\fB/usr/share/lib/tabset\fR\fR
3410 .ad
3411 .sp .6
3412 .RS 4n
3413 Tab setting escape sequences.
3414 .RE

```

```

3416 .sp
3417 .ne 2
3418 .na
3419 \fB\fB/usr/share/lib/terminfo\fR\fR
3420 .ad
3421 .sp .6
3422 .RS 4n
3423 Terminal description files for \fBterminfo\fR(4).
3424 .RE

3426 .sp
3427 .ne 2
3428 .na
3429 \fB\fB/usr/share/lib/tmac\fR\fR
3430 .ad
3431 .sp .6
3432 .RS 4n
3433 Macro packages and related files for text processing tools, for example,
3434 \fBnroff\fR(1) and \fBtroff\fR(1).
3435 .RE

3437 .sp
3438 .ne 2
3439 .na
3440 \fB\fB/usr/share/lib/zoneinfo\fR\fR
3441 .ad
3442 .sp .6
3443 .RS 4n
3444 Time zone information.
3445 .RE

3447 .sp
3448 .ne 2
3449 .na
3450 \fB\fB/usr/share/man\fR\fR
3451 .ad
3452 .sp .6
3453 .RS 4n
3454 Platform-independent sharable manual pages. An approved installation location
3455 for bundled Solaris software. The analogous location for add-on system software
3456 or for applications is \fB/opt/\fIpackagename\fR/man\fR.
3457 .RE

3459 .sp
3460 .ne 2
3461 .na
3462 \fB\fB/usr/share/omf\fR\fR
3463 .ad
3464 .sp .6
3465 .RS 4n
3466 GNOME Scrollkeeper database files.
3467 .RE

3469 .sp
3470 .ne 2
3471 .na
3472 \fB\fB/usr/share/pixmaps\fR\fR
3473 .ad
3474 .sp .6
3475 .RS 4n
3476 Sun Java graphics.
3477 .RE

3479 .sp
3480 .ne 2

```

```

3481 .na
3482 \fB\fB/usr/share/scrollkeeper\fR\fR
3483 .ad
3484 .sp .6
3485 .RS 4n
3486 GNOME Scrollkeeper templates and \fBxslt\fR files.
3487 .RE

3489 .sp
3490 .ne 2
3491 .na
3492 \fB\fB/usr/share/sgml\fR\fR
3493 .ad
3494 .sp .6
3495 .RS 4n
3496 Open source SGML files.
3497 .RE

3499 .sp
3500 .ne 2
3501 .na
3502 \fB\fB/usr/share/sounds\fR\fR
3503 .ad
3504 .sp .6
3505 .RS 4n
3506 Sound files.
3507 .RE

3509 .sp
3510 .ne 2
3511 .na
3512 \fB\fB/usr/share/src\fR\fR
3513 .ad
3514 .sp .6
3515 .RS 4n
3516 Source code for kernel, utilities, and libraries.
3517 .RE

3519 .sp
3520 .ne 2
3521 .na
3522 \fB\fB/usr/share/themes\fR\fR
3523 .ad
3524 .sp .6
3525 .RS 4n
3526 GNOME 2.0 Desktop themes.
3527 .RE

3529 .sp
3530 .ne 2
3531 .na
3532 \fB\fB/usr/share/webconsole\fR\fR
3533 .ad
3534 .sp .6
3535 .RS 4n
3536 Sun Web Console status files.
3537 .RE

3539 .sp
3540 .ne 2
3541 .na
3542 \fB\fB/usr/share/xml\fR\fR
3543 .ad
3544 .sp .6
3545 .RS 4n
3546 GNOME Scrollkeeper DTD files.

```



```

3547 .RE

3549 .sp
3550 .ne 2
3551 .na
3552 \fB\fB/usr/snadm\fR\fR
3553 .ad
3554 .sp .6
3555 .RS 4n
3556 Files related to system and network administration.
3557 .RE

