

## new/exception\_lists/packaging

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28539 Wed Aug 26 12:26:43 2015

## new/exception\_lists/packaging

6117 Many small bugs prevent a clean build on SPARC

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28 #
29 #
30 #
31 # Exception List for validate_pkg
32 #
33 #
34 #
35 # The following entries are built in the /proto area
36 # but not included in any packages - this is intentional.
37 #
38 usr/include/auth_list.h
39 usr/include/bsm/audit_door_infc.h
40 usr/include/bsm/audit_private.h
41 usr/include/bsm/devalloc.h
42 usr/include/getxby_door.h
43 usr/include/passwdutil.h
44 usr/include/priv_utils.h
45 usr/include/rpcsvc/daemon_utils.h
46 usr/include/rpcsvc/svc_dg_priv.h
47 usr/include/security/pam_impl.h
48 usr/include/sys/clock_impl.h
49 usr/include/sys/winlockio.h
50 usr/include/scsi/plugins/ses/vendor/sun_impl.h
51 #
52 # Private/Internal libraries of the Cryptographic Framework.
53 #
54 lib/libkcf.so
55 lib/libl1lib-lelfsign
56 lib/libl1lib-lelfsign.ln
57 lib/libl1lib-lkcf
58 lib/libl1lib-lkcf.ln
59 usr/include/libelfsign.h
60 usr/lib/libl1lib-lsoftcrypto
61 usr/lib/libl1lib-lsoftcrypto.ln

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62 usr/lib/amd64/libl1lib-lsoftcrypto.ln      i386
63 usr/lib/sparcv9/libl1lib-lsoftcrypto.ln    sparc
64 #
65 #
66 # The following files are used by the DHCP service, the
67 # standalone's DHCP implementation, and the kernel (nfs_dlboot).
68 # They contain interfaces which are currently private.
69 #
70 usr/include/dhcp_symbol.h
71 usr/include/sys/sunos_dhcp_class.h
72 #
73 # Private MAC driver header files
74 #
75 usr/include/inet/iptun.h
76 usr/include/sys/aggr_impl.h
77 usr/include/sys/aggr.h
78 usr/include/sys/dld_impl.h
79 usr/include/sys/dld_ioc.h
80 usr/include/sys/dls_impl.h
81 usr/include/sys/dls.h
82 usr/include/sys/mac_client_impl.h
83 usr/include/sys/mac_client.h
84 usr/include/sys/mac_flow_impl.h
85 usr/include/sys/mac_impl.h
86 usr/include/sys/mac_soft_ring.h
87 usr/include/sys/mac_stat.h
88 #
89 # Private GLDv3 userland libraries and headers
90 #
91 usr/include/libdldm_impl.h
92 usr/include/libdlaggr.h
93 usr/include/libdlether.h
94 usr/include/libdlflow_impl.h
95 usr/include/libdlflow.h
96 usr/include/libdliptun.h
97 usr/include/libdlmgmt.h
98 usr/include/libdlsim.h
99 usr/include/libdlstat.h
100 usr/include/libdlvnic.h
101 usr/include/libdlwlan_impl.h
102 usr/include/libdlwlan.h
103 #
104 # Virtual Network Interface Card (VNIC)
105 #
106 usr/include/sys/vnic.h
107 usr/include/sys/vnic_impl.h
108 #
109 # Private libipadm lint library and header files
110 #
111 usr/include/ipadm_ipmgmt.h
112 usr/include/ipadm_ndpd.h
113 usr/include/libipadm.h
114 lib/libl1lib-lipadm
115 lib/libl1lib-lipadm.ln
116 lib/libipadm.so
117 #
118 # Private libsocket header file
119 #
120 usr/include/libsocket_priv.h
121 #
122 # IKE and IPsec support library exceptions. The IKE support
123 # library contains exclusively private interfaces, as does
124 # libipsecutil. My apologies for the glut of header files here.
125 #
126 usr/include/errfp.h
127 usr/include/ikedoor.h

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128 usr/include/ipsec_util.h
129 usr/lib/libike.so
130 usr/lib/amd64/libike.so          i386
131 usr/lib/sparcv9/libike.so       sparc
132 usr/lib/libipsecutil.so
133 usr/lib/amd64/libipsecutil.so   i386
134 usr/lib/sparcv9/libipsecutil.so sparc
135 usr/lib/llib-like
136 usr/lib/llib-like.ln
137 usr/lib/amd64/llib-like.ln     i386
138 usr/lib/sparcv9/llib-like.ln   sparc
139 usr/lib/llib-lipsecutil
140 usr/lib/llib-lipsecutil.ln
141 usr/lib/amd64/llib-lipsecutil.ln i386
142 usr/lib/sparcv9/llib-lipsecutil.ln sparc
143 #
144 usr/include/inet/ip_impl.h
145 usr/include/inet/ip_ndp.h
146 usr/include/inet/ip2mac_impl.h
147 usr/include/inet/ip2mac.h
148 usr/include/inet/rawip_impl.h
149 usr/include/inet/tcp_impl.h
150 usr/include/inet/udp_impl.h
151 usr/include/libmail.h
152 usr/include/libnwm_priv.h
153 usr/include/protocols/ripngd.h
154 usr/include/s_string.h
155 usr/include/sys/logindmux_impl.h
156 usr/include/sys/vgareg.h
157 #
158 # Some IPsec headers can't be shipped lest we hit export controls...
159 #
160 usr/include/inet/ipsec_impl.h
161 usr/include/inet/ipsec_info.h
162 usr/include/inet/ipsecah.h
163 usr/include/inet/ipsecesp.h
164 usr/include/inet/keysock.h
165 usr/include/inet/sadb.h
166 usr/include/sys/sha1_consts.h
167 usr/include/sys/sha2_consts.h
168 #
169 #
170 # Filtering out directories not shipped
171 #
172 usr/4lib          i386
173 #
174 # These files contain definitions shared privately between the kernel
175 # and libc. There is no reason for them to be part of a package that
176 # a customer should ever see. They are installed in the proto area by
177 # the uts build because libc and other components, like truss, are
178 # dependent upon their contents and should not have their own copies.
179 #
180 usr/include/sys/libc_kernel.h
181 usr/include/sys/synch32.h
182 #
183 # These files are installed in the proto area by the build of libproc for
184 # the benefit of the builds of cmd/truss, cmd/gcore and cmd/ptools, which
185 # use libproc as their common process-control library. These are not
186 # interfaces for customer use, so the files are excluded from packaging.
187 #
188 lib/llib-lproc
189 lib/llib-lproc.ln
190 lib/amd64/llib-lproc.ln          i386
191 lib/sparcv9/llib-lproc.ln       sparc
192 usr/include/libproc.h
193 #

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194 # Private interfaces for libdisasm
195 #
196 usr/include/libdisasm.h
197 usr/lib/llib-ldisasm
198 usr/lib/llib-ldisasm.ln
199 usr/lib/amd64/llib-ldisasm.ln   i386
200 usr/lib/sparcv9/llib-ldisasm.ln sparc
201 #
202 # Private interfaces for libraidcfg
203 #
204 usr/include/raidcfg_spi.h
205 usr/include/raidcfg.h
206 usr/lib/libraidcfg.so
207 usr/lib/amd64/libraidcfg.so      i386
208 usr/lib/sparcv9/libraidcfg.so    sparc
209 usr/lib/llib-lraidcfg
210 usr/lib/llib-lraidcfg.ln
211 usr/lib/amd64/llib-lraidcfg.ln   i386
212 usr/lib/sparcv9/llib-lraidcfg.ln sparc
213 #
214 # This file is used for private communication between mdb, drv/kmdb, and
215 # misc/kmdb. The interfaces described herein are not intended for customer
216 # use, and are thus excluded from packaging.
217 #
218 usr/include/sys/kmdb.h
219 #
220 # These files are installed in the proto area by the build of libdhcpgent
221 # and libdhcputil for the benefit of DHCP-related networking commands such
222 # as dhcpgent, dhcpcinfo, ifconfig, and netstat. These are not interfaces
223 # for customer use, so the files are excluded from packaging.
224 #
225 lib/libdhcpgent.so
226 lib/libdhcputil.so
227 lib/amd64/libdhcputil.so          i386
228 lib/sparcv9/libdhcputil.so       sparc
229 lib/llib-ldhcpgent
230 lib/llib-ldhcpgent.ln
231 lib/llib-ldhcputil
232 lib/llib-ldhcputil.ln
233 lib/amd64/llib-ldhcputil.ln      i386
234 lib/sparcv9/llib-ldhcputil.ln    sparc
235 usr/include/dhcp_hostconf.h
236 usr/include/dhcp_impl.h
237 usr/include/dhcp_inittab.h
238 usr/include/dhcp_stable.h
239 usr/include/dhcp_symbol_common.h
240 usr/include/dhcpgent_ipc.h
241 usr/include/dhcpgent_util.h
242 usr/include/dhcpmsg.h
243 usr/lib/libdhcpgent.so
244 usr/lib/libdhcputil.so
245 usr/lib/amd64/libdhcputil.so      i386
246 usr/lib/sparcv9/libdhcputil.so    sparc
247 usr/lib/llib-ldhcpgent
248 usr/lib/llib-ldhcpgent.ln
249 usr/lib/llib-ldhcputil
250 usr/lib/llib-ldhcputil.ln
251 usr/lib/amd64/llib-ldhcputil.ln   i386
252 usr/lib/sparcv9/llib-ldhcputil.ln sparc
253 #
254 # These files are installed in the proto area by the build of libinstzones
255 # and libpkg
256 #
257 usr/lib/llib-linstzones
258 usr/lib/llib-linstzones.ln
259 usr/lib/amd64/llib-linstzones.ln  i386

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260 usr/lib/sparcv9/llib-linstzones.ln      sparc
261 usr/lib/llib-lpkg
262 usr/lib/llib-lpkg.ln
263 #
264 # Don't ship header files private to libipmp and in.mpathd
265 #
266 usr/include/ipmp_query_impl.h
267 #
268 # These files are installed in the proto area by the build of libinetsvc,
269 # an inetd-specific library shared by inetd, inetadm and inetconv. Only
270 # the shared object is shipped.
271 #
272 usr/include/inetsvc.h
273 usr/lib/libinetsvc.so
274 usr/lib/llib-linetsvc
275 usr/lib/llib-linetsvc.ln
276 #
277 # These files are installed in the proto area by the build of libinetutil,
278 # a general purpose library for the benefit of internet utilities. Only
279 # the shared object is shipped.
280 #
281 lib/libinetutil.so
282 lib/amd64/libinetutil.so                  i386
283 lib/sparcv9/libinetutil.so                sparc
284 lib/llib-linetutil
285 lib/llib-linetutil.ln
286 lib/amd64/llib-linetutil.ln              i386
287 lib/sparcv9/llib-linetutil.ln            sparc
288 usr/include/libinetutil.h
289 usr/include/netinet/inetutil.h
290 usr/include/ofmt.h
291 usr/lib/libinetutil.so
292 usr/lib/amd64/libinetutil.so              i386
293 usr/lib/sparcv9/libinetutil.so            sparc
294 usr/lib/llib-linetutil
295 usr/lib/llib-linetutil.ln
296 usr/lib/amd64/llib-linetutil.ln          i386
297 usr/lib/sparcv9/llib-linetutil.ln        sparc
298 #
299 # Miscellaneous kernel interfaces or kernel<->user interfaces that are
300 # consolidation private and we do not want to export at this time.
301 #
302 usr/include/sys/cryptmod.h
303 usr/include/sys/dumpadm.h
304 usr/include/sys/ontrap.h
305 usr/include/sys/sysmsg_impl.h
306 usr/include/sys/vlan.h
307 #
308 # These files are installed in the proto area so lvm can use
309 # them during the build process.
310 #
311 lib/llib-lmeta
312 lib/llib-lmeta.ln
313 usr/include/sdssc.h
314 usr/lib/llib-lmeta
315 usr/lib/llib-lmeta.ln
316 #
317 # non-public pci header
318 #
319 usr/include/sys/pci_impl.h
320 usr/include/sys/pci_tools.h
321 #
322 # Exception list for RCM project, included by librcm and rcm_daemon
323 #
324 usr/include/librcm_event.h
325 usr/include/librcm_impl.h

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```

326 #
327 # MDB deliverables that are not yet public
328 #
329 usr/lib/mdb/proc/mdb_test.so
330 usr/lib/mdb/proc/sparcv9/mdb_test.so      sparc
331 #
332 # SNCA project exception list
333 #
334 usr/include/inet/kssl/kssl.h
335 usr/include/inet/kssl/ksslimpl.h
336 usr/include/inet/kssl/ksslproto.h
337 usr/include/inet/nca
338 #
339 # these are "removed" from the source product build because the only
340 # packages that currently deliver them are removed.
341 # they really should't be in here.
342 #
343 etc/sfw
344 #
345 # Entries for the libmech_krb5 symlink, which has been included
346 # for build purposes only, not delivered to customers.
347 #
348 usr/lib/gss/libmech_krb5.so
349 usr/lib/amd64/gss/libmech_krb5.so          i386
350 usr/lib/sparcv9/gss/libmech_krb5.so        sparc
351 usr/lib/libmech_krb5.so
352 usr/lib/amd64/libmech_krb5.so              i386
353 usr/lib/sparcv9/libmech_krb5.so            sparc
354 #
355 # Entries for headers from efcode project which user does not need to see
356 #
357 usr/platform/sun4u/include/sys/fc_plat.h      sparc
358 usr/platform/sun4u/include/sys/fcode.h        sparc
359 #
360 # Private net80211 headers
361 #
362 usr/include/sys/net80211_crypto.h
363 usr/include/sys/net80211_ht.h
364 usr/include/sys/net80211_proto.h
365 usr/include/sys/net80211.h
366 #
367 usr/include/net/wpa.h
368 #
369 # PPPoE files not delivered to customers.
370 #
371 usr/include/net/pppoe.h
372 usr/include/net/spptun.h
373 #
374 # Simnet
375 #
376 usr/include/net/simnet.h
377 #
378 # Bridging internal data structures
379 #
380 usr/include/net/bridge_impl.h
381 #
382 # User<->kernel interface used by cfgadm/USB only
383 #
384 usr/include/sys/usb/hubd/hubd_impl.h
385 #
386 # User<->kernel interface used by cfgadm/SATA only
387 #
388 usr/include/sys/sata/sata_cfgadm.h          i386
389 #
390 # Private ucred kernel header
391 #

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```

392 usr/include/sys/ucred.h
393 #
394 # Private and/or platform-specific smf(5) files
395 #
396 lib/librestart.so
397 lib/llib-lrestart
398 lib/llib-lrestart.ln
399 lib/amd64/llib-lrestart.ln
400 lib/sparcv9/llib-lrestart.ln
401 usr/include/libcontract_priv.h
402 usr/include/librestart_priv.h
403 usr/include/librestart.h
404 usr/lib/librestart.so
405 usr/lib/sparcv9/librestart.so
406 lib/svc/manifest/platform/sun4u
407 lib/svc/manifest/platform/sun4v
408 var/svc/manifest/platform/sun4u
409 var/svc/manifest/platform/sun4v
410 etc/svc/profile/platform_sun4v.xml
411 etc/svc/profile/platform_SUNW,SPARC-Enterprise.xml
412 etc/svc/profile/platform_SUNW,Sun-Fire-15000.xml
413 etc/svc/profile/platform_SUNW,Sun-Fire-880.xml
414 etc/svc/profile/platform_SUNW,Sun-Fire-V890.xml
415 etc/svc/profile/platform_SUNW,Sun-Fire.xml
416 etc/svc/profile/platform_SUNW,Ultra-Enterprise-10000.xml
417 etc/svc/profile/platform_SUNW,UltraSPARC-IIe-NetraCT-40.xml
418 etc/svc/profile/platform_SUNW,UltraSPARC-IIe-NetraCT-60.xml
419 etc/svc/profile/platform_SUNW,UltraSPARC-III-NetraCT.xml
420 #
421 # Private libuutil files
422 #
423 lib/libuutil.so
424 lib/llib-luutil
425 lib/llib-luutil.ln
426 lib/sparcv9/llib-luutil.ln
427 usr/include/libuutil_impl.h
428 usr/lib/libuutil.so
429 usr/lib/sparcv9/libuutil.so
430 #
431 # Private Multidata file.
432 #
433 usr/include/sys/multidata_impl.h
434 #
435 # The following files are used by wanboot.
436 # They contain interfaces which are currently private.
437 #
438 usr/include/sys/wanboot_impl.h
439 usr/include/wanboot
440 usr/include/wanbootutil.h
441 #
442 # Even though all the objects built under usr/src/stand are later glommed
443 # together into a couple of second-stage boot loaders, we dump the static
444 # archives and lint libraries into $(ROOT)/stand for intermediate use
445 # (e.g., for lint, linking the second-stage boot loaders, ...). Since
446 # these are merely intermediate objects, they do not need to be packaged.
447 #
448 stand
449 #
450 # Private KCF header files
451 #
452 usr/include/sys/crypto/elfsign.h
453 usr/include/sys/crypto/impl.h
454 usr/include/sys/crypto/ops_impl.h
455 usr/include/sys/crypto/sched_impl.h
456 #
457 # The following files are installed in the proto area

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458 # by the build of libavl (AVL Tree Interface Library).
459 # libavl contains interfaces which are all private interfaces.
460 #
461 lib/libavl.so
462 lib/amd64/libavl.so
463 lib/sparcv9/libavl.so
464 lib/llib-lavl
465 lib/llib-lavl.ln
466 lib/amd64/llib-lavl.ln
467 lib/sparcv9/llib-lavl.ln
468 usr/lib/libavl.so
469 usr/lib/amd64/libavl.so
470 usr/lib/sparcv9/libavl.so
471 usr/lib/llib-lavl
472 usr/lib/llib-lavl.ln
473 usr/lib/amd64/llib-lavl.ln
474 usr/lib/sparcv9/llib-lavl.ln
475 #
476 # The following files are installed in the proto area
477 # by the build of libcmdutils (Command Utilities Library).
478 # libcmdutils contains interfaces which are all private interfaces.
479 #
480 lib/libcmdutils.so
481 lib/amd64/libcmdutils.so
482 lib/sparcv9/libcmdutils.so
483 lib/llib-lcmdutils
484 lib/llib-lcmdutils.ln
485 lib/amd64/llib-lcmdutils.ln
486 lib/sparcv9/llib-lcmdutils.ln
487 usr/include/libcmdutils.h
488 usr/lib/libcmdutils.so
489 usr/lib/amd64/libcmdutils.so
490 usr/lib/sparcv9/libcmdutils.so
491 usr/lib/llib-lcmdutils
492 usr/lib/llib-lcmdutils.ln
493 usr/lib/amd64/llib-lcmdutils.ln
494 usr/lib/sparcv9/llib-lcmdutils.ln
495 #
496 # Private interfaces in libsec
497 #
498 usr/include/aclutils.h
499 #
500 # USB skeleton driver stays in sync with the rest of USB but doesn't ship.
501 #
502 kernel/drv/usbskel
503 kernel/drv/amd64/usbskel
504 kernel/drv/sparcv9/usbskel
505 kernel/drv/usbskel.conf
506 #
507 # Consolidation and Sun private libdevid interfaces
508 # Public libdevid interfaces provided by devid.h
509 #
510 usr/include/sys/libdevid.h
511 #
512 # The following files are installed in the proto area by the build of
513 # libprtdiag. libprtdiag contains interfaces which are all private.
514 # Only the shared object is shipped.
515 #
516 usr/platform/sun4u/lib/llib-lprtdiag
517 usr/platform/sun4u/lib/llib-lprtdiag.ln
518 usr/platform/sun4v/lib/llib-lprtdiag.ln
519 #
520 # The following files are installed in the proto area by the build of
521 # mdesc driver in sun4v. These header files are used on in the build
522 # and do not need to be shipped to customers.
523 #