3559 .sp
3560 .ne 2
3561 .na
3562 \fB\fB/usr/spool\fR\fR
3563 .ad
3564 .sp .6
3565 .RS 4n
3566 Symbolic link to the \fB/var/spool\fR directory.
3567 .RE

3569 .sp
3570 .ne 2
3571 .na
3572 \fB\fB/usr/src\fR\fR
3573 .ad
3574 .sp .6
3575 .RS 4n
3576 Symbolic link to the \fB/usr/share/src\fR directory.
3577 .RE

3579 .sp
3580 .ne 2
3581 .na
3582 \fB\fB/usr/tmp\fR\fR
3583 .ad
3584 .sp .6
3585 .RS 4n
3586 Symbolic link to the \fB/var/tmp\fR directory.
3587 .RE

3589 .sp
3590 .ne 2
3591 .na
3592 \fB\fB/usr/ucb\fR\fR
3593 .ad
3594 .sp .6
3595 .RS 4n
3596 Berkeley compatibility package binaries.
3597 .RE

3599 .sp
3600 .ne 2
3601 .na
3602 \fB\fB/usr/ucbinclude\fR\fR
3603 .ad
3604 .sp .6
3605 .RS 4n
3606 Berkeley compatibility package headers.
3607 .RE

3609 .sp
3610 .ne 2
3611 .na
3612 \fB\fB/usr/ucplib\fR\fR

```

```

3613 .ad
3614 .sp .6
3615 .RS 4n
3616 Berkeley compatibility package libraries.
3617 .RE

3619 .sp
3620 .ne 2
3621 .na
3622 \fB\fB/usr/xpg4\fR\fR
3623 .ad
3624 .sp .6
3625 .RS 4n
3626 Directory for POSIX-compliant utilities.
3627 .RE

3629 .sp
3630 .ne 2
3631 .na
3632 \fB\fB/usr/xpg6\fR\fR
3633 .ad
3634 .sp .6
3635 .RS 4n
3636 Directory for newer versions of POSIX-compliant utilities.
3637 .RE

3639 .SH SEE ALSO
3653 .sp
3640 .LP
3641 \fB\fBbat\fR(1), \fB\fBbex\fR(1), \fB\fBfmli\fR(1), \fB\fBiconv\fR(1), \fB\fBblp\fR(1),
3642 \fB\fBbisainfo\fR(1), \fB\fBmail\fR(1), \fB\fBmailx\fR(1), \fB\fBnroff\fR(1),
3643 \fB\fBpriocntl\fR(1), \fB\fBrefer\fR(1), \fB\fBsar\fR(1), \fB\fBsh\fR(1), \fB\fBspell\fR(1),
3644 \fB\fBsvcs\fR(1), \fB\fBttroff\fR(1), \fB\fBuname\fR(1), \fB\fBuucp\fR(1C), \fB\fBvi\fR(1),
3645 \fB\fBacct\fR(1M), \fB\fBcron\fR(1M), \fB\fBdispadm\fR(1M), \fB\fBdladm\fR(1M),
3646 \fB\fBfmd\fR(1M), \fB\fBfsck\fR(1M), \fB\fBinit\fR(1M), \fB\fBkernel\fR(1M),
3647 \fB\fBmknod\fR(1M), \fB\fBmount\fR(1M), \fB\fBsvcadm\fR(1M), \fB\fBsvccfg\fR(1M),
3648 \fB\fBuseradd\fR(1M), \fB\fBypbind\fR(1M), \fB\fBmount\fR(2), \fB\fBintro\fR(4),
3649 \fB\fBterminfo\fR(4)

```

```

*****
1052 Tue Aug 16 20:42:46 2016
new/usr/src/pkg/manifests/network-ssh-ssh-key.mf
7293 Sun Secure Shell is neither
*****
1 #
2 # CDDL HEADER START
3 #
4 # The contents of this file are subject to the terms of the
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11 # and limitations under the License.
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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 #