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524 usr/include/sys/mdesc.h          sparc
525 usr/include/sys/mdesc_impl.h      sparc
526 usr/platform/sun4v/include/sys/mach_descrip.h  sparc
527 #
528 # The following files are installed in the proto area by the build of
529 # libpcp. libpcp contains interfaces which are all private.
530 # Only the shared object is shipped.
531 #
532 usr/platform/sun4v/lib/llib-lpcp.ln      sparc
533 usr/platform/SUNW,Netra-CP3060/lib/llib-lpcp.ln      sparc
534 usr/platform/SUNW,Netra-CP3260/lib/llib-lpcp.ln      sparc
535 usr/platform/SUNW,Netra-T5220/lib/llib-lpcp.ln      sparc
536 usr/platform/SUNW,Netra-T5440/lib/llib-lpcp.ln      sparc
537 usr/platform/SUNW,SPARC-Enterprise-T5120/lib/llib-lpcp.ln      sparc
538 usr/platform/SUNW,Sun-Blade-T6300/lib/llib-lpcp.ln      sparc
539 usr/platform/SUNW,Sun-Blade-T6320/lib/llib-lpcp.ln      sparc
540 usr/platform/SUNW,Sun-Fire-T200/lib/llib-lpcp.ln      sparc
541 usr/platform/SUNW,T5140/lib/llib-lpcp.ln      sparc
542 usr/platform/SUNW,USBRDT-5240/lib/llib-lpcp.ln      sparc
543 #
544 # ZFS internal tools and lint libraries
545 #
546 usr/lib/llib-lzfs_jni
547 usr/lib/llib-lzfs_jni.ln
548 usr/lib/amd64/llib-lzfs_jni.ln      i386
549 usr/lib/sparcv9/llib-lzfs_jni.ln      sparc
550 usr/lib/llib-lzpool
551 usr/lib/llib-lzpool.ln      i386
552 usr/lib/amd64/llib-lzpool.ln      i386
553 usr/lib/sparcv9/llib-lzpool.ln      sparc
554 #
555 # ZFS JNI headers
556 #
557 usr/include/libzfs_jni_dataset.h
558 usr/include/libzfs_jni_disk.h
559 usr/include/libzfs_jni_diskmgt.h
560 usr/include/libzfs_jni_ipool.h
561 usr/include/libzfs_jni_main.h
562 usr/include/libzfs_jni_pool.h
563 usr/include/libzfs_jni_property.h
564 usr/include/libzfs_jni_util.h
565 #
566 # These files are installed in the proto area for Solaris scsi_vhci driver
567 # (for MPAPI support) and should not be shipped
568 #
569 usr/include/sys/scsi/adapters/mpapi_impl.h
570 usr/include/sys/scsi/adapters/mpapi_scsi_vhci.h
571 #
572 # This library is installed in the proto area by the build of libdisasm, and is
573 # only used when building the KMDB disasm module.
574 #
575 usr/lib/libstanddisasm.so
576 usr/lib/amd64/libstanddisasm.so      i386
577 usr/lib/sparcv9/libstanddisasm.so      sparc
578 #
579 # TSol: tsol doesn't ship lint source, and tsnet isn't for customers at all.
580 #
581 lib/libtsnet.so
582 usr/lib/llib-ltsnet
583 usr/lib/llib-ltsol
584 #
585 # nss interfaces shared between libnsl and other ON libraries.
586 #
587 usr/include/nss.h
588 #
589 # AT&T AST (ksh93) files which are currently needed only to build OS/Net

```

## new/exception\_lists/packaging

10

```

590 # (msgcc&co.)
591 # libast
592 usr/lib/libast.so
593 usr/lib/amd64/libast.so      i386
594 usr/lib/sparcv9/libast.so      sparc
595 usr/lib/llib-last
596 usr/lib/llib-last.ln
597 usr/lib/amd64/llib-last.ln      i386
598 usr/lib/sparcv9/llib-last.ln      sparc
599 # libcmd
600 usr/lib/llib-lcmd
601 usr/lib/llib-lcmd.ln
602 usr/lib/amd64/llib-lcmd.ln      i386
603 usr/lib/sparcv9/llib-lcmd.ln      sparc
604 # libdll
605 usr/lib/libdll.so
606 usr/lib/amd64/libdll.so      i386
607 usr/lib/sparcv9/libdll.so      sparc
608 usr/lib/llib-ldll
609 usr/lib/llib-ldll.ln
610 usr/lib/amd64/llib-ldll.ln      i386
611 usr/lib/sparcv9/llib-ldll.ln      sparc
612 # libpp (a helper library needed by AST's msgcc)
613 usr/lib/libpp.so
614 usr/lib/llib-lpp
615 usr/lib/llib-lpp.ln
616 usr/lib/locale/C/LC_MESSAGES/libpp
617 # libshell
618 usr/lib/libshell.so
619 usr/lib/amd64/libshell.so      i386
620 usr/lib/sparcv9/libshell.so      sparc
621 usr/lib/llib-lshell
622 usr/lib/llib-lshell.ln
623 usr/lib/amd64/llib-lshell.ln      i386
624 usr/lib/sparcv9/llib-lshell.ln      sparc
625 # libsum
626 usr/lib/libsum.so
627 usr/lib/amd64/libsum.so      i386
628 usr/lib/sparcv9/libsum.so      sparc
629 usr/lib/llib-lsum
630 usr/lib/llib-lsum.ln
631 usr/lib/amd64/llib-lsum.ln      i386
632 usr/lib/sparcv9/llib-lsum.ln      sparc
633 #
634 # This file is used in ON to build DSCP clients. It is not for customers.
635 #
636 usr/include/libdscp.h          sparc
637 #
638 # These files are used by the iSCSI Target and the iSCSI Initiator
639 #
640 usr/include/sys/iscsi_protocol.h
641 usr/include/sys/iscsi_authclient.h
642 usr/include/sys/iscsi_authclientglue.h
643 #
644 # These files are used by the COMSTAR iSCSI target port provider
645 #
646 usr/include/sys/idm
647 usr/include/sys/iscsit/chap.h
648 usr/include/sys/iscsit/iscsi_if.h
649 usr/include/sys/iscsit/isns_protocol.h
650 usr/include/sys/iscsit/radius_packet.h
651 usr/include/sys/iscsit/radius_protocol.h
652 #
653 # libshare is private and the 64-bit sharemgr is not delivered.
654 #
655 usr/lib/libshare.so

```

## new/exception\_lists/packaging

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```

656 usr/lib/amd64/libshare.so          i386
657 usr/lib/sparcv9/libshare.so        sparc
658 usr/lib/fs/autofs/libshare_autofs.so
659 usr/lib/fs/autofs/amd64/libshare_autofs.so    i386
660 usr/lib/fs/autofs/sparcv9/libshare_autofs.so    sparc
661 usr/lib/fs/nfs/libshare_nfs.so
662 usr/lib/fs/nfs/amd64/libshare_nfs.so          i386
663 usr/lib/fs/nfs/sparcv9/libshare_nfs.so        sparc
664 usr/lib/fs/smb/libshare_smb.so
665 usr/lib/fs/smb/amd64/libshare_smb.so          i386
666 usr/lib/fs/smb/sparcv9/libshare_smb.so        sparc
667 usr/lib/fs/smbfs/libshare_smbfs.so
668 usr/lib/fs/smbfs/amd64/libshare_smbfs.so      i386
669 usr/lib/fs/smbfs/sparcv9/libshare_smbfs.so    sparc
670 usr/include/libshare_impl.h
671 usr/include/scfutil.h
672 #
673 # These files are installed in the proto area by the build of libpri for
674 # the benefit of the builds of FMA libldom, Zeus, picld plugins, and/or
675 # other libpri consumers. However, the libpri interfaces are private to
676 # Sun (Consolidation Private) and not intended for customer use. So these
677 # files (the symlink and the lint library) are excluded from packaging.
678 #
679 usr/lib/libpri.so                    sparc
680 usr/lib/llib-lpri                  sparc
681 usr/lib/llib-lpri.ln               sparc
682 usr/lib/sparcv9/libpri.so           sparc
683 usr/lib/sparcv9/llib-lpri.ln       sparc
684 #
685 # These files are installed in the proto area by the build of libds for
686 # the benefit of the builds of sun4v I/O FMA and/or other libds
687 # consumers. However, the libds interfaces are private to Sun
688 # (Consolidation Private) and not intended for customer use. So these
689 # files (the symlink and the lint library) are excluded from packaging.
690 #
691 usr/lib/libds.so                    sparc
692 usr/lib/sparcv9/libds.so            sparc
693 usr/lib/llib-lds                   sparc
694 usr/lib/llib-lds.ln                sparc
695 usr/lib/sparcv9/llib-lds.ln        sparc
696 usr/lib/libdscfg.so
697 usr/lib/llib-ldscfg.ln
698 usr/platform/sun4v/include/sys/libds.h    sparc
699 usr/platform/sun4v/include/sys/vlds.h    sparc
700 #
701 # Private/Internal u8_textprep header file. Do not ship.
702 #
703 usr/include/sys/u8_textprep_data.h
704 #
705 # SQLite is private, used by SMF (svc.configd), idmapd and libsmb.
706 #
707 usr/include/sqlite-sys
708 lib/libsqlite-native.o
709 lib/libsqlite-sys.so
710 lib/llib-lsqlite-sys
711 lib/llib-lsqlite-sys.ln
712 #
713 # Private/Internal kiconv header files. Do not ship.
714 #
715 usr/include/sys/kiconv_big5_utf8.h
716 usr/include/sys/kiconv_ck_common.h
717 usr/include/sys/kiconv_cp950hkscs_utf8.h
718 usr/include/sys/kiconv_emea1.h
719 usr/include/sys/kiconv_emea2.h
720 usr/include/sys/kiconv_euckr_utf8.h
721 usr/include/sys/kiconv_euctw_utf8.h

```

## new/exception\_lists/packaging

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```

722 usr/include/sys/kiconv_gb18030_utf8.h
723 usr/include/sys/kiconv_gb2312_utf8.h
724 usr/include/sys/kiconv_hkscs_utf8.h
725 usr/include/sys/kiconv_ja_jis_to_unicode.h
726 usr/include/sys/kiconv_ja_unicode_to_jis.h
727 usr/include/sys/kiconv_ja.h
728 usr/include/sys/kiconv_ko.h
729 usr/include/sys/kiconv_latin1.h
730 usr/include/sys/kiconv_sc.h
731 usr/include/sys/kiconv_tc.h
732 usr/include/sys/kiconv_uhc_utf8.h
733 usr/include/sys/kiconv_utf8_big5.h
734 usr/include/sys/kiconv_utf8_cp950hkscs.h
735 usr/include/sys/kiconv_utf8_euckr.h
736 usr/include/sys/kiconv_utf8_euctw.h
737 usr/include/sys/kiconv_utf8_gb18030.h
738 usr/include/sys/kiconv_utf8_gb2312.h
739 usr/include/sys/kiconv_utf8_hkscs.h
740 usr/include/sys/kiconv_utf8_uhc.h
741 #
742 # At this time, the ttydefs.cleanup file is only useful on sun4u systems
743 #
744 etc/flash/postdeployment/ttydefs.cleanup          i386
745 #
746 # This header file is shared only between the power commands and
747 # ppm/srn modules # and should not be in any package
748 #
749 usr/include/sys/srn.h
750 #
751 # Private/Internal header files of smbsrv. Do not ship.
752 #
753 usr/include/smb
754 usr/include/smbsrv
755 #
756 # Private/Internal libraries for smbsrv in user space
757 #
758 usr/include/libfakekernel
759 usr/lib/libfakekernel.so
760 usr/lib/libfakekernel.so.1
761 usr/lib/llib-lfakekernel
762 usr/lib/llib-lfakekernel.ln
763 usr/lib/amd64/llib-lfakekernel.ln          i386
764 usr/lib/sparcv9/llib-lfakekernel.ln        sparc
765 usr/lib/amd64/libfakekernel.so              i386
766 usr/lib/amd64/libfakekernel.so.1            i386
767 usr/lib/sparcv9/libfakekernel.so            sparc
768 usr/lib/sparcv9/libfakekernel.so.1          sparc
769 #
770 # Private/Internal dtrace scripts of smbsrv. Do not ship.
771 #
772 usr/lib/smbsrv/dtrace
773 #
774 # Private/Internal libraries of smbsrv. Do not ship.
775 #
776 usr/lib/mdb/proc/libfksmbsrv.so          i386
777 usr/lib/mdb/proc/libfksmbsrv.so
778 usr/lib/mdb/proc/amd64/libfksmbsrv.so    i386
779 usr/lib/mdb/proc/sparcv9/libfksmbsrv.so  sparc
780 usr/lib/reparse/llib-lreparse_smb
781 usr/lib/reparse/llib-lreparse_smb.ln
782 usr/lib/smbsrv/bind-helper
783 usr/lib/smbsrv/libfksmbsrv.so
784 usr/lib/smbsrv/libfksmbsrv.so.1
785 usr/lib/smbsrv/llib-lfksmbsrv
786 usr/lib/smbsrv/llib-lfksmbsrv.ln

```

## new/exception\_lists/packaging

```

787 usr/lib/smbsrv/llib-lmlrpc
788 usr/lib/smbsrv/llib-lmlrpc.ln
789 usr/lib/smbsrv/llib-lmlsvc
790 usr/lib/smbsrv/llib-lmlsvc.ln
791 usr/lib/smbsrv/llib-lsmb
792 usr/lib/smbsrv/llib-lsmb.ln
793 usr/lib/smbsrv/llib-lsmbns
794 usr/lib/smbsrv/llib-lsmbns.ln
795 #
796 #
797 # Private/Internal 64-bit libraries of smbsrv. Do not ship.
798 #
799 usr/lib/smbsrv/amd64          i386
800 usr/lib/smbsrv/sparcv9       sparc

802 usr/lib/reparse/amd64/libreparse_smb.so      i386
803 usr/lib/reparse/amd64/libreparse_smb.so.1    i386
804 usr/lib/reparse/amd64/llib-lreparse_smb.ln  i386
805 usr/lib/reparse/sparcv9/libreparse_smb.so    sparc
806 usr/lib/reparse/sparcv9/libreparse_smb.so.1  sparc
807 usr/lib/reparse/sparcv9/llib-lreparse_smb.ln sparc
808 #
809 # Private dirent, extended to include flags, for use by SMB server
810 #
811 usr/include/sys/extdirent.h
812 #
813 # Private header files for vscan service
814 #
815 usr/include/libvscan.h
816 usr/include/sys/vscan.h
817 #
818 # libvscan is private
819 #
820 usr/lib/vscan/llib-lvscan
821 usr/lib/vscan/llib-lvscan.ln
822 #
823 # i86hvm is not a full platform. It is just a home for paravirtualized
824 # drivers. There is no usr/ component to this sub-platform, but the
825 # directory is created in the proto area to keep other tools happy.
826 #
827 usr/platform/i86hvm          i386
828 #
829 # Private sdcard framework headers
830 #
831 usr/include/sys/sdcard
832 #
833 # libsmbfs is private
834 #
835 usr/include/netmb
836 usr/lib/libsmmbfs.so          i386
837 usr/lib/amd64/libsmmbfs.so    sparc
838 usr/lib/sparcv9/libsmmbfs.so
839 usr/lib/llib-lsmmbfs
840 usr/lib/llib-lsmmbfs.ln
841 usr/lib/amd64/llib-lsmmbfs.ln i386
842 usr/lib/sparcv9/llib-lsmmbfs.ln sparc
843 #
844 # demo & test program for smbfs (private) ACL support
845 #
846 usr/lib/fs/smbfs/chacl
847 usr/lib/fs/smbfs/lsacl
848 opt/smbcl-tests
849 #
850 # FC related files
851 kernel/kmdb/fcip              i386
852 kernel/kmdb/amd64/fcip        i386

```

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## new/exception\_lists/packaging

```

853 kernel/kmdb/sparcv9/fcip      sparc
854 kernel/kmdb/fcp               i386
855 kernel/kmdb/amd64/fcp         i386
856 kernel/kmdb/sparcv9/fcp      sparc
857 kernel/kmdb/fctl              i386
858 kernel/kmdb/amd64/fctl        i386
859 kernel/kmdb/sparcv9/fctl      sparc
860 kernel/kmdb/qlc               i386
861 kernel/kmdb/amd64/qlc         i386
862 kernel/kmdb/sparcv9/qlc       sparc
863 lib/llib-la5k                 sparc
864 lib/llib-la5k.ln              sparc
865 lib/sparcv9/llib-la5k.ln      sparc
866 lib/llib-lg_fc                sparc
867 lib/llib-lg_fc.ln             sparc
868 lib/sparcv9/llib-lg_fc.ln     sparc
869 usr/include/a_state.h          sparc
870 usr/include/a5k.h              sparc
871 usr/include/exec.h             sparc
872 usr/include/g_scsi.h           sparc
873 usr/include/g_state.h          sparc
874 usr/include/gfc.h              sparc
875 usr/include/l_common.h         sparc
876 usr/include/l_error.h          sparc
877 usr/include/rom.h              sparc
878 usr/include/stgcom.h           sparc
879 usr/include/sys/fibre-channel
880 usr/lib/llib-LHBAAPI
881 usr/lib/llib-LHBAAPI.ln
882 usr/lib/amd64/llib-LHBAAPI.ln i386
883 usr/lib/sparcv9/llib-LHBAAPI.ln sparc
884 #
885 usr/bin/dscfgcli
886 usr/bin/sd_diag
887 usr/bin/sd_stats
888 usr/include/nsctl.h
889 usr/include/sys/ncall
890 usr/include/sys/nsc_ddi.h
891 usr/include/sys/nsc_thread.h
892 usr/include/sys/nsctl
893 usr/include/sys/nskernd.h
894 usr/include/sys/unistat
895 usr/lib/libnsctl.so
896 usr/lib/librdc.so
897 usr/lib/libunistat.so
898 usr/lib/llib-lnsctl.ln
899 usr/lib/llib-lrdc.ln
900 usr/lib/llib-lunistat.ln
901 #
902 # These files are used by the iSCSI initiator only.
903 # No reason to ship them.
904 #
905 usr/include/sys/scsi/adapters/iscsi_door.h
906 usr/include/sys/scsi/adapters/iscsi_if.h
907 #
908 # sbd ioctl hdr
909 #
910 usr/include/sys/stmf_sbd_ioctl.h
911 #
912 # proxy port provider interface
913 #
914 usr/include/sys/pppt_ic_if.h
915 usr/include/sys/pppt_ioctl.h
916 #
917 # proxy daemon lint library
918 #

```

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## new/exception\_lists/packaging

15

```

919 usr/lib/llib-lstmfproxy
920 usr/lib/llib-lstmfproxy.ln
921 usr/lib/amd64/llib-lstmfproxy.ln      i386
922 usr/lib/sparcv9/llib-lstmfproxy.ln    sparc
923 #
924 # portable object file and dictionary used by libfmd_msg test
925 #
926 usr/lib/fm/dict/TEST.dict
927 usr/lib/locale/C/LC_MESSAGES/TEST.mo
928 usr/lib/locale/C/LC_MESSAGES/TEST.po
929 #
930 # Private idmap RPC protocol
931 #
932 usr/include/rpcsvc/idmap_prot.h
933 usr/include/rpcsvc/idmap_prot.x
934 #
935 # Private idmap directory API
936 #
937 usr/include/directory.h
938 #
939 # librstp is private for bridging
940 #
941 usr/include/stp_bpdu.h
942 usr/include/stp_in.h
943 usr/include/stp_vectors.h
944 usr/lib/librstp.so
945 usr/lib/llib-lrstp
946 usr/lib/llib-lrstp.ln
947 #
948 # Private nvfru API
949 #
950 usr/include/nvfru.h
951 #
952 # vrrp
953 #
954 usr/include/libvrrpadm.h
955 usr/lib/libvrrpadm.so
956 usr/lib/amd64/libvrrpadm.so      i386
957 usr/lib/sparcv9/libvrrpadm.so    sparc
958 usr/lib/llib-lvrrpadm
959 usr/lib/llib-lvrrpadm.ln
960 usr/lib/amd64/llib-lvrrpadm.ln  i386
961 usr/lib/sparcv9/llib-lvrrpadm.ln sparc
962 #
963 # This is only used during the -t tools build
964 #
965 opt/onbld/bin/i386/elfsign      i386
966 opt/onbld/bin/sparc/elfsign     sparc
967 opt/onbld/bin/i386/mandoc       i386
968 opt/onbld/bin/sparc/mandoc      sparc

970 #
971 # Private libdwarf
972 #
973 opt/onbld/lib/i386/libdwarf.so  i386
974 opt/onbld/lib/sparc/libdwarf.so sparc