22 #
23 # Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
24 #

26 set name=pkg.fmri value=pkg:/network/ssh/ssh-key@$(PKGVERS)
27 set name=pkg.obsolete value=true
28 set name=org.opensolaris.noincorp value=true
27 set name=pkg.description value="Secure Shell protocol common Utilities"
28 set name=pkg.summary value="SSH Common"
29 set name=info.classification \
30     value=org.opensolaris.category.2008:System/Security
29 set name=variant.arch value=$(ARCH)
32 dir path=usr group=sys
33 dir path=usr/bin
34 dir path=usr/lib
35 dir path=usr/lib/ssh
36 dir path=usr/lib/sunssh
37 dir path=usr/share/man/man1
38 dir path=usr/share/man/man1m
39 file path=usr/lib/sunssh/ssh-keygen mode=0555
40 file path=usr/lib/sunssh/ssh-keyscan mode=0555
41 file path=usr/lib/sunssh/ssh-keysign mode=4555
42 file path=usr/share/man/man1/ssh-keygen.sunssh.1
43 file path=usr/share/man/man1/ssh-keyscan.sunssh.1
44 file path=usr/share/man/man1m/ssh-keysign.sunssh.1m
45 legacy pkg=SUNWsshcu desc="Secure Shell protocol common Utilities" \
46     name="SSH Common, (Usr)"
47 license usr/src/cmd/ssh/THIRDPARTYLICENSE \
48     license=usr/src/cmd/ssh/THIRDPARTYLICENSE
49 link path=usr/bin/ssh-keygen mediator=ssh mediator-implementation=sunssh \
50     target=../lib/sunssh/ssh-keygen
51 link path=usr/bin/ssh-keyscan mediator=ssh mediator-implementation=sunssh \
52     target=../lib/sunssh/ssh-keyscan
53 link path=usr/lib/ssh/ssh-keysign mediator=ssh mediator-implementation=sunssh \
54     target=../sunssh/ssh-keysign
55 link path=usr/share/man/man1/ssh-keygen.1 mediator=ssh \
56     mediator-implementation=sunssh target=ssh-keygen.sunssh.1
57 link path=usr/share/man/man1/ssh-keyscan.1 mediator=ssh \
58     mediator-implementation=sunssh target=ssh-keyscan.sunssh.1
59 link path=usr/share/man/man1m/ssh-keysign.1m mediator=ssh \

```

```

60     mediator-implementation=sunssh target=ssh-keysign.sunssh.1m

```

```

*****
1044 Tue Aug 16 20:42:47 2016
new/usr/src/pkg/manifests/network-ssh.mf
7293 Sun Secure Shell is neither
*****
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.
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11 # and limitations under the License.
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14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
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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 #

22 #
23 # Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
24 #

26 set name=pkg.fmri value=pkg:/network/ssh@(PKGVERS)
27 set name=pkg.obsolete value=true
28 set name=org.opensolaris.noincorp value=true
27 set name=pkg.description \
28 value="Secure Shell protocol Client and associated Utilities"
29 set name=pkg.summary value="SSH Client and utilities"
30 set name=info.classification \
31 value=org.opensolaris.category.2008:System/Security
29 set name=variant.arch value=$(ARCH)
33 dir path=etc group=sys
34 dir path=etc/ssh group=sys
35 dir path=usr group=sys
36 dir path=usr/bin
37 dir path=usr/lib
38 dir path=usr/lib/ssh
39 dir path=usr/lib/sunssh
40 dir path=usr/share/man
41 dir path=usr/share/man/man1
42 file path=usr/lib/sunssh/scp mode=0555
43 file path=usr/lib/sunssh/sftp mode=0555
44 file path=usr/lib/sunssh/ssh mode=0555
45 file path=usr/lib/sunssh/ssh-add mode=0555
46 file path=usr/lib/sunssh/ssh-agent mode=0555
47 file path=usr/lib/sunssh/ssh-askpass mode=0555
48 file path=usr/lib/sunssh/ssh-http-proxy-connect mode=0555
49 file path=usr/lib/sunssh/ssh-socks5-proxy-connect mode=0555
50 file path=usr/share/man/man1/scp.sunssh.1
51 file path=usr/share/man/man1/sftp.sunssh.1
52 file path=usr/share/man/man1/ssh-add.sunssh.1
53 file path=usr/share/man/man1/ssh-agent.sunssh.1
54 file path=usr/share/man/man1/ssh-http-proxy-connect.sunssh.1
55 file path=usr/share/man/man1/ssh-socks5-proxy-connect.sunssh.1
56 file path=usr/share/man/man1/ssh.sunssh.1
57 legacy pkg=SUNWssh \
58 desc="Secure Shell protocol Client and associated Utilities" \
59 name="SSH Client and utilities, (Root)"

```