976 #
977 # Private socket filter API
978 #
979 usr/include/sys/sockfilter.h
980 #
981 # We don't actually validate license action payloads, and the license
982 # staging area is provided as a separate basedir for package
983 # publication. The net result is that everything therein should be
984 # ignored for packaging validation.

```

## new/exception\_lists/packaging

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```

985 #
986 licenses
987 #
988 # Libbe is private
989 #
990 usr/include/libbe_priv.h
991 #
992 # ipmi is at present only useful on i386, but for historical reasons is
993 # delivered on SPARC and used by the build.
994 #
995 usr/include/sys/ipmi.h  sparc

997 #
998 # libsaveargs is private
999 #
1000 usr/include/saveargs.h      i386
1001 usr/lib/amd64/libsaveargs.so i386
1002 usr/lib/amd64/libstandsaveargs.so i386
1003 usr/lib/amd64/llib-lsaveargs.ln i386

1005 #
1006 # libpcidb is private
1007 #
1008 usr/include/pcidb.h
1009 usr/lib/amd64/libpcidb.so      i386
1010 usr/lib/amd64/llib-lpcidb.ln  i386
1011 usr/lib/sparcv9/libpcidb.so    sparc
1012 usr/lib/sparcv9/llib-lpcidb.ln sparc
1013 usr/lib/libpcidb.so
1014 usr/lib/llib-lpcidb
1015 usr/lib/llib-lpcidb.ln

```



new/usr/src/Makefile.master

1

```
*****
35131 Wed Aug 26 12:26:44 2015
new/usr/src/Makefile.master
6117 Many small bugs prevent a clean build on SPARC
*****

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 (c) 1989, 2010, Oracle and/or its affiliates. All rights reserved.
24 # Copyright (c) 2012 by Delphix. All rights reserved.
25 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
26 # Copyright 2015, OmniTI Computer Consulting, Inc. All rights reserved.
27 # Copyright 2015 Gary Mills
28 #

30 #
31 # Makefile.master, global definitions for system source
32 #
33 ROOT=          /proto

35 #
36 # Adjunct root, containing an additional proto area to be used for headers
37 # and libraries.
38 #
39 ADJUNCT_PROTO=

41 #
42 # Adjunct for building things that run on the build machine.
43 #
44 NATIVE_ADJUNCT= /usr

46 #
47 # RELEASE_BUILD should be cleared for final release builds.
48 # NOT_RELEASE_BUILD is exactly what the name implies.
49 #
50 # __GNUC toggles the building of ON components using gcc and related tools.
51 # Normally set to '#', set it to '' to do gcc build.
52 #
53 # The declaration POUND_SIGN is always '#'. This is needed to get around the
54 # make feature that '#' is always a comment delimiter, even when escaped or
55 # quoted. We use this macro expansion method to get POUND_SIGN rather than
56 # always breaking out a shell because the general case can cause a noticable
57 # slowdown in build times when so many Makefiles include Makefile.master.
58 #
59 # While the majority of users are expected to override the setting below
60 # with an env file (via nightly or bldenv), if you aren't building that way
61 # (ie, you're using "ws" or some other bootstrapping method) then you need
```

new/usr/src/Makefile.master

2

```
62 # this definition in order to avoid the subshell invocation mentioned above.
63 #

65 PRE_POUND=          pre\#
66 POUND_SIGN=          $(PRE_POUND:pre\%=%)

68 NOT_RELEASE_BUILD=
69 RELEASE_BUILD=       $(POUND_SIGN)
70 $(RELEASE_BUILD)NOT_RELEASE_BUILD= $(POUND_SIGN)
71 PATCH_BUILD=         $(POUND_SIGN)

73 # SPARC_BLD is '#' for an Intel build.
74 # INTEL_BLD is '#' for a Sparc build.
75 SPARC_BLD_1=         $(MACH:i386=$(POUND_SIGN))
76 SPARC_BLD=           $(SPARC_BLD_1:sparc=)
77 INTEL_BLD_1=         $(MACH:sparc=$(POUND_SIGN))
78 INTEL_BLD=           $(INTEL_BLD_1:i386=)

80 # The variables below control the compilers used during the build.
81 # There are a number of permutations.
82 #
83 # __GNUC and __SUNC control (and indicate) the primary compiler. Whichever
84 # one is not POUND_SIGN is the primary, with the other as the shadow. They
85 # may also be used to control entirely compiler-specific Makefile assignments.
86 # __GNUC and GCC are the default.
87 #
88 # __GNUC64 indicates that the 64bit build should use the GNU C compiler.
89 # There is no Sun C analogue.
90 #
91 # The following version-specific options are operative regardless of which
92 # compiler is primary, and control the versions of the given compilers to be
93 # used. They also allow compiler-version specific Makefile fragments.
94 #

96 __SUNC=              $(POUND_SIGN)
97 $(__SUNC)__GNUC=     $(POUND_SIGN)
98 __GNUC64=            $(__GNUC)

100 # Allow build-time "configuration" to enable or disable some things.
101 # The default is POUND_SIGN, meaning "not enabled". If the environment
102 # passes in an override like ENABLE_SMB_PRINTING= (empty) that will
103 # uncomment things in the lower Makefiles to enable the feature.
104 ENABLE_IPP_PRINTING= $(POUND_SIGN)
105 ENABLE_SMB_PRINTING= $(POUND_SIGN)

107 # CLOSED is the root of the tree that contains source which isn't released
108 # as open source
109 CLOSED=              $(SRC)/../closed

111 # BUILD_TOOLS is the root of all tools including compilers.
112 # ONBLD_TOOLS is the root of all the tools that are part of SUNwonbld.

114 BUILD_TOOLS=         /ws/onnv-tools
115 ONBLD_TOOLS=         $(BUILD_TOOLS)/onbld

117 # define runtime JAVA_HOME, primarily for cmd/pools/poold
118 JAVA_HOME=           /usr/java
119 # define buildtime JAVA_ROOT
120 JAVA_ROOT=           /usr/java

122 GCC_ROOT=            /opt/gcc/4.4.4
123 GCCLIBDIR=           $(GCC_ROOT)/lib
124 GCCLIBDIR64=         $(GCC_ROOT)/lib/$(MACH64)

126 DOCB00K_XSL_ROOT=    /usr/share/sgml/docbook/xsl-stylesheets
```

```

128 RPCGEN=      /usr/bin/rpcgen
129 STABS=        $(ONBLD_TOOLS)/bin/$(MACH)/stabs
130 ELFEXTRACT=   $(ONBLD_TOOLS)/bin/$(MACH)/elfextract
131 MBH_PATCH=    $(ONBLD_TOOLS)/bin/$(MACH)/mbh_patch
132 ECHO=         echo
133 INS=          install
134 TRUE=         true
135 SYMLINK=      /usr/bin/ln -s
136 LN=          /usr/bin/ln
137 CHMOD=        /usr/bin/chmod
138 MV=          /usr/bin/mv -f
139 RM=           /usr/bin/rm -f
140 CUT=          /usr/bin/cut
141 NM=           /usr/ccs/bin/nm
142 DIFF=         /usr/bin/diff
143 GREP=         /usr/bin/grep
144 EGREP=        /usr/bin/egrep
145 ELFWRAP=      /usr/bin/elfwrap
146 KSH93=        /usr/bin/ksh93
147 SED=          /usr/bin/sed
148 NAWK=         /usr/bin/nawk
149 CP=           /usr/bin/cp -f
150 MCS=          /usr/ccs/bin/mcs
151 CAT=          /usr/bin/cat
152 ELFDUMP=      /usr/ccs/bin/elfdump
153 M4=           /usr/bin/m4
154 M4=           /usr/ccs/bin/m4
155 STRIP=        /usr/ccs/bin/strip
156 LEX=          /usr/ccs/bin/lex
157 FLEX=         /usr/bin/flex
158 YACC=         /usr/ccs/bin/yacc
159 CPP=          /usr/lib/cpp
160 JAVAC=        $(JAVA_ROOT)/bin/javac
161 JAVAH=        $(JAVA_ROOT)/bin/javah
162 JAVADOC=      $(JAVA_ROOT)/bin/javadoc
163 RMIC=         $(JAVA_ROOT)/bin/rmic
164 JAR=          $(JAVA_ROOT)/bin/jar
165 CTFCONVERT=   $(ONBLD_TOOLS)/bin/$(MACH)/ctfconvert
166 CTFMERGE=     $(ONBLD_TOOLS)/bin/$(MACH)/ctfmerge
167 CTFSTABS=     $(ONBLD_TOOLS)/bin/$(MACH)/ctfstabs
168 CTFSTRIP=     $(ONBLD_TOOLS)/bin/$(MACH)/ctfstrip
169 NDRGEN=       $(ONBLD_TOOLS)/bin/$(MACH)/ndrgen
170 GENOFFSETS=   $(ONBLD_TOOLS)/bin/genoffsets
171 XREF=         $(ONBLD_TOOLS)/bin/xref
172 FIND=         /usr/bin/find
173 PERL=         /usr/bin/perl
174 PERL_VERSION= 5.10.0
175 PERL_PKGVERS= -510
176 PERL_ARCH =   i86pc-solaris-64int
177 $(SPARC_BLD)PERL_ARCH = sun4-solaris-64int
178 PYTHON_26=    /usr/bin/python2.6
179 PYTHON=        $(PYTHON_26)
180 SORT=         /usr/bin/sort
181 TOUCH=        /usr/bin/touch
182 WC=           /usr/bin/wc
183 XARGS=        /usr/bin/xargs
184 ELFEDIT=      /usr/bin/elfedit
185 ELFSIGN=      /usr/bin/elfsign
186 DTRACE=       /usr/sbin/dtrace -xnolib
187 UNIQ=         /usr/bin/uniq
188 TAR=          /usr/bin/tar
189 ASTBINDIR=    /usr/ast/bin
190 MSGCC=        $(ASTBINDIR)/msgcc

191 FILEMODE=     644
192 DIRMODE=      755

```

```

194 # Declare that nothing should be built in parallel.
195 # Individual Makefiles can use the .PARALLEL target to declare otherwise.
196 .NO_PARALLEL:

198 # For stylistic checks
199 #
200 # Note that the X and C checks are not used at this time and may need
201 # modification when they are actually used.
202 #
203 CSTYLE=        $(ONBLD_TOOLS)/bin/cstyle
204 CSTYLE_TAIL=   $(ONBLD_TOOLS)/bin/hdrchk
205 HDRCHK=        $(ONBLD_TOOLS)/bin/hdrchk
206 HDRCHK_TAIL=   $(ONBLD_TOOLS)/bin/jstyle
207 JSTYLE=        $(ONBLD_TOOLS)/bin/jstyle

209 DOT_H_CHECK=   \
210     @$(ECHO) "checking $<"; $(CSTYLE) $< $(CSTYLE_TAIL); \
211     $(HDRCHK) $< $(HDRCHK_TAIL)

213 DOT_X_CHECK=   \
214     @$(ECHO) "checking $<"; $(RPCGEN) -C -h $< | $(CSTYLE) $(CSTYLE_TAIL); \
215     $(RPCGEN) -C -h $< | $(HDRCHK) $< $(HDRCHK_TAIL)

217 DOT_C_CHECK=   \
218     @$(ECHO) "checking $<"; $(CSTYLE) $< $(CSTYLE_TAIL)

220 MANIFEST_CHECK= \
221     @$(ECHO) "checking $<"; \
222     SVCCFG_DTD=$(SRC)/cmd/svc/dtd/service_bundle.dtd.1 \
223     SVCCFG_REPOSITORY=$(SRC)/cmd/svc/seed/global.db \
224     SVCCFG_CONFIGD_PATH=$(SRC)/cmd/svc/configd/svc.configd-native \
225     $(SRC)/cmd/svc/svccfg/svccfg-native validate $<

227 INS.file=      $(RM) $@; $(INS) -s -m $(FILEMODE) -f $(@D) $<
228 INS.dir=       $(INS) -s -d -m $(DIRMODE) $@
229 # installs and renames at once
230 #
231 INS.rename=     $(INS.file); $(MV) $(@D)/(<F) $@

233 # install a link
234 INSLINKTARGET= $<
235 INS.link=       $(RM) $@; $(LN) $(INSLINKTARGET) $@
236 INS.symlink=    $(RM) $@; $(SYMLINK) $(INSLINKTARGET) $@

238 #
239 # Python bakes the mtime of the .py file into the compiled .pyc and
240 # rebuilds if the baked-in mtime != the mtime of the source file
241 # (rather than only if it's less than), thus when installing python
242 # files we must make certain to not adjust the mtime of the source
243 # (.py) file.
244 #
245 INS.pyfile=     $(INS.file); $(TOUCH) -r $< $@

247 # MACH must be set in the shell environment per uname -p on the build host
248 # More specific architecture variables should be set in lower makefiles.
249 #
250 # MACH64 is derived from MACH, and BUILD64 is set to '#' for
251 # architectures on which we do not build 64-bit versions.
252 # (There are no such architectures at the moment.)
253 #
254 # Set BUILD64=# in the environment to disable 64-bit amd64
255 # builds on i386 machines.

257 MACH64_1=      $(MACH:sparc=sparcv9)
258 MACH64=        $(MACH64_1:i386=amd64)

```

```

260 MACH32_1=      $(MACH:sparc=sparcv7)
261 MACH32=         $(MACH32_1:i386=i86)

263 sparc_BUILD64=
264 i386_BUILD64=
265 BUILD64=       $($(MACH)_BUILD64)

267 #
268 # C compiler mode. Future compilers may change the default on us,
269 # so force extended ANSI mode globally. Lower level makefiles can
270 # override this by setting CCMODE.
271 #
272 CCMODE=          -Xa
273 CCMODE64=        -Xa

275 #
276 # C compiler verbose mode. This is so we can enable it globally,
277 # but turn it off in the lower level makefiles of things we cannot
278 # (or aren't going to) fix.
279 #
280 CCVERBOSE=       -v

282 # set this to the secret flag "-Wc,-Qiselect-v9abiwarn=1" to get warnings
283 # from the compiler about places the -xarch=v9 may differ from -xarch=v9c.
284 V9ABIWARN=

286 # set this to the secret flag "-Wc,-Qiselect-regsym=0" to disable register
287 # symbols (used to detect conflicts between objects that use global registers)
288 # we disable this now for safety, and because genunix doesn't link with
289 # this feature (the v9 default) enabled.
290 #
291 # REGSYM is separate since the C++ driver syntax is different.
292 CCREGSYM=        -Wc,-Qiselect-regsym=0
293 CCCREGSYM=       -Qoption cg -Qiselect-regsym=0

295 # Prevent the removal of static symbols by the SPARC code generator (cg).
296 # The x86 code generator (ube) does not remove such symbols and as such
297 # using this workaround is not applicable for x86.
298 #
299 CCSTATICSYM=     -Wc,-Qassembler-ounrefsym=0
300 #
301 # generate 32-bit addresses in the v9 kernel. Saves memory.
302 CCABS32=         -Wc,-xcode=abs32
303 #
304 # generate v9 code which tolerates callers using the v7 ABI, for the sake of
305 # system calls.
306 CC32BITCALLERS=  -_gcc=-massume-32bit-callers

308 # GCC, especially, is increasingly beginning to auto-inline functions and
309 # sadly does so separately not under the general -fno-inline-functions
310 # Additionally, we wish to prevent optimisations which cause GCC to clone
311 # functions -- in particular, these may cause unhelpful symbols to be
312 # emitted instead of function names
313 CCNOAUTOINLINE=  -_gcc=-fno-inline-small-functions \
314                 -_gcc=-fno-inline-functions-called-once \
315                 -_gcc=-fno-ipa-cp

317 # One optimization the compiler might perform is to turn this:
318 #   #pragma weak foo
319 #   extern int foo;
320 #   if (&foo)
321 #       foo = 5;
322 # into
323 #   foo = 5;
324 # Since we do some of this (foo might be referenced in common kernel code

```

```

325 # but provided only for some cpu modules or platforms), we disable this
326 # optimization.
327 #
328 sparc_CCUNBOUND = -wd,-xsafe=unboundsym
329 i386_CCUNBOUND  =
330 CCUNBOUND       = $($(MACH)_CCUNBOUND)

332 #
333 # compiler '-xarch' flag. This is here to centralize it and make it
334 # overridable for testing.
335 sparc_XARCH=     -m32
336 sparcv9_XARCH=   -m64
337 i386_XARCH=
338 amd64_XARCH=     -m64 -Ui386 -U__i386

340 # assembler '-xarch' flag. Different from compiler '-xarch' flag.
341 sparc_AS_XARCH=   -xarch=v8plus
342 sparcv9_AS_XARCH= -xarch=v9
343 i386_AS_XARCH=
344 amd64_AS_XARCH=   -xarch=amd64 -P -Ui386 -U__i386

346 #
347 # These flags define what we need to be 'standalone' i.e. -not- part
348 # of the rather more cosy userland environment. This basically means
349 # the kernel.
350 #
351 # XX64 future versions of gcc will make -mmodel=kernel imply -mno-red-zone
352 #
353 sparc_STAND_FLAGS= -_gcc=-ffreestanding
354 sparcv9_STAND_FLAGS= -_gcc=-ffreestanding
355 # Disabling MMX also disables 3DNow, disabling SSE also disables all later
356 # additions to SSE (SSE2, AVX, etc.)
357 NO_SIMD=          -_gcc=-mno-mmx -_gcc=-mno-sse
358 i386_STAND_FLAGS=  -_gcc=-ffreestanding $(NO_SIMD)
359 amd64_STAND_FLAGS= -xmodel=kernel $(NO_SIMD)

361 SAVEARGS=         -Wu,-save_args
362 amd64_STAND_FLAGS += $(SAVEARGS)

364 STAND_FLAGS_32 = $($(MACH)_STAND_FLAGS)
365 STAND_FLAGS_64 = $($(MACH64)_STAND_FLAGS)

367 #
368 # disable the incremental linker
369 ILDOFF=           -xildoff
370 #
371 XDEPEND=          -xdepend
372 XFFLAG=           -xF=%all
373 XESS=             -xs
374 XSTRCONST=        -xstrconst

376 #
377 # turn warnings into errors (C)
378 CERRWARN = -errtags=yes -errwarn=%all
379 CERRWARN += -erroff=E_EMPTY_TRANSLATION_UNIT
380 CERRWARN += -erroff=E_STATEMENT_NOT_REACHED

382 CERRWARN += -_gcc=-Wno-missing-braces
383 CERRWARN += -_gcc=-Wno-sign-compare
384 CERRWARN += -_gcc=-Wno-unknown-pragmas
385 CERRWARN += -_gcc=-Wno-unused-parameter
386 CERRWARN += -_gcc=-Wno-missing-field-initializers

388 # Unfortunately, this option can misfire very easily and unfixably.
389 CERRWARN += -_gcc=-Wno-array-bounds

```

```

391 # DEBUG v. -nd make for frequent unused variables, empty conditions, etc. in
392 # -nd builds
393 $(RELEASE_BUILD)CERRWARN += -_gcc=-Wno-unused
394 $(RELEASE_BUILD)CERRWARN += -_gcc=-Wno-empty-body

396 #
397 # turn warnings into errors (C++)
398 CCERRWARN=          -xwe

400 # C99 mode
401 C99_ENABLE=         -xc99=%all
402 C99_DISABLE=        -xc99=%none
403 C99MODE=            $(C99_DISABLE)
404 C99LMODE=           $(C99MODE:-xc99%=-Xc99%)

406 # In most places, assignments to these macros should be appended with +=
407 # (CPPFLAGS.first allows values to be prepended to CPPFLAGS).
408 sparc_CFLAGS=       $(sparc_XARCH) $(CSTATICSYM)
409 sparcv9_CFLAGS=     $(sparcv9_XARCH) -dalign $(CCVERBOSE) $(V9ABIWARN) $(CCREGSYM) \
410                     $(CSTATICSYM)
411 i386_CFLAGS=        $(i386_XARCH)
412 amd64_CFLAGS=       $(amd64_XARCH)

414 sparc_ASFLAGS=      $(sparc_AS_XARCH)
415 sparcv9_ASFLAGS=    $(sparcv9_AS_XARCH)
416 i386_ASFLAGS=       $(i386_AS_XARCH)
417 amd64_ASFLAGS=      $(amd64_AS_XARCH)

419 #
420 sparc_COPTFLAG=      -x03
421 sparcv9_COPTFLAG=    -x03
422 i386_COPTFLAG=       -O
423 amd64_COPTFLAG=      -x03

425 COPTFLAG=           $($MACH)_COPTFLAG
426 COPTFLAG64=         $($MACH64)_COPTFLAG

428 # When -g is used, the compiler globalizes static objects
429 # (gives them a unique prefix). Disable that.
430 CNOGLOBAL= -W0,-noglobal

432 # Direct the Sun Studio compiler to use a static globalization prefix based on t
433 # name of the module rather than something unique. Otherwise, objects
434 # will not build deterministically, as subsequent compilations of identical
435 # source will yeild objects that always look different.
436 #
437 # In the same spirit, this will also remove the date from the N_OPT stab.
438 CGLOBALSTATIC= -W0,-xglobalstatic

440 # Sometimes we want all symbols and types in debugging information even
441 # if they aren't used.
442 CALLSYMS=          -W0,-xdbggen=no%usedonly

444 #
445 # Default debug format for Sun Studio 11 is dwarf, so force it to
446 # generate stabs.
447 #
448 DEBUGFORMAT=       -xdebugformat=stabs

450 #
451 # Flags used to build in debug mode for ctf generation.  Bugs in the Devpro
452 # compilers currently prevent us from building with cc-emitted DWARF.
453 #
454 CTF_FLAGS_sparc = -g -Wc,-Qiselect-T1 $(C99MODE) $(CNOGLOBAL) $(CDWARFSTR)
455 CTF_FLAGS_i386  = -g $(C99MODE) $(CNOGLOBAL) $(CDWARFSTR)

```

```

457 CTF_FLAGS_sparcv9 = $(CTF_FLAGS_sparc)
458 CTF_FLAGS_amd64   = $(CTF_FLAGS_i386)

460 # Sun Studio produces broken userland code when saving arguments.
461 $(__GNUC)CTF_FLAGS_amd64 += $(SAVEARGS)

463 CTF_FLAGS_32      = $(CTF_FLAGS_$(MACH)) $(DEBUGFORMAT)
464 CTF_FLAGS_64      = $(CTF_FLAGS_$(MACH64)) $(DEBUGFORMAT)
465 CTF_FLAGS         = $(CTF_FLAGS_32)

467 #
468 # Flags used with genoffsets
469 #
470 GOFLAGS = -_noecho \
471           $(CALLSYMS) \
472           $(CDWARFSTR)

474 OFFSETS_CREATE = $(GENOFFSETS) -s $(CTFSTABS) -r $(CTFCONVERT) \
475                 $(CC) $(GOFLAGS) $(CFLAGS) $(CPPFLAGS)

477 OFFSETS_CREATE64 = $(GENOFFSETS) -s $(CTFSTABS) -r $(CTFCONVERT) \
478                   $(CC) $(GOFLAGS) $(CFLAGS64) $(CPPFLAGS)

480 #
481 # tradeoff time for space (smaller is better)
482 #
483 sparc_SPACEFLAG      = -xspace -W0,-Lt
484 sparcv9_SPACEFLAG    = -xspace -W0,-Lt
485 i386_SPACEFLAG       = -xspace
486 amd64_SPACEFLAG      =

488 SPACEFLAG           = $($MACH)_SPACEFLAG
489 SPACEFLAG64         = $($MACH64)_SPACEFLAG

491 #
492 # The Sun Studio 11 compiler has changed the behaviour of integer
493 # wrap arounds and so a flag is needed to use the legacy behaviour
494 # (without this flag panics/hangs could be exposed within the source).
495 #
496 sparc_IROPTFLAG      = -W2,-xwrap_int
497 sparcv9_IROPTFLAG    = -W2,-xwrap_int
498 i386_IROPTFLAG       =
499 amd64_IROPTFLAG      =

501 IROPTFLAG           = $($MACH)_IROPTFLAG
502 IROPTFLAG64         = $($MACH64)_IROPTFLAG

504 sparc_XREGSFLAG      = -xregs=no%appl
505 sparcv9_XREGSFLAG    = -xregs=no%appl
506 i386_XREGSFLAG       =
507 amd64_XREGSFLAG      =

509 XREGSFLAG           = $($MACH)_XREGSFLAG
510 XREGSFLAG64         = $($MACH64)_XREGSFLAG

512 # dmake SOURCEDEBUG=yes ... enables source-level debugging information, and
513 # avoids stripping it.
514 SOURCEDEBUG          = $(POUND_SIGN)
515 SRCDGBGLD           = $(SOURCEDEBUG:yes=)

517 #
518 # These variables are intended ONLY for use by developers to safely pass extra
519 # flags to the compilers without unintentionally overriding Makefile-set
520 # flags.  They should NEVER be set to any value in a Makefile.
521 #
522 # They come last in the associated FLAGS variable such that they can

```

```

523 # explicitly override things if necessary, there are gaps in this, but it's
524 # the best we can manage.
525 #
526 CUSERFLAGS           =
527 CUSERFLAGS64         = $(CUSERFLAGS)
528 CCUSERFLAGS          =
529 CCUSERFLAGS64        = $(CCUSERFLAGS)

531 CSOURCEDEBUGFLAGS    =
532 CCSOURCEDEBUGFLAGS   =
533 $(SRCDGBLD)CSOURCEDEBUGFLAGS = -g -xs
534 $(SRCDGBLD)CCSOURCEDEBUGFLAGS = -g -xs

536 CFLAGS=              $(COPTFLAG) $(MACH)_CFLAGS $(SPACEFLAG) $(CCMODE) \
537                      $(ILDOFF) $(CERRWARN) $(C99MODE) $(CCUNBOUND) $(IROPTFLAG) \
538                      $(GLOBALSTATIC) $(CCNOAUTOINLINE) $(CSOURCEDEBUGFLAGS) \
539                      $(CUSERFLAGS)
540 CFLAGS64=            $(COPTFLAG64) $(MACH64)_CFLAGS $(SPACEFLAG64) $(CCMODE64) \
541                      $(ILDOFF) $(CERRWARN) $(C99MODE) $(CCUNBOUND) $(IROPTFLAG64) \
542                      $(GLOBALSTATIC) $(CCNOAUTOINLINE) $(CSOURCEDEBUGFLAGS) \
543                      $(CUSERFLAGS64)
544 #
545 # Flags that are used to build parts of the code that are subsequently
546 # run on the build machine (also known as the NATIVE_BUILD).
547 #
548 NATIVE_CFLAGS=        $(COPTFLAG) $(NATIVE_MACH)_CFLAGS $(CCMODE) \
549                      $(ILDOFF) $(CERRWARN) $(C99MODE) $(NATIVE_MACH)_CCUNBOUND) \
550                      $(IROPTFLAG) $(GLOBALSTATIC) $(CCNOAUTOINLINE) \
551                      $(CSOURCEDEBUGFLAGS) $(CUSERFLAGS)

553 DTEXTDOM=-DTEXT_DOMAIN=\"$(TEXT_DOMAIN)\"      # For messaging.
554 DTS_ERRNO=-D_TS_ERRNO
555 CPPFLAGS.first= # Please keep empty. Only lower makefiles should set this.
556 CPPFLAGS.master=$(DTEXTDOM) $(DTS_ERRNO) \
557                 $(ENVCPPFLAGS1) $(ENVCPPFLAGS2) $(ENVCPPFLAGS3) $(ENVCPPFLAGS4) \
558                 $(ADJUNCT_PROTO:=-I%/usr/include)
559 CPPFLAGS.native=$(ENVCPPFLAGS1) $(ENVCPPFLAGS2) $(ENVCPPFLAGS3) \
560                 $(ENVCPPFLAGS4) -I$(NATIVE_ADJUNCT)/include
561 CPPFLAGS=           $(CPPFLAGS.first) $(CPPFLAGS.master)
562 AS_CPPFLAGS=         $(CPPFLAGS.first) $(CPPFLAGS.master)
563 JAVAFLAGS=          -source 1.6 -target 1.6 -Xlint:deprecation,-options

565 #
566 # For source message catalogue
567 #
568 .SUFFIXES: $(SUFFIXES) .i .po
569 MSGROOT= $(ROOT)/catalog
570 MSGDOMAIN= $(MSGROOT)/$(TEXT_DOMAIN)
571 MSGDOMAINPOFILE = $(MSGDOMAIN)/$(POFILE)
572 DCMMSGDOMAIN= $(MSGROOT)/LC_TIME/$(TEXT_DOMAIN)
573 DCMMSGDOMAINPOFILE = $(DCMSGDOMAIN)/$(DCFILE:.dc=.po)

575 CLOBBERFILES += $(POFILE) $(POFILES)
576 COMPILE.cpp= $(CC) -E -C $(CFLAGS) $(CPPFLAGS)
577 XGETTEXT= /usr/bin/xgettext
578 XGETFLAGS= -c TRANSLATION_NOTE
579 GNUXGETTEXT= /usr/gnu/bin/xgettext
580 GNUXGETFLAGS= --add-comments=TRANSLATION_NOTE --keyword= \
581              --strict --no-location --omit-header
582 BUILD.po= $(XGETTEXT) $(XGETFLAGS) -d $(<F) $<.i ; \
583           $(RM) $@ ; \
584           $(SED) "/^domain/d" < $(<F).po > $@ ; \
585           $(RM) $(<F).po $<.i

587 #
588 # This is overwritten by local Makefile when PROG is a list.

```

```

589 #
590 POFILE= $(PROG).po

592 sparc_CCFLAGS=        -cg92 -compat=4 \
593                      -Option ccfe -messages=no%anachronism \
594                      $(CCERRWARN)
595 sparcv9_CCFLAGS=      $(sparcv9_XARCH) -dalign -compat=5 \
596                      -Option ccfe -messages=no%anachronism \
597                      -Option ccfe -features=no%conststrings \
598                      $(CCCREGSYM) \
599                      $(CCERRWARN)
600 i386_CCFLAGS=         -compat=4 \
601                      -Option ccfe -messages=no%anachronism \
602                      -Option ccfe -features=no%conststrings \
603                      $(CCERRWARN)
604 amd64_CCFLAGS=        $(amd64_XARCH) -compat=5 \
605                      -Option ccfe -messages=no%anachronism \
606                      -Option ccfe -features=no%conststrings \
607                      $(CCERRWARN)

609 sparc_CCOPTFLAG=      -O
610 sparcv9_CCOPTFLAG=    -O
611 i386_CCOPTFLAG=       -O
612 amd64_CCOPTFLAG=      -O

614 CCOPTFLAG=            $(MACH)_CCOPTFLAG
615 CCOPTFLAG64=          $(MACH64)_CCOPTFLAG
616 CCFLAGS=              $(CCOPTFLAG) $(MACH)_CCFLAGS $(CCSOURCEDEBUGFLAGS) \
617                      $(CUSERFLAGS)
618 CCFLAGS64=            $(CCOPTFLAG64) $(MACH64)_CCFLAGS $(CCSOURCEDEBUGFLAGS) \
619                      $(CCUSERFLAGS64)

621 #
622 #
623 #
624 ELFWRAP_FLAGS =
625 ELFWRAP_FLAGS64 = -64

627 #
628 # Various mapfiles that are used throughout the build, and delivered to
629 # /usr/lib/ld.
630 #
631 MAPFILE.NED_i386 =    $(SRC)/common/mapfiles/common/map.noexdata
632 MAPFILE.NED_sparc =
633 MAPFILE.NED =         $(MAPFILE.NED_$(MACH))
634 MAPFILE.PGA =         $(SRC)/common/mapfiles/common/map.pagealign
635 MAPFILE.NES =         $(SRC)/common/mapfiles/common/map.noexstk
636 MAPFILE.FLT =         $(SRC)/common/mapfiles/common/map.filter
637 MAPFILE.LEX =         $(SRC)/common/mapfiles/common/map.lex.yy

639 #
640 # Generated mapfiles that are compiler specific, and used throughout the
641 # build. These mapfiles are not delivered in /usr/lib/ld.
642 #
643 MAPFILE.NGB_sparc=    $(SRC)/common/mapfiles/gen/sparc_cc_map.noexglobs
644 $(__GNU64)MAPFILE.NGB_sparc= \
645                      $(SRC)/common/mapfiles/gen/sparc_gcc_map.noexglobs
646 MAPFILE.NGB_sparcv9= $(SRC)/common/mapfiles/gen/sparcv9_cc_map.noexglobs
647 $(__GNU64)MAPFILE.NGB_sparcv9= \
648                      $(SRC)/common/mapfiles/gen/sparcv9_gcc_map.noexglobs
649 MAPFILE.NGB_i386=     $(SRC)/common/mapfiles/gen/i386_cc_map.noexglobs
650 $(__GNU64)MAPFILE.NGB_i386= \
651                      $(SRC)/common/mapfiles/gen/i386_gcc_map.noexglobs
652 MAPFILE.NGB_amd64=    $(SRC)/common/mapfiles/gen/amd64_cc_map.noexglobs
653 $(__GNU64)MAPFILE.NGB_amd64= \
654                      $(SRC)/common/mapfiles/gen/amd64_gcc_map.noexglobs

```

```

655 MAPFILE.NGB =          $(MAPFILE.NGB_$(MACH))

657 #
658 # A generic interface mapfile name, used by various dynamic objects to define
659 # the interfaces and interposers the object must export.
660 #
661 MAPFILE.INT =            mapfile-intf

663 #
664 # LDLIBS32 and LDLIBS64 can be set in the environment to override the following
665 # assignments.
666 #
667 # These environment settings make sure that no libraries are searched outside
668 # of the local workspace proto area:
669 #     LDLIBS32=-YP,$ROOT/lib:$ROOT/usr/lib
670 #     LDLIBS64=-YP,$ROOT/lib:$MACH64:$ROOT/usr/lib:$MACH64
671 #
672 LDLIBS32 =               $(ENVLDLIBS1) $(ENVLDLIBS2) $(ENVLDLIBS3)
673 LDLIBS32 +=              $(ADJUNCT_PROTO%=-L%/usr/lib -L%/lib)
674 LDLIBS.cmd =             $(LDLIBS32)
675 LDLIBS.lib =             $(LDLIBS32)

677 LDLIBS64 =              $(ENVLDLIBS1:%=/%$(MACH64)) \
678                          $(ENVLDLIBS2:%=/%$(MACH64)) \
679                          $(ENVLDLIBS3:%=/%$(MACH64))
680 LDLIBS64 +=              $(ADJUNCT_PROTO%=-L%/usr/lib/$(MACH64) -L%/lib/$(MACH64))

682 #
683 # Define compilation macros.
684 #
685 COMPILE.c=               $(CC) $(CFLAGS) $(CPPFLAGS) -c
686 COMPILE64.c=             $(CC) $(CFLAGS64) $(CPPFLAGS) -c
687 COMPILE.cc=              $(CCC) $(CCFLAGS) $(CPPFLAGS) -c
688 COMPILE64.cc=            $(CCC) $(CCFLAGS64) $(CPPFLAGS) -c
689 COMPILE.s=               $(AS) $(ASFLAGS) $(AS_CPPFLAGS)
690 COMPILE64.s=             $(AS) $(ASFLAGS) $(MACH64)_AS_XARCH $(AS_CPPFLAGS)
691 COMPILE.d=               $(DTRACE) -G -32
692 COMPILE64.d=             $(DTRACE) -G -64
693 COMPILE.b=               $(ELFWRAP) $(ELFWRAP_FLAGS$(CLASS))
694 COMPILE64.b=             $(ELFWRAP) $(ELFWRAP_FLAGS$(CLASS))

696 CLASSPATH=
697 COMPILE.java=            $(JAVAC) $(JAVAFLAGS) -classpath $(CLASSPATH)

699 #
700 # Link time macros
701 #
702 CCNEEDED                  = -lc
703 CCEXTNEEDED              = -lCrun -lCstd
704 $(__GNUCC)CCNEEDED        = -L$(GCCLIBDIR) -lstdc++ -lgcc_s
705 $(__GNUCC)CCEXTNEEDED     = $(CCNEEDED)

707 LINK.c=                  $(CC) $(CFLAGS) $(CPPFLAGS) $(LDFLAGS)
708 LINK64.c=                 $(CC) $(CFLAGS64) $(CPPFLAGS) $(LDFLAGS)
709 NORUNPATH=                -norunpath -noib
710 LINK.cc=                  $(CCC) $(CCFLAGS) $(CPPFLAGS) $(NORUNPATH) \
711                          $(LDFLAGS) $(CCNEEDED)
712 LINK64.cc=                $(CCC) $(CCFLAGS64) $(CPPFLAGS) $(NORUNPATH) \
713                          $(LDFLAGS) $(CCNEEDED)

715 #
716 # lint macros
717 #
718 # Note that the undefine of __PRAGMA_REDEFINE_EXTNAME can be removed once
719 # ON is built with a version of lint that has the fix for 4484186.
720 #

```

```

721 ALWAYS_LINT_DEFS =       -errtags=yes -s
722 ALWAYS_LINT_DEFS +=      -erroff=E_PTRDIFF_OVERFLOW
723 ALWAYS_LINT_DEFS +=      -erroff=E_ASSIGN_NARROW_CONV
724 ALWAYS_LINT_DEFS +=      -U__PRAGMA_REDEFINE_EXTNAME
725 ALWAYS_LINT_DEFS +=      $(C99LMODE)
726 ALWAYS_LINT_DEFS +=      -errsecurity=$(SECLEVEL)
727 ALWAYS_LINT_DEFS +=      -erroff=E_SEC_CREAT_WITHOUT_EXCL
728 ALWAYS_LINT_DEFS +=      -erroff=E_SEC_FORBIDDEN_WARN_CREAT
729 # XX64 -- really only needed for amd64 lint
730 ALWAYS_LINT_DEFS +=      -erroff=E_ASSIGN_INT_TO_SMALL_INT
731 ALWAYS_LINT_DEFS +=      -erroff=E_CAST_INT_CONST_TO_SMALL_INT
732 ALWAYS_LINT_DEFS +=      -erroff=E_CAST_INT_TO_SMALL_INT
733 ALWAYS_LINT_DEFS +=      -erroff=E_CAST_TO_PTR_FROM_INT
734 ALWAYS_LINT_DEFS +=      -erroff=E_COMP_INT_WITH_LARGE_INT
735 ALWAYS_LINT_DEFS +=      -erroff=E_INTEGRAL_CONST_EXP_EXPECTED
736 ALWAYS_LINT_DEFS +=      -erroff=E_PASS_INT_TO_SMALL_INT
737 ALWAYS_LINT_DEFS +=      -erroff=E_PTR_CONV_LOSES_BITS

739 # This forces lint to pick up note.h and sys/note.h from Devpro rather than
740 # from the proto area. The note.h that ON delivers would disable NOTE().
741 ONLY_LINT_DEFS =         -IS$(SPRO_VROOT)/prod/include/lint

743 SECLEVEL=                core
744 LINT.c=                   $(LINT) $(ONLY_LINT_DEFS) $(LINTFLAGS) $(CPPFLAGS) \
745                          $(ALWAYS_LINT_DEFS)
746 LINT64.c=                 $(LINT) $(ONLY_LINT_DEFS) $(LINTFLAGS64) $(CPPFLAGS) \
747                          $(ALWAYS_LINT_DEFS)
748 LINT.s=                   $(LINT.c)

750 # For some future builds, NATIVE_MACH and MACH might be different.
751 # Therefore, NATIVE_MACH needs to be redefined in the
752 # environment as 'uname -p' to override this macro.
753 #
754 # For now at least, we cross-compile amd64 on i386 machines.
755 NATIVE_MACH=              $(MACH:amd64=i386)

757 # Define native compilation macros
758 #

760 # Base directory where compilers are loaded.
761 # Defined here so it can be overridden by developer.
762 #
763 SPRO_ROOT=                $(BUILD_TOOLS)/SUNWsprio
764 SPRO_VROOT=               $(SPRO_ROOT)/SS12
765 GNU_ROOT=                 /usr

767 # Till SS12u1 formally becomes the NV CBE, LINT is hard
768 # coded to be picked up from the $SPRO_ROOT/sunstudio12.1/
769 # location. Impacted variables are sparc_LINT, sparcv9_LINT,
770 # i386_LINT, amd64_LINT.
771 # Reset them when SS12u1 is rolled out.
772 #

774 # Specify platform compiler versions for languages
775 # that we use (currently only c and c++).
776 #
777 sparc_CC=                 $(ONBLD_TOOLS)/bin/$(MACH)/cw -_cc
778 $(__GNUCC)sparc_CC=       $(ONBLD_TOOLS)/bin/$(MACH)/cw -_gcc
779 sparc_CCC=                $(ONBLD_TOOLS)/bin/$(MACH)/cw -_CC
780 $(__GNUCC)sparc_CCC=      $(ONBLD_TOOLS)/bin/$(MACH)/cw -_g++
781 sparc_CPP=                /usr/ccs/lib/cpp
782 sparc_AS=                 /usr/ccs/bin/as -xregsym=no
783 sparc_LD=                 /usr/ccs/bin/ld
784 sparc_LINT=               $(SPRO_ROOT)/sunstudio12.1/bin/lint

786 sparcv9_CC=               $(ONBLD_TOOLS)/bin/$(MACH)/cw -_cc