```

60 legacy pkg=SUNWssh \
61 desc="Secure Shell protocol Client and associated Utilities" \
62 name="SSH Client and utilities, (Ushr)"
63 license usr/src/cmd/ssh/THIRDPARTYLICENSE \
64 license=usr/src/cmd/ssh/THIRDPARTYLICENSE
65 link path=usr/bin/scp mediator=ssh mediator-implementation=sunssh \
66 target=../lib/sunssh/scp
67 link path=usr/bin/sftp mediator=ssh mediator-implementation=sunssh \
68 target=../lib/sunssh/sftp
69 link path=usr/bin/ssh mediator=ssh mediator-implementation=sunssh \
70 target=../lib/sunssh/ssh
71 link path=usr/bin/ssh-add mediator=ssh mediator-implementation=sunssh \
72 target=../lib/sunssh/ssh-add
73 link path=usr/bin/ssh-agent mediator=ssh mediator-implementation=sunssh \
74 target=../lib/sunssh/ssh-agent
75 link path=usr/lib/ssh/ssh-askpass mediator=ssh mediator-implementation=sunssh \
76 target=../sunssh/ssh-askpass
77 link path=usr/lib/ssh/ssh-http-proxy-connect mediator=ssh \
78 mediator-implementation=sunssh target=../sunssh/ssh-http-proxy-connect
79 link path=usr/lib/ssh/ssh-socks5-proxy-connect mediator=ssh \
80 mediator-implementation=sunssh target=../sunssh/ssh-socks5-proxy-connect
81 link path=usr/share/man/man1/scp.1 mediator=ssh mediator-implementation=sunssh \
82 target=scp.sunssh.1
83 link path=usr/share/man/man1/sftp.1 mediator=ssh \
84 mediator-implementation=sunssh target=sftp.sunssh.1
85 link path=usr/share/man/man1/ssh-add.1 mediator=ssh \
86 mediator-implementation=sunssh target=ssh-add.sunssh.1
87 link path=usr/share/man/man1/ssh-agent.1 mediator=ssh \
88 mediator-implementation=sunssh target=ssh-agent.sunssh.1
89 link path=usr/share/man/man1/ssh-http-proxy-connect.1 mediator=ssh \
90 mediator-implementation=sunssh target=ssh-http-proxy-connect.sunssh.1
91 link path=usr/share/man/man1/ssh-socks5-proxy-connect.1 mediator=ssh \
92 mediator-implementation=sunssh target=socks5-proxy-connect.sunssh.1
93 link path=usr/share/man/man1/ssh.1 mediator=ssh mediator-implementation=sunssh \
94 target=ssh.sunssh.1
95 depend fmri=service/network/ssh-common type=require

```

new/usr/src/pkg/manifests/service-network-ssh-common.mf

1

1611 Tue Aug 16 20:42:48 2016

new/usr/src/pkg/manifests/service-network-ssh-common.mf

7293 Sun Secure Shell is neither