```

```

787 $(__GNUC64)sparcv9_CC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_gcc
788 sparcv9_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_CC
789 $(__GNUC64)sparcv9_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_g++
790 sparcv9_CPP= /usr/ccs/lib/cpp
791 sparcv9_AS= /usr/ccs/bin/as -xregsym=no
792 sparcv9_LD= /usr/ccs/bin/ld
793 sparcv9_LINT= $(SPRO_ROOT)/sunstudio12.1/bin/lint

```

```

795 i386_CC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_cc
796 $(__GNUC)i386_CC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_gcc
797 i386_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_CC
798 $(__GNUC)i386_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_g++
799 i386_CPP= /usr/ccs/lib/cpp
800 i386_AS= /usr/ccs/bin/as
801 $(__GNUC)i386_AS= $(ONBLD_TOOLS)/bin/$(MACH)/aw
802 i386_LD= /usr/ccs/bin/ld
803 i386_LINT= $(SPRO_ROOT)/sunstudio12.1/bin/lint

```

```

805 amd64_CC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_cc
806 $(__GNUC64)amd64_CC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_gcc
807 amd64_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_CC
808 $(__GNUC64)amd64_CCC= $(ONBLD_TOOLS)/bin/$(MACH)/cw -_g++
809 amd64_CPP= /usr/ccs/lib/cpp
810 amd64_AS= $(ONBLD_TOOLS)/bin/$(MACH)/aw
811 amd64_LD= /usr/ccs/bin/ld
812 amd64_LINT= $(SPRO_ROOT)/sunstudio12.1/bin/lint

```

```

814 NATIVECC= $( $(NATIVE_MACH)_CC )
815 NATIVECCC= $( $(NATIVE_MACH)_CCC )
816 NATIVECPP= $( $(NATIVE_MACH)_CPP )
817 NATIVEAS= $( $(NATIVE_MACH)_AS )
818 NATVELD= $( $(NATIVE_MACH)_LD )
819 NATVELINT= $( $(NATIVE_MACH)_LINT )

```

```

821 #
822 # Makefile.master.64 overrides these settings
823 #
824 CC= $(NATIVECC)
825 CCC= $(NATIVECCC)
826 CPP= $(NATIVECPP)
827 AS= $(NATIVEAS)
828 LD= $(NATVELD)
829 LINT= $(NATVELINT)

```

```

831 # The real compilers used for this build
832 CW_CC_CMD= $(CC) -_compiler
833 CW_CCC_CMD= $(CCC) -_compiler
834 REAL_CC= $(CW_CC_CMD:sh)
835 REAL_CCC= $(CW_CCC_CMD:sh)

```

```

837 # Pass -Y flag to cpp (method of which is release-dependent)
838 CCYFLAG= -Y I,

```

```

840 BDIRECT= -Bdirect
841 BDYNAMIC= -Bdynamic
842 BLOCAL= -Blocal
843 BNODIRECT= -Bnodirect
844 BREDUCE= -Breduce
845 BSTATIC= -Bstatic

```

```

847 ZDEFS= -zdefs
848 ZDIRECT= -zdirect
849 ZIGNORE= -zignore
850 ZINITFIRST= -zinitfirst
851 ZINTERPOSE= -zinterpose
852 ZLAZYLOAD= -zlazyload

```

```

853 ZLOADFLTR= -zloadfltr
854 ZMULDEFS= -zmuldefs
855 ZNODEFAULTLIB= -znodefaultlib
856 ZNODEFS= -znodels
857 ZNODELETE= -znodelete
858 ZNODLOPEN= -znodlopen
859 ZNODUMP= -znodump
860 ZNLAZYLOAD= -znolazyload
861 ZNOLDYNSYM= -znolddynsym
862 ZNORELOC= -znoreloc
863 ZNOVERSION= -znoversion
864 ZRECORD= -zrecord
865 ZREDLOCSYM= -zredlocsyzm
866 ZTEXT= -ztext
867 ZVERBOSE= -zverbose

```

```

869 GSHARED= -G
870 CCMT= -mt

```

```

872 # Handle different PIC models on different ISAs
873 # (May be overridden by lower-level Makefiles)

```

```

875 sparc_C_PICFLAGS = -K pic
876 sparcv9_C_PICFLAGS = -K pic
877 i386_C_PICFLAGS = -K pic
878 amd64_C_PICFLAGS = -K pic
879 C_PICFLAGS = $( $(MACH)_C_PICFLAGS )
880 C_PICFLAGS64 = $( $(MACH64)_C_PICFLAGS )

```

```

882 sparc_C_BIGPICFLAGS = -K PIC
883 sparcv9_C_BIGPICFLAGS = -K PIC
884 i386_C_BIGPICFLAGS = -K PIC
885 amd64_C_BIGPICFLAGS = -K PIC
886 C_BIGPICFLAGS = $( $(MACH)_C_BIGPICFLAGS )
887 C_BIGPICFLAGS64 = $( $(MACH64)_C_BIGPICFLAGS )

```

```

889 # CC requires there to be no space between '-K' and 'pic' or 'PIC'.

```

```

890 sparc_CC_PICFLAGS = -Kpic
891 sparcv9_CC_PICFLAGS = -KPIC
892 i386_CC_PICFLAGS = -Kpic
893 amd64_CC_PICFLAGS = -Kpic
894 CC_PICFLAGS = $( $(MACH)_CC_PICFLAGS )
895 CC_PICFLAGS64 = $( $(MACH64)_CC_PICFLAGS )

```

```

897 AS_PICFLAGS= $(C_PICFLAGS)
898 AS_BIGPICFLAGS= $(C_BIGPICFLAGS)

```

```

900 #
901 # Default label for CTF sections
902 #
903 CTFCVTFLAGS= -i -L VERSION

```

```

905 #
906 # Override to pass module-specific flags to ctfmerge. Currently used only by
907 # krtld to turn on fuzzy matching, and source-level debugging to inhibit
908 # stripping.
909 #
910 CTFMRGFLAGS=

```

```

912 CTFCONVERT_0 = $(CTFCONVERT) $(CTFCVTFLAGS) $@

```

```

914 ELFSIGN_0= $(TRUE)
915 ELFSIGN_CRYPT0= $(ELFSIGN_0)
916 ELFSIGN_OBJECT= $(ELFSIGN_0)

```

```

918 # Rules (normally from make.rules) and macros which are used for post

```

```

919 # processing files. Normally, these do stripping of the comment section
920 # automatically.
921 #   RELEASE_CM:      Should be edited to reflect the release.
922 #   POST_PROCESS_0:  Post-processing for '.o' files.
923 #   POST_PROCESS_A:  Post-processing for '.a' files (currently null).
924 #   POST_PROCESS_S0: Post-processing for '.so' files.
925 #   POST_PROCESS:    Post-processing for executable files (no suffix).
926 # Note that these macros are not completely generalized as they are to be
927 # used with the file name to be processed following.
928 #
929 # It is left as an exercise to Release Engineering to embellish the generation
930 # of the release comment string.
931 #
932 #   If this is a standard development build:
933 #       compress the comment section (mcs -c)
934 #       add the standard comment (mcs -a $(RELEASE_CM))
935 #       add the development specific comment (mcs -a $(DEV_CM))
936 #
937 #   If this is an installation build:
938 #       delete the comment section (mcs -d)
939 #       add the standard comment (mcs -a $(RELEASE_CM))
940 #       add the development specific comment (mcs -a $(DEV_CM))
941 #
942 #   If this is an release build:
943 #       delete the comment section (mcs -d)
944 #       add the standard comment (mcs -a $(RELEASE_CM))
945 #
946 # The following list of macros are used in the definition of RELEASE_CM
947 # which is used to label all binaries in the build:
948 #
949 #   RELEASE      Specific release of the build, eg: 5.2
950 #   RELEASE_MAJOR Major version number part of $(RELEASE)
951 #   RELEASE_MINOR Minor version number part of $(RELEASE)
952 #   VERSION      Version of the build (alpha, beta, Generic)
953 #   PATCHID      If this is a patch this value should contain
954 #                 the patchid value (eg: "Generic 100832-01"), otherwise
955 #                 it will be set to $(VERSION)
956 #   RELEASE_DATE  Date of the Release Build
957 #   PATCH_DATE    Date the patch was created, if this is blank it
958 #                 will default to the RELEASE_DATE
959 #
960 RELEASE_MAJOR= 5
961 RELEASE_MINOR= 11
962 RELEASE= $(RELEASE_MAJOR).$(RELEASE_MINOR)
963 VERSION= SunOS Development
964 PATCHID= $(VERSION)
965 RELEASE_DATE= release date not set
966 PATCH_DATE= $(RELEASE_DATE)
967 RELEASE_CM= "@$(POUND_SIGN))SunOS $(RELEASE) $(PATCHID) $(PATCH_DATE)"
968 DEV_CM= "@$(POUND_SIGN))SunOS Internal Development: non-nightly build"

970 PROCESS_COMMENT= @?${MCS} -d -a $(RELEASE_CM) -a $(DEV_CM)
971 $(RELEASE_BUILD)PROCESS_COMMENT= @?${MCS} -d -a $(RELEASE_CM)

973 STRIP_STABS= $(STRIP) -x $@
974 $(SRCDGBGLD)STRIP_STABS= :

976 POST_PROCESS_0=
977 POST_PROCESS_A=
978 POST_PROCESS_S0= $(PROCESS_COMMENT) $@ ; $(STRIP_STABS) ; \
979                  $(ELFSIGN_OBJECT)
980 POST_PROCESS= $(PROCESS_COMMENT) $@ ; $(STRIP_STABS) ; \
981               $(ELFSIGN_OBJECT)

983 #
984 # chk4ubin is a tool that inspects a module for a symbol table

```

```

985 # ELF section size which can trigger an OBP bug on older platforms.
986 # This problem affects only specific sun4u bootable modules.
987 #
988 CHK4UBIN= $(ONBLD_TOOLS)/bin/$(MACH)/chk4ubin
989 CHK4UBINFLAGS=
990 CHK4UBINARY= $(CHK4UBIN) $(CHK4UBINFLAGS) $@

992 #
993 # PKGARCHIVE specifies the default location where packages should be
994 # placed if built.
995 #
996 $(RELEASE_BUILD)PKGARCHIVESUFFIX= -nd
997 PKGARCHIVE=$(SRC)/../..../packages/$(MACH)/nightly$(PKGARCHIVESUFFIX)

999 #
1000 # The repositories will be created with these publisher settings. To
1001 # update an image to the resulting repositories, this must match the
1002 # publisher name provided to "pkg set-publisher."
1003 #
1004 PKGPUBLISHER_REDIST= on-nightly
1005 PKGPUBLISHER_NONREDIST= on-extra

1007 # Default build rules which perform comment section post-processing.
1008 #
1009 .c:
1010     $(LINK.c) -o $@ $< $(LDLIBS)
1011     $(POST_PROCESS)
1012 .c.o:
1013     $(COMPILE.c) $(OUTPUT_OPTION) $< $(CTFCONVERT_HOOK)
1014     $(POST_PROCESS_0)
1015 .c.a:
1016     $(COMPILE.c) -o $% $<
1017     $(PROCESS_COMMENT) $%
1018     $(AR) $(ARFLAGS) $@ $%
1019     $(RM) $%
1020 .s.o:
1021     $(COMPILE.s) -o $@ $<
1022     $(POST_PROCESS_0)
1023 .s.a:
1024     $(COMPILE.s) -o $% $<
1025     $(PROCESS_COMMENT) $%
1026     $(AR) $(ARFLAGS) $@ $%
1027     $(RM) $%
1028 .cc:
1029     $(LINK.cc) -o $@ $< $(LDLIBS)
1030     $(POST_PROCESS)
1031 .cc.o:
1032     $(COMPILE.cc) $(OUTPUT_OPTION) $<
1033     $(POST_PROCESS_0)
1034 .cc.a:
1035     $(COMPILE.cc) -o $% $<
1036     $(AR) $(ARFLAGS) $@ $%
1037     $(PROCESS_COMMENT) $%
1038     $(RM) $%
1039 .y:
1040     $(YACC.y) $<
1041     $(LINK.c) -o $@ y.tab.c $(LDLIBS)
1042     $(POST_PROCESS)
1043     $(RM) y.tab.c
1044 .y.o:
1045     $(YACC.y) $<
1046     $(COMPILE.c) -o $@ y.tab.c $(CTFCONVERT_HOOK)
1047     $(POST_PROCESS_0)
1048     $(RM) y.tab.c
1049 .l:
1050     $(RM) $*.c

```



## new/usr/src/Makefile.master

```

1051      $(LEX.l) $< > *.c
1052      $(LINK.c) -o $@ *.c -ll $(LDLIBS)
1053      $(POST_PROCESS)
1054      $(RM) *.c
1055 .l.o:
1056      $(RM) *.c
1057      $(LEX.l) $< > *.c
1058      $(COMPILE.c) -o $@ *.c $(CTFCONVERT_HOOK)
1059      $(POST_PROCESS_0)
1060      $(RM) *.c

1062 .bin.o:
1063      $(COMPILE.b) -o $@ $<
1064      $(POST_PROCESS_0)

1066 .java.class:
1067      $(COMPILE.java) $<

1069 # Bourne and Korn shell script message catalog build rules.
1070 # We extract all gettext strings with sed(1) (being careful to permit
1071 # multiple gettext strings on the same line), weed out the dups, and
1072 # build the catalogue with awk(1).

1074 .sh.po .ksh.po:
1075      $(SED) -n -e "a" \
1076      -e "h" \
1077      -e "s/. *gettext *\([^\"]*\)[^\"]*\.[^1/p" \
1078      -e "x" \
1079      -e "s/\(.*\)gettext *\([^\"]*\)[^\"]*\.[^1/2/" \
1080      -e "t a" \
1081      $< | sort -u | awk '{ print "msgid\t" $$0 "\nmsgstr" }' > $@

1083 #
1084 # Python and Perl executable and message catalog build rules.
1085 #
1086 .SUFFIXES: .pl .pm .py .pyc

1088 .pl:
1089      $(RM) $@;
1090      $(SED) -e "s@TEXT_DOMAIN@\"$(TEXT_DOMAIN)\"@" $< > $@;
1091      $(CHMOD) +x $@

1093 .py:
1094      $(RM) $@; $(CAT) $< > $@; $(CHMOD) +x $@

1096 .py.pyc:
1097      $(RM) $@
1098      $(PYTHON) -mpy_compile $<
1099      @[ $(<)c = $@ ] || $(MV) $(<)c $@

1101 .py.po:
1102      $(GNUXGETTEXT) $(GNUXGETFLAGS) -d $(<F%.py=) $< ;

1104 .pl.po .pm.po:
1105      $(XGETTEXT) $(XGETFLAGS) -d $(<F) $< ;
1106      $(RM) $@ ;
1107      $(SED) "/^domain/d" < $(<F).po > $@ ;
1108      $(RM) $(<F).po

1110 #
1111 # When using xgettext, we want messages to go to the default domain,
1112 # rather than the specified one. This special version of the
1113 # COMPILE.cpp macro effectively prevents expansion of TEXT_DOMAIN,
1114 # causing xgettext to put all messages into the default domain.
1115 #
1116 CPPFORPO=$(COMPILE.cpp:\"$(TEXT_DOMAIN)\"=TEXT_DOMAIN)

```

17

## new/usr/src/Makefile.master

```

1118 .c.i:
1119      $(CPPFORPO) $< > $@

1121 .h.i:
1122      $(CPPFORPO) $< > $@

1124 .y.i:
1125      $(YACC) -d $<
1126      $(CPPFORPO) y.tab.c > $@
1127      $(RM) y.tab.c

1129 .l.i:
1130      $(LEX) $<
1131      $(CPPFORPO) lex.yy.c > $@
1132      $(RM) lex.yy.c

1134 .c.po:
1135      $(CPPFORPO) $< > $<.i
1136      $(BUILD.po)

1138 .cc.po:
1139      $(CPPFORPO) $< > $<.i
1140      $(BUILD.po)

1142 .y.po:
1143      $(YACC) -d $<
1144      $(CPPFORPO) y.tab.c > $<.i
1145      $(BUILD.po)
1146      $(RM) y.tab.c

1148 .l.po:
1149      $(LEX) $<
1150      $(CPPFORPO) lex.yy.c > $<.i
1151      $(BUILD.po)
1152      $(RM) lex.yy.c

1154 #
1155 # Rules to perform stylistic checks
1156 #
1157 .SUFFIXES: .x .xml .check .xmlchk

1159 .h.check:
1160      $(DOT_H_CHECK)

1162 .x.check:
1163      $(DOT_X_CHECK)

1165 .xml.xmlchk:
1166      $(MANIFEST_CHECK)

1168 #
1169 # Include rules to render automated sccs get rules "safe".
1170 #
1171 include $(SRC)/Makefile.noget

```

18

new/usr/src/cmd/mdb/Makefile.common

1

\*\*\*\*\*

1938 Wed Aug 26 12:26:44 2015  
new/usr/src/cmd/mdb/Makefile.common  
6117 Many small bugs prevent a clean build on SPARC  
\*\*\*\*\*

```
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 (c) 1999, 2010, Oracle and/or its affiliates. All rights reserved.
22 # Copyright 2013 Nexenta Systems, Inc. All rights reserved.
23 # Copyright 2015 Gary Mills
24 #
25 # MDB modules used for debugging user processes that every ISA's build
26 # subdirectory will need to build.
27 #
28
29 COMMON_MODULES_PROC = \
30     dof \
31     libavl \
32     libc \
33     libcmdutils \
34     libfksmbsrv \
35     libnvpair \
36     libproc \
37     libpython2.6 \
38     libsysevent \
39     libtopo \
40     libumem \
41     libutil \
42     libzpool \
43     mdb_ds \
44     mdb_test
45 #
46 # MDB modules used for debugging user processes which are only 32-bit
47 #
48 COMMON_MODULES_PROC_32BIT = \
49     svc.configd \
50     svc.startd
51
52 #
53 # MDB modules used for debugging kernels.
54 #
55 COMMON_MODULES_KVM = \
56     arp \
57     cpc \
58     crypto \
59     dtrace \
60     emlxs \
```

new/usr/src/cmd/mdb/Makefile.common

2

```
61     fcip \
62     fcp \
63     fctl \
64     genunix \
65     hook \
66     neti \
67     idm \
68     ii \
69     ip \
70     ipc \
71     ipp \
72     krtld \
73     lofs \
74     logindmux \
75     mac \
76     md \
77     mpt_sas \
78     mr_sas \
79     nca \
80     nsctl \
81     nsmb \
82     pmcs \
83     ptm \
84     qlc \
85     random \
86     rdc \
87     s1394 \
88     scsi_vhci \
89     sctp \
90     sd \
91     sdbc \
92     smbfs \
93     smbfsrv \
94     sockfs \
95     specfs \
96     spps \
97     srpt \
98     stmf \
99     stmf_sbd \
100     sv \
101     ufs \
102     usba \
103     zfs
104
105 CLOSED_COMMON_MODULES_KVM = \
106     mpt \
107     nfs
108
109 include $(SRC)/Makefile.master
```

new/usr/src/cmd/mdb/intel/amd64/Makefile

1

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1215 Wed Aug 26 12:26:44 2015  
new/usr/src/cmd/mdb/intel/amd64/Makefile  
6117 Many small bugs prevent a clean build on SPARC  
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```
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27 include ../../Makefile.common

29 MODULES = $(COMMON_MODULES_PROC) $(COMMON_MODULES_KVM) libfksmbsrv uhci
28 MODULES = $(COMMON_MODULES_PROC) $(COMMON_MODULES_KVM) uhci

31 SUBDIRS = mdb mdb_ks kmdb libstandctf libstand .WAIT $(MODULES)

33 include ../../Makefile.subdirs

35 .PARALLEL: $(SUBDIRS)

37 # inter-module dependencies
38 kmdb: libstand libstandctf mdb_ks
```

new/usr/src/cmd/mdb/intel/ia32/Makefile

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1250 Wed Aug 26 12:26:44 2015

new/usr/src/cmd/mdb/intel/ia32/Makefile

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27 include ../../Makefile.common

29 MODULES = $(COMMON_MODULES_PROC) $(COMMON_MODULES_PROC_32BIT) \
30           $(COMMON_MODULES_KVM) libfksmbsrv uhci
29           $(COMMON_MODULES_KVM) uhci

32 SUBDIRS = mdb mdb_ks kmdb libstandctf libstand .WAIT $(MODULES)

34 include ../../Makefile.subdirs

36 .PARALLEL: $(SUBDIRS)

38 # inter-module dependencies
39 kmdb: libstand libstandctf mdb_ks
```

new/usr/src/cmd/sgs/lex/Makefile.com

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2937 Wed Aug 26 12:26:44 2015  
new/usr/src/cmd/sgs/lex/Makefile.com  
6117 Many small bugs prevent a clean build on SPARC  
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27 PROG= lex

29 MACHOBJJS= main.o sub1.o sub2.o sub3.o header.o parser.o
30 POBJECTS= $(MACHOBJJS)
31 POBJS= $(POBJECTS:%=objs/%)

33 LIBRARY= libl.a
34 VERS= .1

36 LIBOBJJS= allprint.o libmain.o reject.o yyles.o yywrap.o
37 LIBOBJJS_w= allprint_w.o reject_w.o yyles_w.o
38 LIBOBJJS_E= reject_e.o yyles_e.o
39 OBJECTS= $(LIBOBJJS) $(LIBOBJJS_w) $(LIBOBJJS_E)

41 FORMS= nceucform ncform nrform

43 include ../../../../lib/Makefile.lib

45 SRCDIR = ../../common

47 C99MODE= $(C99_ENABLE)

49 CERRWARN += -_gcc=-Wno-unused-label
50 CERRWARN += -_gcc=-Wno-uninitialized
51 CERRWARN += -_gcc=-Wno-parentheses

53 # Override default source file derivation rule (in Makefile.lib)
54 # from objects
55 #
56 MACHSRCS= $(MACHOBJJS:%.o=../../common/%.c)
57 LIBSRCS = $(LIBOBJJS:%.o=../../common/%.c)
58 SRCS= $(MACHSRCS) $(LIBSRCS)

60 LIBS = $(DYNLIB) $(LINTLIB)
```

new/usr/src/cmd/sgs/lex/Makefile.com

2

```
62 LINTSRCS= ../../common/llib-1$(LIBNAME)

64 INCLIST= $(INCLIST_$(MACH)) -I../../include -I../../include/$(MACH)
65 DEFLIST= -DCLF

67 # It is not very clean to base the conditional definitions as below, but
68 # this will have to do for now.
69 #
70 #$(LIBOBJJS_w):= DEFLIST = -DEUC -DJLSLEX -DWOPTION -D$*=$*_w
71 objs/%_w.o:= DEFLIST = -DEUC -DJLSLEX -DWOPTION -D$*=$*_w
72 pics/%_w.o:= DEFLIST = -DEUC -DJLSLEX -DWOPTION -D$*=$*_w

74 #$(LIBOBJJS_E):= DEFLIST = -DEUC -DJLSLEX -DEOPTION -D$*=$*_e
75 objs/%_e.o:= DEFLIST = -DEUC -DJLSLEX -DEOPTION -D$*=$*_e
76 pics/%_e.o:= DEFLIST = -DEUC -DJLSLEX -DEOPTION -D$*=$*_e

78 CPPFLAGS= $(INCLIST) $(DEFLIST) $(CPPFLAGS.master)
79 BUILD.AR= $(AR) $(ARFLAGS) $@ '$(LORDER) $(OBJJS) | $(TSORT)'
80 LINTFLAGS= -nuaxm
81 LINTFLAGS64= -nuaxm -m64
79 LINTFLAGS= -amux
82 LINTPOUT= lint.out

82 $(LINTLIB):= LINTFLAGS = -nvx
84 $(ROOTPROG):= FILEMODE = 0555

86 ROOTFORMS= $(FORMS:%=$(ROOTSHLIBCCS)/%)

88 ROOTLINTDIR= $(ROOTLIBDIR)
89 ROOTLINT= $(LINTSRCS:../../common/%=$(ROOTLINTDIR)/%)

91 DYNLINKLIBDIR= $(ROOTLIBDIR)
92 DYNLINKLIB= $(LIBLINKS:%=$(DYNLINKLIBDIR)/%)

94 # Need to make sure lib-make's are warning free
95 $(DYNLIB) := CFLAGS += $(CCVERBOSE)
96 $(DYNLIB) := CFLAGS64 += $(CCVERBOSE)

98 $(DYNLIB) := LDLIBS += -lc

100 CLEANFILES += ../../common/parser.c $(LINTPOUT)
101 ClobberFILES += $(LIBS) $(LIBRARY)
```

new/usr/src/cmd/sgs/libelf/Makefile.com

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3295 Wed Aug 26 12:26:45 2015  
new/usr/src/cmd/sgs/libelf/Makefile.com  
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24 #

26 LIBRARY=      libelf.a
27 VERS=         .1
28 M4=           m4

29 MACHOBJS=
30 COMOBJS=      ar.o      begin.o      cntl.o      cook.o \
31              data.o      end.o      fill.o      flag.o \
32              getarhdr.o  getarsym.o getbase.o  getdata.o \
33              getehdr.o  getident.o getphdr.o  getscn.o \
34              getshdr.o \
35              getphnum.o  getshnum.o getshstrndx.o \
36              hash.o      input.o      kind.o \
37              ndxscn.o    newdata.o newehdr.o  newphdr.o \
38              newscn.o    next.o      nextscn.o  output.o \
39              rand.o      rawdata.o  rawfile.o  rawput.o \
40              strptr.o    update.o   error.o    gelf.o \
41              clscook.o   checksum.o newehdr64.o newphdr64.o update64.o \
42 CLASSOBJS=      clscook64.o checksum64.o
43
44 BLTOBJS=        msg.o      xlate.o      xlate64.o
45 MISCOBJS=       String.o   args.o       demangle.o  nlist.o \
46              nlist.o
47 MISCOBJS64=     nlist.o

49 OBJECTS=        $(BLTOBJS) $(MACHOBJS) $(COMOBJS) $(CLASSOBJS) $(MISCOBJS)

51 include $(SRC)/lib/Makefile.lib

53 # Use the value of M4 set in Makefile.master via Makefile.lib

55 DEMOFILES=      Makefile  @@README  acom.c      dcom.c \
56              pcom.c      tpcom.c      dispsyms.c
57 DEMOFILESRCDIR= ../demo
58 ROOTDEMODIRBASE=$(ROOT)/usr/demo/ELF
59 ROOTDEMODIRS=   $(ROOTDEMODIRBASE)
```

new/usr/src/cmd/sgs/libelf/Makefile.com

2

```
61 include $(SRC)/cmd/sgs/Makefile.com

63 WARLOCKFILES=   $(OBJECTS:%.o=wlocks%.ll)

65 MAPFILES =      ../common/mapfile-vers

67 DYNFLAGS +=     $(VERSREF)
68 LDLIBS +=       $(CONVLIBDIR) $(CONV_LIB) -lc

70 LINTFLAGS +=    -u -errorf=E_BAD_PTR_CAST_ALIGN
71 LINTFLAGS64 +=  -u -errorf=E_CAST_INT_TO_SMALL_INT

73 CERRWARN +=     -_gcc=-Wno-parentheses
74 CERRWARN +=     -_gcc=-Wno-uninitialized

76 BUILD.AR=       $(RM) $@ ; \
77                $(AR) q $@ '$(LORDER) $(OBJECTS:%=$(DIR)/%)| $(TSORT)'
78                $(POST_PROCESS_A)

81 BLTDEFS=         msg.h
82 BLTDATA=         msg.c
83 BLTMESG=        $(SGSMGDIR)/libelf

85 BLTFILES=       $(BLTDEFS) $(BLTDATA) $(BLTMESG)

87 SGMSGSGCOM=     ../common/libelf.msg
88 SGMSGSG32=      ../common/libelf.32.msg
89 SGMSGSGTARG=    $(SGMSGSGCOM)
90 SGMSGSGALL=     $(SGMSGSGCOM) $(SGMSGSG32)

92 SGMSGSGFLAGS1=  $(SGMSGSGFLAGS) -m $(BLTMESG)
93 SGMSGSGFLAGS2=  $(SGMSGSGFLAGS) -h $(BLTDEFS) -d $(BLTDATA) -n libelf_msg

95 BLTSRCS=        $(BLTOBJS:%.o=%.c)
96 LIBSRCS=        $(COMOBJS:%.o=../common/%.c) $(MISCOBJS:%.o=../misc/%.c) \
97                $(MACHOBJS:%.o=%.c) $(BLTSRCS)
98 SRCS=           ../common/lldlib-elf
99 LINTSRCS=       $(LIBSRCS) ../common/lintsup.c

101 ROOTFS_DYNLIB=  $(DYNLIB:%=$(ROOTFS_LIBDIR)/%)
102 ROOTFS_LINTLIB= $(LINTLIB:%=$(ROOTFS_LIBDIR)/%)

104 ROOTFS_DYNLIB64= $(DYNLIB:%=$(ROOTFS_LIBDIR64)/%)
105 ROOTFS_LINTLIB64= $(LINTLIB:%=$(ROOTFS_LIBDIR64)/%)

107 $(ROOTFS_DYNLIB) := FILEMODE= 755
108 $(ROOTFS_DYNLIB64) := FILEMODE= 755

110 LIBS =          $(DYNLIB) $(LINTLIB)

112 CLEANFILES +=   $(LINTOUTS) $(BLTSRCS) $(BLTFILES) $(WARLOCKFILES)

114 .PARALLEL:      $(LIBS)
```

new/usr/src/cmd/sgs/yacc/Makefile.com

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2340 Wed Aug 26 12:26:45 2015  
new/usr/src/cmd/sgs/yacc/Makefile.com  
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27 PROG=          yacc

29 COMOBJS=        y1.o y2.o y3.o y4.o
30 POBJECS=        $(COMOBJS)
31 POBJS=          $(POBJECS:%=objs/%)

33 OBJECTS=        libmai.o libzer.o

35 LIBRARY=        liby.a
36 VERS=          .1
37 YACCPAR=        yaccpar

39 include ../../../../lib/Makefile.lib

41 SRCDIR =        ../../common

43 # Override default source file derivation rule (in Makefile.lib)
44 # from objects
45 #
46 COMSRCS=        $(COMOBJS:%.o=../../common/%.c)
47 LIBSRCS=        $(OBJECTS:%.o=../../common/%.c)
48 SRCS=          $(COMSRCS) $(LIBSRCS)

50 LIBS =          $(DYNLIB) $(LINTLIB)

52 # Tune ZDEFS to ignore undefined symbols for building the yacc shared library
53 # since these symbols (mainly yyparse) are to be resolved elsewhere.
54 #
55 $(DYNLIB):= ZDEFS = $(ZNODEFS)
56 $(DYNLIBBCC):= ZDEFS = $(ZNODEFS)
57 LINTSRCS=        ../../common/lib-l$(LIBNAME)

59 INCLIST=        -I../../include -I../../include/$(MACH)
60 CPPFLAGS=       $(INCLIST) $(DEFLIST) $(CPPFLAGS.master)
61 LDLIBS=         $(LDLIBS.cmd)
```

new/usr/src/cmd/sgs/yacc/Makefile.com

2

```
62 BUILD.AR=      $(AR) $(ARFLAGS) $@ '$(LORDER) $(OBS) | $(TSORT)'
63 LINTFLAGS=      -nuaxm
64 LINTFLAGS64=    -nuaxm -m64
62 LINTFLAGS=      -amux
65 LINTPOUT=       lint.out

67 C99MODE=        $(C99_ENABLE)
68 CFLAGS +=       $(CCVERBOSE)
69 CFLAGS64 +=     $(CCVERBOSE)
70 CERRWARN +=     -_gcc=-wno-parentheses
71 CERRWARN +=     -_gcc=-wno-uninitialized

71 $(LINTLIB):=    LINTFLAGS = -nvx
73 $(ROOTPROG):=   FILEMODE = 0555

75 ROOTYACCPAR=    $(YACCPAR:%=$(ROOTSHLIBCCS)/%)

77 ROOTLINTDIR=    $(ROOTLIBDIR)
78 ROOTLINT=        $(LINTSRCS:../../common/%=$(ROOTLINTDIR)/%)

80 DYNLINKLIBDIR=  $(ROOTLIBDIR)
81 DYNLINKLIB=      $(LIBLINKS:%=$(DYNLINKLIBDIR)/%)

83 $(DYNLIB) :=    LDLIBS += -lc

85 CLEANFILES +=   $(LINTPOUT)
86 CLOBBERFILES += $(LIBS) $(LIBRARY)
```

new/usr/src/lib/Makefile

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14029 Wed Aug 26 12:26:45 2015

new/usr/src/lib/Makefile

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27 # Copyright 2014 Garrett D'Amore <garrett@damore.org>
28 # Copyright (c) 2015 Gary Mills
29 #
30 include ../Makefile.master
31 #
32 # Note that libcurse installs commands along with its library.
33 # This is a minor bug which probably should be fixed.
34 # Note also that a few extra libraries are kept in cmd source.
35 #
36 # Certain libraries are linked with, hence depend on, other libraries.
37 #
38 # Although we have historically used .WAIT to express dependencies, it
39 # reduces the amount of parallelism and thus lengthens the time it
40 # takes to build the libraries. Thus, we now require that any new
41 # libraries explicitly call out their dependencies. Eventually, all
42 # the library dependencies will be called out explicitly. See
43 # "Library interdependencies" near the end of this file.
44 #
45 # Aside from explicit dependencies (and legacy .WAITs), all libraries
46 # are built in parallel.
47 #
48 .PARALLEL:
49 #
50 SUBDIRS= \
51     common .WAIT \
52     ../cmd/sgs/libconv \
53     ../cmd/sgs/libdl .WAIT
54 #
55 SUBDIRS += \
56     libc .WAIT \
57     ../cmd/sgs/libelf .WAIT \
58     c_synonyms \
59     libmd \
60     libmd5 \
61     librsn
```

new/usr/src/lib/Makefile

2

```
62 libmp .WAIT \
63 libnsl \
64 libsecdb .WAIT \
65 librpcsvc \
66 libsocket .WAIT \
67 libsctp \
68 libsip \
69 libcommutil \
70 libresolv \
71 libresolv2 .WAIT \
72 libw .WAIT \
73 libintl .WAIT \
74 ../cmd/sgs/librtld_db \
75 libaio \
76 libast \
77 libdli \
78 libcmd \
79 libshell \
80 libsum \
81 librt \
82 libadm \
83 libctf \
84 libdtrace \
85 libdtrace_jni \
86 libcurse \
87 libtermcap \
88 libgen \
89 libgss \
90 libpam \
91 libuuid \
92 libthread \
93 libpthread .WAIT \
94 libslp \
95 libbsdmalloc \
96 libdoor \
97 libdevinfo \
98 libdladm \
99 libdlpi \
100 libeti \
101 libcrypt \
102 libdns_sd \
103 libefi \
104 libfstyp \
105 libwanboot \
106 libwanbootutil \
107 libcryptoutil \
108 libinetutil \
109 libipadm \
110 libipd \
111 libipmp \
112 libiscsit \
113 libkmb \
114 libkstat \
115 libkvm \
116 liblm \
117 libmalloc \
118 libmapmalloc \
119 libmtmalloc \
120 libnls \
121 libnwam \
122 libsbios \
123 libtecla \
124 libumem \
125 libnvpair .WAIT \
126 libexacct \
127 libsasl \
```



## new/usr/src/lib/Makefile

```

128      libldap5      \
129      libldap      .WAIT \
130      libbsm      \
131      libsys      \
132      libsysevent  \
133      libnisdb     \
134      libpool      \
135      libpp        \
136      libproc      \
137      libproject   \
138      libsendfile  \
139      nametoaddr   \
140      ncad_addr    \
141      hbaapi       \
142      smhba        \
143      sun_fc       \
144      sun_sas      \
145      gss_mechs/mech_krb5 .WAIT \
146      libkrb5      .WAIT \
147      krb5         .WAIT \
148      libsmbsfs    \
149      libfcoe      \
150      libsrpt      \
151      libstmf      \
152      libstmfproxy \
153      libnsctl     \
154      libunistat   \
155      libdscfg     \
156      librdc       \
157      libinstzones \
158      libpkg       \
159      libpcidb     \
160      libm1        \
161      libm         \
162      libmvec      \

165 SUBDIRS += \
166      passwdutil  \
167      pam_modules \
168      crypt_modules \
169      libadt_jni  \
170      abi         \
171      auditd_plugins \
172      libvolmgt   \
173      libdevice   \
174      libdevvid   \
175      libc_db     \
176      libndmp     \
177      libsec      \
178      libtnfprobe \
179      libtnf      \
180      libtnfctl   \
181      libdhcpgent \
182      libdhcputil \
183      libxnet     \
184      libipsecutil \
185      nsswitch    \
186      print       \
187      libuutil    \
188      libscf      \
189      libinetsvc  \
190      librestart  \
191      libsched    \
192      libelfsign  \
193      pkcs11      .WAIT \

```

3

## new/usr/src/lib/Makefile

```

194      libpctx      .WAIT \
195      libcpc       \
196      getloginx    \
197      watchmalloc  \
198      extendedFILE \
199      madv         \
200      mpss         \
201      libdisasm    \
202      libwrap      \
203      libxcurses   \
204      libxcurses2  \
205      libbrand     .WAIT \
206      libzonecfg   \
207      libzoneinfo  \
208      libzonestat  \
209      libtsnet     \
210      libtsol      \
211      gss_mechs/mech_spnego \
212      gss_mechs/mech_dummy \
213      gss_mechs/mech_dh \
214      rpcsec_gss   \
215      libraidcfg   .WAIT \
216      librcm       .WAIT \
217      libcfgadm    .WAIT \
218      libpicl      .WAIT \
219      libpicltree  .WAIT \
220      raidcfg_plugins \
221      cfgadm_plugins \
222      libmail      \
223      lvm          \
224      libsmmedia   \
225      libipp       \
226      libdiskmgt   \
227      liblgrp      \
228      libfsmgmt    \
229      fm           \
230      libavl       \
231      libcmdutils  \
232      libcontract  \
233      ../cmd/sendmail/libmilter \
234      sasl_plugins \
235      udapl        \
236      libzpool     \
237      libzfs_core  \
238      libzfs       \
239      libbe        \
240      pylibbe      \
241      libzfs_jni   \
242      pyzfs        \
243      pysolaris    \
244      libmapid     \
245      brand        \
246      policykit    \
247      hal          \
248      libshare     \
249      libsqlite    \
250      libidmap     \
251      libadutils   \
252      libipmi      \
253      libexacct/demo \
254      libvrrpadm   \
255      libvscan     \
256      libgrubmgmt  \
257      libfakekernel \
258      smbsrv       \
259      libilb       \

```

4

## new/usr/src/lib/Makefile

```

260      scsi          \
261      libima        \
262      libsun_ima    \
263      mpapi         \
264      librstp       \
265      libreparse    \
266      libhotplug    \
267      libfruutils   .WAIT  \
268      libfru        \
269      $($(MACH)_SUBDIRS)

271 i386_SUBDIRS=      \
272      libfdisk       \
273      libsaveargs

275 sparc_SUBDIRS= .WAIT \
276      efcode        \
277      libds         \
278      libdscp       \
279      libprtdiag    .WAIT  \
280      libprtdiag_psr \
281      libpri        \
282      librsc        \
283      storage       \
284      libpcp        \
285      libtsalarm    \
286      libv12n

288 FM_sparc_DEPLIBS= libpri

290 fm:      \
291      libexacct   \
292      libipmi     \
293      libzfs      \
294      scsi        \
295      $(FM_$(MACH)_DEPLIBS)

297 #
298 # Create a special version of $(SUBDIRS) with no .WAIT's, for use with the
299 # clean and clobber targets (for more information, see those targets, below).
300 #
301 NOWAIT_SUBDIRS= $(SUBDIRS:.WAIT=)

303 DCSUBDIRS =      \
304      lvm

306 MSGSUBDIRS=      \
307      abi          \
308      auditd_plugins \
309      brand        \
310      cfgadm_plugins \
311      gss_mechs/mech_dh      \
312      gss_mechs/mech_krb5   \
313      krb5            \
314      libast          \
315      libbsm          \
316      libc            \
317      libcfgadm       \
318      libcmd          \
319      libcontract     \
320      libcurses       \
321      libdhcputil     \
322      libipsecutil    \
323      libdiskmgt      \
324      libdladm        \
325      libdll          \