```
1 #
2 # This file and its contents are supplied under the terms of the
3 # Common Development and Distribution License ("CDDL"), version 1.0.
4 # You may only use this file in accordance with the terms of version
5 # 1.0 of the CDDL.
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7 # A full copy of the text of the CDDL should have accompanied this
8 # source. A copy of the CDDL is also available via the Internet at
9 # http://www.illumos.org/license/CDDL.
10 #
11 #
12 #
13 # Copyright 2015 Alexander Pyhalov
14 #
15 #
16 set name=pkg.fmri value=pkg:/service/network/ssh-common@$(PKGVERS)
17 set name=pkg.description \
18   value="Provides SMF service for the Secure Shell (SSH) service which creates
19 set name=pkg.summary value="Secure Shell (SSH) service."
18   value="Provides configuration files and server support for the Secure Shell
19 set name=pkg.summary \
20   value="Secure Shell (SSH) service and configuration files"
20 set name=info.classification \
21   value=org.opensolaris.category.2008:System/Security
22 set name=org.opensolaris.noincorp value=true
23 #endif /* ! codereview */
24 set name=variant.arch value=$(ARCH)
25 dir path=etc group=sys
26 dir path=etc/ssh group=sys
27 dir path=lib
28 dir path=lib/svc
29 dir path=lib/svc/manifest group=sys
30 dir path=lib/svc/manifest/network group=sys
31 dir path=lib/svc/method
32 dir path=usr group=sys
33 dir path=usr/share/man
34 dir path=usr/share/man/man4
23 file path=etc/ssh/moduli.sunssh group=sys preserve=true
35 file path=etc/ssh/ssh_config group=sys \
36   original_name=network/ssh:etc/ssh/ssh_config preserve=true
37 file path=etc/ssh/sshd_config group=sys \
38   original_name=service/network/ssh:etc/ssh/sshd_config preserve=true
39 file path=lib/svc/manifest/network/ssh.xml group=sys mode=0444
40 file path=lib/svc/method/sshd mode=0555
30 file path=usr/share/man/man4/ssh_config.sunssh.4
31 file path=usr/share/man/man4/sshd_config.sunssh.4
41 license usr/src/cmd/ssh/THIRDPARTYLICENSE \
42   license=usr/src/cmd/ssh/THIRDPARTYLICENSE
34 link path=etc/ssh/moduli mediator=ssh mediator-implementation=sunssh \
35   target=moduli.sunssh
36 link path=usr/share/man/man4/ssh_config.4 mediator=ssh \
37   mediator-implementation=sunssh target=ssh_config.sunssh.4
38 link path=usr/share/man/man4/sshd_config.4 mediator=ssh \
39   mediator-implementation=sunssh target=sshd_config.sunssh.4
```

```

*****
1052 Tue Aug 16 20:42:49 2016
new/usr/src/pkg/manifests/service-network-ssh.mf
7293 Sun Secure Shell is neither
*****
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18 #
19 # CDDL HEADER END
20 #