```

5

## new/usr/src/lib/Makefile

```

326      libgrubmgmt   \
327      libgss         \
328      libidmap       \
329      libipmp        \
330      libilb         \
331      libinetutil    \
332      libinstzones   \
333      libipadm       \
334      libnsl         \
335      libnwam        \
336      libpam         \
337      libpicl        \
338      libpool        \
339      libpkg         \
340      libpp          \
341      libscf         \
342      libsas1        \
343      libldap5       \
344      libsecdb       \
345      libshare       \
346      libshell       \
347      libslldap      \
348      libslp         \
349      libsmbfs       \
350      libsmmedia     \
351      libsum         \
352      libtsol        \
353      libuutil       \
354      libvrrpadm     \
355      libvscan       \
356      libwanboot     \
357      libwanbootutil \
358      libzfs         \
359      libzonecfg     \
360      lvm            \
361      madv           \
362      mpss           \
363      pam_modules    \
364      pyzfs          \
365      pysolaris      \
366      rpcsec_gss     \
367      libreparse     \
368      MSGSUBDIRS += \
369      $($(MACH)_MSGSUBDIRS)

371 sparc_MSGSUBDIRS=      \
372      libprtdiag       \
373      libprtdiag_psr

375 i386_MSGSUBDIRS= libfdisk

377 HDRSUBDIRS=      \
378      auditd_plugins \
379      libast         \
380      libbrand       \
381      libbsm         \
382      libc           \
383      libcmd         \
384      libcmdutils    \
385      libcommputil   \
386      libcontract    \
387      libcp          \
388      libctf         \
389      libcurses      \
390      libtermcap     \
391      libcryptoutil  \

```

6

## new/usr/src/lib/Makefile

```

392 libdevice \
393 libdevvid \
394 libdevinfo \
395 libdiskmgt \
396 libdladm \
397 libdll \
398 libdlpi \
399 libdhcpgagent \
400 libdhcputil \
401 libdisasm \
402 libdns_sd \
403 libdscfg \
404 libdtrace \
405 libdtrace_jni \
406 libelfsign \
407 libeti \
408 libfakekernel \
409 libfru \
410 libfstyp \
411 libgen \
412 libipadm \
413 libipd \
414 libipsecutil \
415 libinetsvc \
416 libinetutil \
417 libinstzones \
418 libipmi \
419 libipmp \
420 libipp \
421 libiscsit \
422 libkstat \
423 libkvm \
424 libmail \
425 libmd \
426 libmtmalloc \
427 libndmp \
428 libnvpair \
429 libnsctl \
430 libnsl \
431 libnwam \
432 libpam \
433 libpcidb \
434 libpctx \
435 libpicl \
436 libpicltree \
437 libpool \
438 libpp \
439 libproc \
440 libraidcfg \
441 librcm \
442 librdc \
443 libscf \
444 libsip \
445 libsmbios \
446 librestart \
447 librpcsvc \
448 librsn \
449 librstp \
450 libsas1 \
451 libsec \
452 libshell \
453 libslp \
454 libsmmedia \
455 libsocket \
456 libsqlite \
457 libfcoe \

```

7

## new/usr/src/lib/Makefile

```

458 libsrpt \
459 libstmf \
460 libstmfproxy \
461 libsum \
462 libsysevent \
463 libtecla \
464 libtnf \
465 libtnfctl \
466 libtnfprobe \
467 libtsnet \
468 libtsol \
469 libvrrpadm \
470 libvolmgt \
471 libumem \
472 libunistat \
473 libuutil \
474 libwanboot \
475 libwanbootutil \
476 libwrap \
477 libxcurses2 \
478 libzfs \
479 libzfs_core \
480 libzfs_jni \
481 libzoneinfo \
482 libzonestat \
483 hal \
484 policykit \
485 lvm \
486 pkcs11 \
487 passwdutil \
488 ../cmd/sendmail/libmilter \
489 fm \
490 udapl \
491 libmapid \
492 libkrb5 \
493 libsmbfs \
494 libshare \
495 libidmap \
496 libvscan \
497 libgrubmgmt \
498 smbsrv \
499 libilb \
500 scsi \
501 hbaapi \
502 smhba \
503 libima \
504 libsun_ima \
505 mpapi \
506 librepase \
507 ${$(MACH)_HDRSUBDIRS}

509 i386_HDRSUBDIRS= \
510 libfdisk \
511 libsaveargs

513 sparc_HDRSUBDIRS= \
514 libds \
515 libdscp \
516 libpri \
517 libv12n \
518 storage

520 all := TARGET= all
521 check := TARGET= check
522 clean := TARGET= clean
523 clobber := TARGET= clobber

```

8

```

524 install :=      TARGET= install
525 install_h :=    TARGET= install_h
526 lint :=        TARGET= lint
527 _dc :=         TARGET= _dc
528 _msg :=         TARGET= _msg

530 .KEEP_STATE:

532 #
533 # For the all and install targets, we clearly must respect library
534 # dependencies so that the libraries link correctly. However, for
535 # the remaining targets (check, clean, clobber, install_h, lint, _dc
536 # and _msg), libraries do not have any dependencies on one another
537 # and thus respecting dependencies just slows down the build.
538 # As such, for these rules, we use pattern replacement to explicitly
539 # avoid triggering the dependency information. Note that for clean,
540 # clobber and lint, we must use $(NOWAIT_SUBDIRS) rather than
541 # $(SUBDIRS), to prevent '.WAIT' from expanding to '.WAIT-nodepend'.
542 #

544 all:              $(SUBDIRS)

546 install:          $(SUBDIRS) .WAIT install_extra

548 # extra libraries kept in other source areas
549 install_extra:
550     @cd ../cmd/sgs; pwd; $(MAKE) install_lib
551     @pwd

553 clean clobber lint: $(NOWAIT_SUBDIRS:%=-nodepend)

555 install_h check:   $(HDRSUBDIRS:%=-nodepend)

557 _msg:              $(MSGSUBDIRS:%=-nodepend) .WAIT _dc

559 _dc:                $(DCSUBDIRS:%=-nodepend)

561 #
562 # Library interdependencies are called out explicitly here
563 #
564 auditd_plugins: libbsm libnsl libsecdb
565 krb5:             gss_mechs/mech_krb5
566 gss_mechs/mech_krb5: libgss libnsl libsocket libresolv pkcs11
567 gss_mechs/mech_spnego: gss_mechs/mech_krb5
568 libadt_jni:        libbsm
569 libast:            libsocket libm
570 libadutils:        libldap5 libresolv libsocket libnsl
571 nsswitch:          libadutils libidmap
572 libbe:             libzfs
573 libbsm:            libtsol
574 libcmd:            libsum libast libsocket libnsl
575 libcmdutils:       libavl libnvpair
576 libcmdutils:       libavl
577 libcontract:       libnvpair
578 libpcp:            libdevinfo
579 libdevinfo:        libnvpair libsec
580 libdhcpcagent:     libsocket libdhcputil libuuid libdlpi libcontract
581 libdhcputil:       libnsl libgen libinetutil libdlpi
582 libdladm:          libdevinfo libinetutil libsocket libscf librcm libnvpair \
583                   libxacct libnsl libkstat libcurses
584 libdevice:         libnvpair
585 libdll:            libast
586 libdlpi:           libinetutil libdladm
587 libds:             libsysevent
588 libdscfg:          libnsctl libunistat libsocket libnsl

```

```

589 libdtrace:        libproc libgen libctf libmapmalloc
584 libdtrace:        libproc libgen libctf
590 libdtrace_jni:    libuutil libdtrace
591 libefi:           libuuid
592 libfcoe:          libdldm
593 libfstyp:         libnvpair
594 libelfsign:       libcryptoutil libkmf
595 libidmap:         libadutils libldap5 libavl libsldap libuutil
596 libipadm:         libnsl libinetutil libsocket libdlpi libnvpair libdhcpcagent \
597                   libdldm libsecdb
598 libiscsit:        libc libnvpair libstmf libuuid libnsl
599 libkmf:           libcryptoutil pkcs11
600 libm:             libc
601 libm1:            libc libm
602 libmvec:          libc libm
603 libnsl:           libmd5
604 libmapid:         libresolv
605 libnisdb:         libnsl libldap5
606 librcm:           libnvpair
607 librdc:           libsocket libnsl libnsctl libunistat libdscfg
608 libuutil:         libdlpi
609 libinetutil:      libsocket
610 libipsecutil:     libtecla libsocket
611 libinstzones:     libzonecfg libcontract
612 libpkg:           libwanboot libscf libadm
613 libnwm:           libscf libbsm libdldm
605 libnwm:           libscf
614 libsecdb:         libnsl
615 libsas:           libgss libsocket pkcs11 libmd
616 sas_plugins:     pkcs11 libgss libsocket libsas
617 libscrp:          libsocket
618 libshell:         libast libcmd libdll libsocket libsecdb libm
619 libsip:           libmd5
620 libsmbs:          libcmdutils libsocket libnsl libkrb5 libsec libidmap
612 libsmbs:          libcmdutils libsocket libnsl libkrb5
621 libsocket:        libnsl
622 libstmfproxy:     libstmf libsocket libnsl libpthread
623 libsum:           libast
624 libsysevent:      libsecdb libnvpair
616 libsysevent:     libsecdb
625 libldap5:         libsas libsocket libnsl libmd
626 libslldap:        libldap5 libtsol libnsl libc libscf libresolv
627 libpool:          libnvpair libxacct
628 libpp:            libast
629 libzonecfg:       libc libsocket libnsl libuuid libnvpair libsysevent libsec \
630                   libbrand libpool libscf
631 libproc:          ../cmd/sgs/librtd_db ../cmd/sgs/libelf libctf libsaveargs
632 libproject:       libpool libproc libsecdb
633 libtermcap:       libcurses
634 libtsnet:         libnsl libtsol libsecdb
635 libwrap:          libnsl libsocket
636 libwanboot:       libnvpair libresolv libnsl libsocket libdevinfo libinetutil \
637                   libdhcputil
638 libwanbootutil:   libnsl
639 pam_modules:      libproject passwdutil smbsrv libtsnet
640 libscf:           libuutil libmd libgen libsmbios libnsl libnvpair
631 pam_modules:     libproject passwdutil smbsrv
632 libscf:           libuutil libmd libgen libsmbios libnsl
641 libnetsvc:       libscf
642 librestart:       libuutil libscf libpool libproject libsecdb libnvpair
634 librestart:       libuutil libscf
643 libsaveargs:      libdisasm
644 ../cmd/sgs/libdl: ../cmd/sgs/libconv
645 ../cmd/sgs/libelf: ../cmd/sgs/libconv
646 passwdutil:       libldap
647 pkcs11:           libcryptoutil libmd

```

```

648 #          Adding libuuid or libdladm results in a circular dependancy
649 pkcs11:    libcryptoutil
650 print:     libldap5
651 udapl/udapl_tavor: udapl/libdat
652 libzfs:     libdevinfo libgen libnvpair libuutil \
653           libadm libavl libefi libidmap libmd libzfs_core libm
654 libzfs_core: libnvpair
655 libzfs_jni: libdiskmgt libnvpair libzfs
656 libzpool:   libavl libumem libnvpair libcmdutils
657 libsec:     libavl libidmap
658 brand:      libc libsocket
659 libshare:   libscf libzfs libuuid libfsmtgt libsecdb libumem libsmmbfs
660 libxacct/demo: libxacct libproject libsocket libnsl
661 libtsalarm: libpcp
662 smbsrv:     libsocket libnsl libmd libxnet libpthread librt \
663           libshare libidmap pkcs11 libsqlite libcryptoutil \
664           librepase libcmdutils libfakekernel
665 libv12n:    libds libuuid
666 libvrrpadm: libsocket libdladm libscf
667 libvscan:   libscf
668 libfru:     libfruutils
669 scsi:       libnvpair libfru
670 mpapi:      libpthread libdevinfo libsyssevent libnvpair
671 sun_fc:     libdevinfo libsyssevent libnvpair
672 libsun_ima: libdevinfo libsyssevent libnsl
673 sun_sas:    libdevinfo libsyssevent libnvpair libkstat libdevinfo
674 libgrubmgt: libdevinfo libzfs libfstyp
675 pylibbe:    libbe libzfs
676 pyzfs:      libnvpair libzfs
677 pysolaris: libsec libidmap
678 librepase:  libnvpair
679 libhotplug: libnvpair
680 cfgadm_plugins: libhotplug
681 libilb:     libsocket
682 libipmi:    libm
683 libprtdiag: libm
684 libsqlite:  libm
685 libstmf:    libm
686 libvscan:   libm

```

```

688 $(INTEL_BUILD)libdiskmgt:libfdisk

```

```

690 #
691 # The reason this rule checks for the existence of the
692 # Makefile is that some of the directories do not exist
693 # in certain situations (e.g., exportable source builds,
694 # OpenSolaris).
695 #
696 $(SUBDIRS): FRC
697     @if [ -f $@/Makefile ]; then \
698         cd $@; pwd; $(MAKE) $(TARGET); \
699     else \
700         true; \
701     fi
702
703 $(SUBDIRS:%=%-nodepend):
704     @if [ -f $@:%-nodepend)/Makefile ]; then \
705         cd $@:%-nodepend=); pwd; $(MAKE) $(TARGET); \
706     else \
707         true; \
708     fi
709
710 FRC:

```

new/usr/src/lib/libcurses/screen/keyname.sh

1

\*\*\*\*\*

2541 Wed Aug 26 12:26:45 2015  
new/usr/src/lib/libcurses/screen/keyname.sh  
6117 Many small bugs prevent a clean build on SPARC  
\*\*\*\*\*

```
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, Version 1.0 only
6 # (the "License"). You may not use this file except in compliance
7 # with the License.
8 #
9 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
10 # or http://www.opensolaris.org/os/licensing.
11 # See the License for the specific language governing permissions
12 # and limitations under the License.
13 #
14 # When distributing Covered Code, include this CDDL HEADER in each
15 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
16 # If applicable, add the following below this CDDL HEADER, with the
17 # fields enclosed by brackets "[]" replaced with your own identifying
18 # information: Portions Copyright [yyyy] [name of copyright owner]
19 #
20 # CDDL HEADER END
21 #
22 #
23 # Copyright 2015 Gary Mills
24 # Copyright 1997 Sun Microsystems, Inc. All rights reserved.
25 # Use is subject to license terms.
26 #
27 #
28 #
29 # Copyright (c) 1988 AT&T
30 # All Rights Reserved
31 #
32 #
33 #
34 # University Copyright- Copyright (c) 1982, 1986, 1988
35 # The Regents of the University of California
36 # All Rights Reserved
37 #
38 # University Acknowledgment- Portions of this document are derived from
39 # software developed by the University of California, Berkeley, and its
40 # contributors.
41 #
42 #
43 #ident "%Z%M% %I% %E% SMI"
44 rm -f keyname.c
45 /usr/bin/print "#include \"curses_inc.h\"\\n\" > keyname.c
46 /usr/bin/print "static char *keystrings[] =\\n\\t\\t{\" >> keyname.c
47 /usr/bin/echo "#include \"curses_inc.h\"\\n\" > keyname.c
48 /usr/bin/echo "static char *keystrings[] =\\n\\t\\t{\" >> keyname.c
49 {
50 {
51 grep -v 'KEY_F(' keycaps | awk '{ print $5, $4 }' | sed -e 's/,//g' -e 's/KE
52 # These three aren't in keycaps
53 echo '0401 BREAK\\n0530 SRESET\\n0531 RESET'
54 } | sort -n | awk '
55 unchanged_portion_omitted
```

new/usr/src/lib/libcurses/screen/maketerm.ed

1

\*\*\*\*\*

12762 Wed Aug 26 12:26:45 2015

new/usr/src/lib/libcurses/screen/maketerm.ed

6117 Many small bugs prevent a clean build on SPARC

\*\*\*\*\*

unchanged\_portion\_omitted

```
286 struct str4 {
287     charptr
288 .
289 1,$s/_Sentinel/Sentinel/
290 w ./tmp/term.h.new
291 e ./tmp/term.h.new
292 g/[      .]_cursor/_s/_cursor/__crsr_/
293 g/[      .]_delete/_s/_delete/__dlt_/
294 g/[      .]_enter/_s/_enter/__entr_/
295 g/[      .]_insert/_s/_insert/__ins_/
296 g/[      .]_key/_s/_key/__ky_/
297 g/[      .]_keypad/_s/_keypad/__kpad_/
298 g/[      .]_label/_s/_label/__labl_/
299 g/[      .]_memory/_s/_memory/__mem_/
300 g/[      .]_parm/_s/_parm/__prm_/
301 g/[      .]_scroll/_s/_scroll/__scrll_/
302 g/^      _.....[,;]          \\/s/, /,/
303 g/^      _.....[,;]          \\/s/, /,/
304 g/^      _.....[,;]          \\/s/, /,/
305 w ./tmp/term.h.new
306 e ./tmp/term.h.new
307 !# the following lines GO away when Vr2 compat code goes away
308 1;/^#define    auto_left_margin/,/^#define    xon_xoff/s/CURB.*/CUR _b/
309 1;/^#define    auto_left_margin/,/^#define    xon_xoff/w ./tmp/tmp.term.h
310 1;/^#define    auto_left_margin/,/^#define    xon_xoff/d
311 !/usr/bin/print '{printf "%s\\d\\n", $0,++i}' > ./tmp/tmp.awk
311 !/usr/bin/echo '{printf "%s\\d\\n", $0,++i}' > ./tmp/tmp.awk
312 .-1r !awk -f ./tmp/tmp.awk < ./tmp/tmp.term.h
313 1;/^#define    columns/,/^#define    width_status_line/s/CURN.*/CUR _c/
314 1;/^#define    columns/,/^#define    width_status_line/w ./tmp/tmp.term.h
315 1;/^#define    columns/,/^#define    width_status_line/d
316 !/usr/bin/print '{printf "%s\\d\\n", $0,++i}' > ./tmp/tmp.awk
316 !/usr/bin/echo '{printf "%s\\d\\n", $0,++i}' > ./tmp/tmp.awk
317 .-1r !awk -f ./tmp/tmp.awk < ./tmp/tmp.term.h
318 1;/^#define    back_tab/,/^#define    lab_f8/s/CURS.*/CUR _Vr2_Astrs._s/
319 1;/^#define    back_tab/,/^#define    lab_f8/w ./tmp/tmp.term.h
320 1;/^#define    back_tab/,/^#define    lab_f8/d
321 !/usr/bin/print '{printf "%s\\d\\n", $0,++i}' > ./tmp/tmp.awk
321 !/usr/bin/echo '{printf "%s\\d\\n", $0,++i}' > ./tmp/tmp.awk
322 .-1r !awk -f ./tmp/tmp.awk < ./tmp/tmp.term.h
323 1;/^#define    lab_f9/,/^#define    prtr_non/s/CURS.*/CUR _Vr2_Bstrs._s/
324 1;/^#define    lab_f9/,/^#define    prtr_non/w ./tmp/tmp.term.h
325 1;/^#define    lab_f9/,/^#define    prtr_non/d
326 !/usr/bin/print 'BEGIN{i=100}\\n{printf "%s\\d\\n", $0,++i}' > ./tmp/tmp.awk
326 !/usr/bin/echo 'BEGIN{i=100}\\n{printf "%s\\d\\n", $0,++i}' > ./tmp/tmp.awk
327 .-1r !awk -f ./tmp/tmp.awk < ./tmp/tmp.term.h
328 !rm -f ./tmp/tmp.term.h ./tmp/tmp.awk
329 w ./tmp/term.h.new
330 e ./tmp/term.h.new
331 !# Vr2 compat code ends here
332 1i
333 #ifndef _TERM_H
334 #define _TERM_H

336 /*
337  * term.h - this file is automatically made from caps and maketerm.ed.
338  * Don't make changes directly to term.h.
339  */
```

new/usr/src/lib/libcurses/screen/maketerm.ed

2

```
341 #ifdef    __cplusplus
342 extern    "C" {
343 #endif

345 .
346 $a

348 struct    _str_struct {
349     struct str4 str4;
350     struct str2 str2;
351     struct str3 str3;
352     struct str4 str4;
353 };
unchanged_portion_omitted
```