22 #
23 # Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
24 #

26 set name=pkg.fmri value=pkg:/service/network/ssh@$(PKGVERS)
27 set name=pkg.obsolete value=true
28 set name=org.opensolaris.noincorp value=true
27 set name=pkg.description value="Secure Shell protocol Server"
28 set name=pkg.summary value="SSH Server"
29 set name=info.classification \
30     value=org.opensolaris.category.2008:System/Security
29 set name=variant.arch value=$(ARCH)
32 dir path=etc group=sys
33 dir path=etc/ssh group=sys
34 dir path=usr group=sys
35 dir path=usr/lib
36 dir path=usr/lib/ssh
37 dir path=usr/share/man
38 dir path=usr/share/man/man1m
39 dir path=usr/share/man/man4
40 file path=usr/lib/sunssh/sftp-server mode=0555
41 file path=usr/lib/sunssh/sshd mode=0555
42 file path=usr/share/man/man1m/sftp-server.sunssh.1m
43 file path=usr/share/man/man1m/sshd.sunssh.1m
44 legacy pkg=SUNWsshdr desc="Secure Shell protocol Server" \
45     name="SSH Server, (Root)"
46 legacy pkg=SUNWsshdu desc="Secure Shell protocol Server" \
47     name="SSH Server, (Usr)"
48 license usr/src/cmd/ssh/THIRDPARTYLICENSE \
49     license=usr/src/cmd/ssh/THIRDPARTYLICENSE
50 link path=usr/lib/ssh/sftp-server mediator=ssh mediator-implementation=sunssh \
51     target=../sunssh/sftp-server
52 link path=usr/lib/ssh/sshd mediator=ssh mediator-implementation=sunssh \
53     target=../sunssh/sshd
54 link path=usr/share/man/man1m/sftp-server.1m mediator=ssh \
55     mediator-implementation=sunssh target=sftp-server.sunssh.1m
56 link path=usr/share/man/man1m/sshd.1m mediator=ssh \
57     mediator-implementation=sunssh target=sshd.sunssh.1m
58 depend fmri=service/network/ssh-common type=require
59 depend fmri=text/locale type=require

```

new/usr/src/tools/findunref/exception_list.open

1

```
*****
7412 Tue Aug 16 20:42:50 2016
new/usr/src/tools/findunref/exception_list.open
7293 Sun Secure Shell is neither
*****
1 #
2 # CDDL HEADER START
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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 # Copyright 2014 Gary Mills
23 #
24 # Copyright (c) 2001, 2010, Oracle and/or its affiliates. All rights reserved.
25 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
26 #
27 #
28 # open-tree exception list
29 #
30 # See README.exception_lists for details
31 #
32 #
33 #
34 # Ignore oddly-named text files scattered about -- someday these should be
35 # suffixed with .txt so we don't have to list them.
36 #
37 ./usr/src/cmd/oawk/EXPLAIN
38 ./usr/src/cmd/vi/port/ex.news
39 ./usr/src/cmd/ssh/doc
40 #
41 # Ignore everything under trees that may be resynched from outside ON.
42 #
43 ./usr/src/cmd/perl
44 ./usr/src/cmd/sqlite
45 ./usr/src/lib/libsqlite
46 ./usr/src/cmd/tcpd
47 ./usr/src/grub
48 ./usr/src/uts/intel/sys/acpi
49 #
50 #
51 # Ignore ksh93/ast-related files that are only used to resync our build
52 # configuration with upstream.
53 #
54 ./usr/src/lib/libast/*/src/lib/libast/FEATURE
55 ./usr/src/lib/libast/*/src/lib/libast/ast_namval.h
56 ./usr/src/lib/libast/common/comp/conf.*
57 ./usr/src/lib/libast/common/features
58 ./usr/src/lib/libast/common/include/ast_windows.h
59 ./usr/src/lib/libast/common/port/lc.tab
60 ./usr/src/lib/libast/common/port/lcgen.c
```

new/usr/src/tools/findunref/exception_list.open

2

```
61 ./usr/src/lib/libcmd/*/src/lib/libcmd/FEATURE
62 ./usr/src/lib/libcmd/common/features
63 ./usr/src/lib/libdll/*/src/lib/libdll/FEATURE
64 ./usr/src/lib/libdll/common/features
65 ./usr/src/lib/libpp/*/*pp.*
66 ./usr/src/lib/libpp/common/gentab.sh
67 ./usr/src/lib/libpp/common/ppsym.c
68 ./usr/src/lib/libpp/i386/ppdebug.h
69 ./usr/src/lib/libpp/sparc/ppdebug.h
70 ./usr/src/lib/libshell/*/src/cmd/ksh93/FEATURE
71 ./usr/src/lib/libshell/common/data/math.tab
72 ./usr/src/lib/libshell/common/features
73 ./usr/src/lib/libshell/misc/buildksh93.sh
74 ./usr/src/lib/libshell/misc/buildksh93.readme
75 #
76 #
77 # Ignore ksh93/ast-related "iffe" (if feature enabled) probe
78 #
79 ./usr/src/lib/libsum/common/features/sum
80 #
81 #
82 # Ignore ksh93/ast-related upstream source, currently superseded by
83 # a per-platform version of sum.h, since we use libmd.so.1 for some
84 # ciphers.
85 #
86 ./usr/src/lib/libsum/common/sum.h
87 #
88 #
89 # Ignore ksh93/ast-related test programs.
90 #
91 ./usr/src/cmd/ast/msgcc/msgcc.tst
92 ./usr/src/lib/libast/common/port/astmath.c
93 #
94 #
95 # Ignore ksh93/ast-related source components that are not currently
96 # used but may be useful later.
97 #
98 ./usr/src/lib/libcmd/common/cksum.c
99 ./usr/src/lib/libcmd/common/md5sum.c
100 ./usr/src/lib/libcmd/common/sum.c
101 ./usr/src/lib/libshell/common/bltins/mksservice.c
102 ./usr/src/lib/libshell/common/data/bash_pre_rc.sh
103 ./usr/src/lib/libshell/common/include/env.h
104 ./usr/src/lib/libshell/common/sh/bash.c
105 ./usr/src/lib/libshell/common/sh/env.c
106 ./usr/src/lib/libshell/common/sh/shcomp.c
107 ./usr/src/lib/libshell/common/sh/suid_exec.c
108 #
109 #
110 # Ignore any files built as part of the nightly program itself.
111 #
112 # ISUSED - let checkpaths know that the next entry is good.
113 ./usr/src/*.out
114 # ISUSED - let checkpaths know that the next entry is good.
115 ./usr/src/*.ref
116 #
117 #
118 # Ignore internal test directories and test programs.
119 #
120 */tests
121 */test
122 *Test.java
123 *_test.[ch]
124 ./usr/src/cmd/ldap/common/*test.c
125 ./usr/src/cmd/logadm/tester
126 ./usr/src/cmd/print/printmgr/com/sun/admin/pm/client/helptools/extract
```

new/usr/src/tools/findunref/exception_list.open

3

```

127 ./usr/src/cmd/print/printmgr/com/sun/admin/pm/server/pmtest
128 ./usr/src/cmd/sendmail/libsm/t-*.c
129 ./usr/src/cmd/sort/common/convert.c
130 ./usr/src/cmd/sort/common/invoke.c
131 ./usr/src/lib/crypt_modules/sha256/test.c
132 ./usr/src/lib/efcode/fcode_test
133 ./usr/src/lib/libkvm/common/test.c
134 ./usr/src/lib/libsaveargs/tests/

136 #
137 # Ignore debugging code.
138 #
139 ./usr/src/cmd/fs.d/pcfs/fsck/inject.c
140 ./usr/src/cmd/sort/common/statistics.c

142 #
143 # Ignore internal packages, scripts, and tools that are intentionally not
144 # built or used during a nightly.
145 #
146 ./usr/src/cmd/sgs/packages
147 ./usr/src/cmd/sgs/rtld.4.x
148 ./usr/src/prototypes
149 ./usr/src/cmd/pools/poold/com/sun/solaris/*/*/package.html
150 ./usr/src/uts/intel/io/acpica/cmp_ca.sh

152 #
153 # Ignore files that are only used by internal packages.
154 #
155 ./usr/src/cmd/sgs/*/*/*chk.msg

157 #
158 # Ignore files that get used during a EXPORT_SRC or CRYPT_SRC build only.
159 #
160 ./usr/src/lib/gss_mechs/mech_dh/backend/mapfile-vers
161 ./usr/src/lib/gss_mechs/mech_dh/dh1024/mapfile-vers
162 ./usr/src/lib/gss_mechs/mech_dh/dh192/mapfile-vers
163 ./usr/src/lib/gss_mechs/mech_dh/dh640/mapfile-vers

165 #
166 # Ignore Makefiles which are used by developers but not used by nightly
167 # itself. This is a questionable practice, since they tend to rot.
168 #
169 ./usr/src/cmd/syslogd/sparcv9/Makefile
170 ./usr/src/uts/sparc/uhci/Makefile
171 ./usr/src/lib/pam_modules/smb/amd64/Makefile
172 ./usr/src/lib/pam_modules/smb/sparcv9/Makefile
173 ./usr/src/cmd/isns/isnsd/xml_def/isnsmgmtSchema.xsd

175 #
176 # Ignore dtrace scripts only used by developers
177 #
178 ./usr/src/cmd/vscan/vscand/vscan.d

180 #
181 # Ignore sample source code.
182 #
183 ./usr/src/cmd/sendmail/libmilter/example.c

185 #
186 # Ignore .xcl files that aren't used because the program is statically linked.
187 #
188 ./usr/src/cmd/cmd-inet/sbin/dhcpagent/dhcpagent.xcl

190 #
191 # Ignore sendmail files included for completeness' sake, but which won't
192 # be used until certain _FFR (for future release) #define's go live.

```

new/usr/src/tools/findunref/exception_list.open

4

```

193 #
194 ./usr/src/cmd/sendmail/src/statusd_shm.h

196 #
197 # Ignore files originally supplied by ISC (Internet Software Consortium)
198 # as part of a BIND release.
199 #
200 ./usr/src/lib/libresolv2/common/irs/getaddrinfo.c
201 ./usr/src/lib/libresolv2/common/irs/nis_p.h
202 ./usr/src/lib/libresolv2/common/resolv/res_mkupdate.h
203 ./usr/src/lib/libresolv2/include/err.h

205 #
206 # Ignore mont_mulf.c. It is used as a starting point for some hand optimized
207 # assembly files. We keep it around for future reference.
208 #
209 ./usr/src/common/bignum/mont_mulf.c

211 #
212 # Ignore the sparc Makefiles for x86-only drivers;
213 # they're used to build warlock only.
214 #
215 ./usr/src/uts/sparc/sata/Makefile
216 ./usr/src/uts/sparc/si3124/Makefile
217 ./usr/src/uts/sparc/nv_sata/Makefile
218 ./usr/src/uts/sparc/ahci/Makefile

220 #
221 # Ignore uttrack.c. It is provided as part of the standard
222 # ACPI CA source code but provides optional resource tracking
223 # functionality which is not used.
224 #
225 ./usr/src/uts/intel/io/acpica/utilities/uttrack.c

227 #
228 # Ignore any files that get used during a gcc build only.
229 #
230 ./usr/src/cmd/sgs/rtld/common/mapfile-order-gcc

232 #
233 # The sharemgr command is built 32-bit only by default, but support
234 # for building 64-bit is latent in the Makefiles.
235 #
236 ./usr/src/cmd/dfs.cmds/sharemgr/amd64/Makefile
237 ./usr/src/cmd/dfs.cmds/sharemgr/sparcv9/Makefile

239 #
240 # Legitimately unreferenced license/copying files. Please include
241 # explanatory comments when adding items here.
242 #

244 #
245 # OPENSOLARIS.LICENSE needs to remain in usr/src as long as it is
246 # referenced in the CDDL headers.
247 #
248 ./usr/src/OPENSOLARIS.LICENSE

251 # Though "COPYING" is usually used as a filename for GPL, the license
252 # information for openssl is actually found in usr/src/cmd/ssh/doc/LICENSE.
253 # The COPYING.Ylonen file is merely additional information.
254 #
255 ./usr/src/cmd/ssh/doc/COPYING.Ylonen

250 #
251 # This covers header files that are not delivered.
252 #

```

new/usr/src/tools/findunref/exception_list.open

5

```
253 ./usr/src/uts/common/xen/public/COPYING
255 #
256 # ld tests which are not currently delivered
257 #
258 ./usr/src/cmd/sgs/test
259 ./usr/src/cmd/mdb/test
```