new/usr/src/lib/pkcs11/pkcs11\_tpm/Makefile.com

1

\*\*\*\*\*

2251 Wed Aug 26 12:26:45 2015  
new/usr/src/lib/pkcs11/pkcs11\_tpm/Makefile.com  
6117 Many small bugs prevent a clean build on SPARC  
\*\*\*\*\*

```
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 2015 Gary Mills
22 # Copyright 2009 Sun Microsystems, Inc. All rights reserved.
23 # Use is subject to license terms.
24 #
25 LIBRARY =      pkcs11_tpm.a
26 VERS =        .1

28 OBJECTS= api_interface.o \
29          apiutil.o \
30          asn1.o \
31          cert.o \
32          data_obj.o \
33          decr_mgr.o \
34          dig_mgr.o \
35          encr_mgr.o \
36          globals.o \
37          hwr_obj.o \
38          key.o \
39          key_mgr.o \
40          loadsave.o \
41          log.o \
42          mech_md5.o \
43          mech_rsa.o \
44          mech_sha.o \
45          new_host.o \
46          obj_mgr.o \
47          object.o \
48          sess_mgr.o \
49          sign_mgr.o \
50          template.o \
51          tpm_specific.o \
52          utility.o \
53          verify_mgr.o

56 include $(SRC)/lib/Makefile.lib

58 SRCDIR= ../common

60 SRCS=      $(OBJECTS:%.o=$(SRCDIR)/%.c)
```

new/usr/src/lib/pkcs11/pkcs11\_tpm/Makefile.com

2

```
62 #          set signing mode
63 POST_PROCESS_S0 +=      ; $(ELFSIGN_CRYPT0)

65 ROOTLIBDIR=$(ROOT)/usr/lib/security
66 ROOTLIBDIR64=$(ROOT)/usr/lib/security/$(MACH64)

68 LIBS=$(DYNLIB) $(DYNLIB64)

70 TSSROOT=$(ADJUNCT_PROTO)
70 TSPILIBDIR=$(TSSROOT)/usr/lib
71 TSPINCDIR=$(TSSROOT)/usr/include
72 TSSLIB=-L$(TSPILIBDIR)
73 TSSLIB64=-L$(TSPILIBDIR)/$(MACH64)
72 TSSINC=-I$(TSPINCDIR)

74 LDLIBS += -lc -luuid -lmd -ltspi -lcrypto
76 LDLIBS += $(TSSLIB) -L$(ADJUNCT_PROTO)/lib -lc -luuid -lmd -ltspi -lcrypto
75 CPPFLAGS += -xCC -D_POSIX_PTHREAD_SEMANTICS $(TSSINC)
76 CPPFLAGS64 += $(CPPFLAGS)
77 C99MODE=      $(C99_ENABLE)

79 CERRWARN +=      -_gcc=-Wno-parentheses
80 CERRWARN +=      -_gcc=-Wno-unused-label
81 CERRWARN +=      -_gcc=-Wno-uninitialized

83 LINTSRC= $(OBJECTS:%.o=$(SRCDIR)/%.c)

85 $(LINTLIB):=      SRCS      =      $(SRCDIR)/$(LINTSRC)
86 LINTSRC= $(SRCS)

88 CLOBBERFILES += C.ln

90 .KEEP_STATE:

92 all: $(LIBS)
93
94 lint: $$$(LINTSRC)
95      $$(LINT.c) $$(LINTCHECKFLAGS) $(LINTSRC) $(LDLIBS)

97 pics/%.o: $(SRCDIR)/%.c
98      $$(COMPILE.c) -o $$@ $<
99      $(POST_PROCESS_0)

101 include $(SRC)/lib/Makefile.targ
```



new/usr/src/pkg/manifests/developer-dtrace.mf

1

\*\*\*\*\*

27398 Wed Aug 26 12:26:45 2015

new/usr/src/pkg/manifests/developer-dtrace.mf

6117 Many small bugs prevent a clean build on SPARC

\*\*\*\*\*

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

```
26 #
27 # Copyright (c) 2012 by Delphix. All rights reserved.
28 # Copyright 2015 Gary Mills
29 #
```

```
31 set name=pkg.fmri value=pkg:/developer/dtrace@$(PKGVERS)
32 set name=pkg.description value="Dynamic Tracing (DTrace) Clients"
33 set name=pkg.summary value="DTrace Clients"
34 set name=info.classification \
35     value=org.opensolaris.category.2008:Development/System
36 set name=variant.arch value=$(ARCH)
37 dir path=usr group=sys
38 dir path=usr/demo
39 dir path=usr/demo/dtrace
40 dir path=usr/include
41 dir path=usr/include/sys
42 dir path=usr/lib
43 dir path=usr/lib/$(ARCH64)
44 dir path=usr/lib/devfsadm group=sys
45 dir path=usr/lib/devfsadm/linkmod group=sys
46 dir path=usr/lib/dtrace
47 dir path=usr/lib/dtrace/64
48 dir path=usr/lib/mdb group=sys
49 dir path=usr/lib/mdb/kvm group=sys
50 dir path=usr/lib/mdb/kvm/$(ARCH64) group=sys
51 dir path=usr/lib/mdb/raw group=sys
52 dir path=usr/lib/mdb/raw/$(ARCH64) group=sys
53 dir path=usr/sbin
54 dir path=usr/sbin/$(ARCH32)
55 dir path=usr/sbin/$(ARCH64)
56 dir path=usr/share
57 dir path=usr/share/lib
58 dir path=usr/share/lib/java group=sys
59 dir path=usr/share/lib/java/javadoc group=other
60 dir path=usr/share/lib/java/javadoc/dtrace group=other
61 dir path=usr/share/lib/java/javadoc/dtrace/api group=other
```

new/usr/src/pkg/manifests/developer-dtrace.mf

2

```
62 dir path=usr/share/lib/java/javadoc/dtrace/api/org group=other
63 dir path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris group=other
64 dir path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os group=other
65 dir path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace \
66     group=other
67 dir \
68     path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
69     group=other
70 dir path=usr/share/lib/java/javadoc/dtrace/api/resources group=other
71 dir path=usr/share/lib/java/javadoc/dtrace/examples group=other
72 dir path=usr/share/lib/java/javadoc/dtrace/html group=other
73 dir path=usr/share/lib/java/javadoc/dtrace/images group=other
74 dir path=usr/share/man/man1m
75 dir path=usr/share/man/man3lib
76 file path=usr/demo/dtrace/applicat.d
77 file path=usr/demo/dtrace/badopen.d
78 file path=usr/demo/dtrace/begin.d
79 file path=usr/demo/dtrace/callout.d
80 file path=usr/demo/dtrace/clause.d
81 file path=usr/demo/dtrace/clear.d
82 file path=usr/demo/dtrace/countdown.d
83 file path=usr/demo/dtrace/counter.d
84 file path=usr/demo/dtrace/dateprof.d
85 file path=usr/demo/dtrace/delay.d
86 file path=usr/demo/dtrace/denorm.d
87 file path=usr/demo/dtrace/end.d
88 file path=usr/demo/dtrace/error.d
89 file path=usr/demo/dtrace/errorpath.d
90 file path=usr/demo/dtrace/find.d
91 file path=usr/demo/dtrace/firebird.d
92 file path=usr/demo/dtrace/hello.d
93 file path=usr/demo/dtrace/howlong.d
94 file path=usr/demo/dtrace/index.html
95 file path=usr/demo/dtrace/interp.d
96 file path=usr/demo/dtrace/interval.d
97 file path=usr/demo/dtrace/intr.d
98 file path=usr/demo/dtrace/iocpu.d
99 file path=usr/demo/dtrace/iosnoop.d
100 file path=usr/demo/dtrace/iotrough.d
101 file path=usr/demo/dtrace/iotime.d
102 file path=usr/demo/dtrace/ipio.d
103 file path=usr/demo/dtrace/ipproto.d
104 file path=usr/demo/dtrace/iprb.d
105 file path=usr/demo/dtrace/kstat.d
106 file path=usr/demo/dtrace/ksyms.d
107 file path=usr/demo/dtrace/libc.d
108 file path=usr/demo/dtrace/lquantize.d
109 file path=usr/demo/dtrace/lwptime.d
110 file path=usr/demo/dtrace/normalize.d
111 file path=usr/demo/dtrace/nscd.d
112 file path=usr/demo/dtrace/pri.d
113 file path=usr/demo/dtrace/printa.d
114 file path=usr/demo/dtrace/pritime.d
115 file path=usr/demo/dtrace/prof.d
116 file path=usr/demo/dtrace/profpri.d
117 file path=usr/demo/dtrace/proftime.d
118 file path=usr/demo/dtrace/putnext.d
119 file path=usr/demo/dtrace/qlen.d
120 file path=usr/demo/dtrace/qtime.d
121 file path=usr/demo/dtrace/renormalize.d
122 file path=usr/demo/dtrace/retest.d
123 file path=usr/demo/dtrace/ring.d
124 file path=usr/demo/dtrace/rtime.d
125 file path=usr/demo/dtrace/rwinfo.d
126 file path=usr/demo/dtrace/rwtime.d
127 file path=usr/demo/dtrace/sig.d
```

```
128 file path=usr/demo/dtrace/soffice.d
129 file path=usr/demo/dtrace/spec.d
130 file path=usr/demo/dtrace/specopen.d
131 file path=usr/demo/dtrace/ssd.d
132 file path=usr/demo/dtrace/syscall.d
133 file path=usr/demo/dtrace/tcp1stbyte.d
134 file path=usr/demo/dtrace/tcpbytes.d
135 file path=usr/demo/dtrace/tcpbytesstat.d
136 file path=usr/demo/dtrace/tcpconnlat.d
137 file path=usr/demo/dtrace/tcpio.d
138 file path=usr/demo/dtrace/tcpioflags.d
139 file path=usr/demo/dtrace/tcprst.d
140 file path=usr/demo/dtrace/tcpsnoop.d
141 file path=usr/demo/dtrace/tcpstate.d
142 file path=usr/demo/dtrace/tcptop.d
143 file path=usr/demo/dtrace/tick.d
144 file path=usr/demo/dtrace/ticktime.d
145 file path=usr/demo/dtrace/time.d
146 file path=usr/demo/dtrace/tracewrite.d
147 file path=usr/demo/dtrace/trunc.d
148 file path=usr/demo/dtrace/trussrw.d
149 file path=usr/demo/dtrace/udpbytes.d
150 file path=usr/demo/dtrace/udpbytesstat.d
151 file path=usr/demo/dtrace/udpio.d
152 file path=usr/demo/dtrace/udpsnoop.d
153 file path=usr/demo/dtrace/udptop.d
154 file path=usr/demo/dtrace/userfunc.d
155 file path=usr/demo/dtrace/whatfor.d
156 file path=usr/demo/dtrace/whatlock.d
157 file path=usr/demo/dtrace/where.d
158 file path=usr/demo/dtrace/whererun.d
159 file path=usr/demo/dtrace/whoexec.d
160 file path=usr/demo/dtrace/whofor.d
161 file path=usr/demo/dtrace/whoio.d
162 file path=usr/demo/dtrace/whopreempt.d
163 file path=usr/demo/dtrace/whoqueue.d
164 file path=usr/demo/dtrace/whosteal.d
165 file path=usr/demo/dtrace/whowrite.d
166 file path=usr/demo/dtrace/writes.d
167 file path=usr/demo/dtrace/writesbycmd.d
168 file path=usr/demo/dtrace/writesbycmdfd.d
169 file path=usr/demo/dtrace/writetime.d
170 file path=usr/demo/dtrace/writetimeq.d
171 file path=usr/demo/dtrace/xioctl.d
172 file path=usr/demo/dtrace/xterm.d
173 file path=usr/demo/dtrace/xwork.d
174 file path=usr/include/dtrace.h
175 file path=usr/include/sys/dtrace.h
176 file path=usr/include/sys/dtrace_impl.h
177 file path=usr/include/sys/fasttrap.h
178 file path=usr/include/sys/fasttrap_impl.h
179 file path=usr/include/sys/fasttrap_isa.h
180 file path=usr/include/sys/lockstat.h
181 file path=usr/include/sys/sdt.h
182 file path=usr/lib/$(ARCH64)/libdtrace.so.1
183 file path=usr/lib/$(ARCH64)/libdtrace_jni.so.1
184 file path=usr/lib/$(ARCH64)/llib-ldtrace.ln
185 file path=usr/lib/devfsadm/linkmod/SUNW_dtrace_link.so group=sys
186 file path=usr/lib/dtrace/64/drti.o mode=0444
187 file path=usr/lib/dtrace/64/libdtrace_forceload.so mode=0555
188 file path=usr/lib/dtrace/drti.o mode=0444
189 file path=usr/lib/dtrace/errno.d mode=0444
190 file path=usr/lib/dtrace/fc.d mode=0444
191 file path=usr/lib/dtrace/io.d mode=0444
192 file path=usr/lib/dtrace/ip.d mode=0444
193 file path=usr/lib/dtrace/iscsit.d mode=0444
```

```
194 file path=usr/lib/dtrace/libdtrace_forceload.so mode=0555
195 file path=usr/lib/dtrace/net.d mode=0444
196 file path=usr/lib/dtrace/nfs.d mode=0444
197 file path=usr/lib/dtrace/nfssrv.d mode=0444
198 file path=usr/lib/dtrace/procfs.d mode=0444
199 file path=usr/lib/dtrace/regs.d mode=0444
200 file path=usr/lib/dtrace/sched.d mode=0444
201 file path=usr/lib/dtrace/scsi.d mode=0444
202 file path=usr/lib/dtrace/signal.d mode=0444
203 file path=usr/lib/dtrace/srp.d mode=0444
204 file path=usr/lib/dtrace/sysevent.d mode=0444
205 file path=usr/lib/dtrace/tcp.d mode=0444
206 file path=usr/lib/dtrace/udp.d mode=0444
207 file path=usr/lib/dtrace/unistd.d mode=0444
208 file path=usr/lib/libdtrace.so.1
209 file path=usr/lib/libdtrace_jni.so.1
210 file path=usr/lib/llib-ldtrace
211 file path=usr/lib/llib-ldtrace.ln
212 file path=usr/lib/mdb/kvm/$(ARCH64)/dtrace.so group=sys mode=0555
213 $(i386_ONLY)file path=usr/lib/mdb/kvm/dtrace.so group=sys mode=0555
214 file path=usr/lib/mdb/raw/$(ARCH64)/dof.so group=sys mode=0555
215 file path=usr/lib/mdb/raw/dof.so group=sys mode=0555
216 file path=usr/sbin/$(ARCH32)/dtrace mode=0555
217 $(i386_ONLY)file path=usr/sbin/$(ARCH32)/intrstat mode=0555
218 $(i386_ONLY)file path=usr/sbin/$(ARCH32)/lockstat mode=0555
219 $(i386_ONLY)file path=usr/sbin/$(ARCH32)/plockstat mode=0555
220 file path=usr/sbin/$(ARCH64)/dtrace mode=0555
221 file path=usr/sbin/$(ARCH64)/intrstat mode=0555
222 file path=usr/sbin/$(ARCH64)/lockstat mode=0555
223 file path=usr/sbin/$(ARCH64)/plockstat mode=0555
224 file path=usr/share/lib/java/dtrace.jar group=sys
225 file path=usr/share/lib/java/javadoc/dtrace/api/allclasses-frame.html \
226   group=other
227 file path=usr/share/lib/java/javadoc/dtrace/api/allclasses-noframe.html \
228   group=other
229 file path=usr/share/lib/java/javadoc/dtrace/api/constant-values.html \
230   group=other
231 file path=usr/share/lib/java/javadoc/dtrace/api/deprecated-list.html \
232   group=other
233 file path=usr/share/lib/java/javadoc/dtrace/api/help-doc.html group=other
234 file path=usr/share/lib/java/javadoc/dtrace/api/index-all.html group=other
235 file path=usr/share/lib/java/javadoc/dtrace/api/index.html group=other
236 file \
237   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Aggrega
238   group=other
239 file \
240   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Aggrega
241   group=other
242 file \
243   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Aggrega
244   group=other
245 file \
246   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Aggrega
247   group=other
248 file \
249   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/AvgValu
250   group=other
251 file \
252   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Consume
253   group=other
254 file \
255   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Consume
256   group=other
257 file \
258   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Consume
259   group=other
```

```
260 file \
261   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Consume
262   group=other
263 file \
264   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Consume
265   group=other
266 file \
267   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Consume
268   group=other
269 file \
270   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/CountVa
271   group=other
272 file \
273   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/DTraceE
274   group=other
275 file \
276   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/DataEve
277   group=other
278 file \
279   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Distrib
280   group=other
281 file \
282   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Distrib
283   group=other
284 file \
285   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Drop.Ki
286   group=other
287 file \
288   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Drop.ht
289   group=other
290 file \
291   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/DropEve
292   group=other
293 file \
294   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Error.h
295   group=other
296 file \
297   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/ErrorEv
298   group=other
299 file \
300   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Excepti
301   group=other
302 file \
303   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/ExitRec
304   group=other
305 file \
306   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Flow.Ki
307   group=other
308 file \
309   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Flow.ht
310   group=other
311 file \
312   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Interfa
313   group=other
314 file \
315   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Interfa
316   group=other
317 file \
318   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Interfa
319   group=other
320 file \
321   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Kernels
322   group=other
323 file \
324   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Kernels
325   group=other
```

```
326 file \
327   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/LinearD
328   group=other
329 file \
330   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/LocalCo
331   group=other
332 file \
333   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/LogDist
334   group=other
335 file \
336   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/LogLine
337   group=other
338 file \
339   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/MaxValu
340   group=other
341 file \
342   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/MinValu
343   group=other
344 file \
345   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Option.
346   group=other
347 file \
348   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/PrintaR
349   group=other
350 file \
351   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/PrintfR
352   group=other
353 file \
354   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Probe.h
355   group=other
356 file \
357   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/ProbeDa
358   group=other
359 file \
360   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/ProbeDa
361   group=other
362 file \
363   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/ProbeDe
364   group=other
365 file \
366   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/ProbeDe
367   group=other
368 file \
369   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/ProbeIn
370   group=other
371 file \
372   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Process
373   group=other
374 file \
375   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Process
376   group=other
377 file \
378   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Process
379   group=other
380 file \
381   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Program
382   group=other
383 file \
384   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Program
385   group=other
386 file \
387   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Program
388   group=other
389 file \
390   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Record.
391   group=other
```

```
392 file \
393   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/ScalarR
394   group=other
395 file \
396   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/StackFr
397   group=other
398 file \
399   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/StackVa
400   group=other
401 file \
402   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/StddevV
403   group=other
404 file \
405   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/SumValu
406   group=other
407 file \
408   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/SymbolV
409   group=other
410 file \
411   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/Tuple.h
412   group=other
413 file \
414   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/UserSta
415   group=other
416 file \
417   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/UserSym
418   group=other
419 file \
420   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/UserSym
421   group=other
422 file \
423   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/ValueRe
424   group=other
425 file \
426   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
427   group=other
428 file \
429   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
430   group=other
431 file \
432   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
433   group=other
434 file \
435   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
436   group=other
437 file \
438   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
439   group=other
440 file \
441   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
442   group=other
443 file \
444   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
445   group=other
446 file \
447   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
448   group=other
449 file \
450   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
451   group=other
452 file \
453   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
454   group=other
455 file \
456   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
457   group=other
```

```
458 file \
459   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
460   group=other
461 file \
462   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
463   group=other
464 file \
465   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
466   group=other
467 file \
468   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
469   group=other
470 file \
471   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
472   group=other
473 file \
474   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
475   group=other
476 file \
477   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
478   group=other
479 file \
480   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
481   group=other
482 file \
483   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
484   group=other
485 file \
486   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
487   group=other
488 file \
489   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
490   group=other
491 file \
492   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
493   group=other
494 file \
495   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
496   group=other
497 file \
498   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
499   group=other
500 file \
501   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
502   group=other
503 file \
504   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
505   group=other
506 file \
507   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
508   group=other
509 file \
510   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
511   group=other
512 file \
513   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
514   group=other
515 file \
516   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
517   group=other
518 file \
519   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
520   group=other
521 file \
522   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
523   group=other
```

```
524 file \
525   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
526   group=other
527 file \
528   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
529   group=other
530 file \
531   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
532   group=other
533 file \
534   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
535   group=other
536 file \
537   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
538   group=other
539 file \
540   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
541   group=other
542 file \
543   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
544   group=other
545 file \
546   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
547   group=other
548 file \
549   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
550   group=other
551 file \
552   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
553   group=other
554 file \
555   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
556   group=other
557 file \
558   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
559   group=other
560 file \
561   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
562   group=other
563 file \
564   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
565   group=other
566 file \
567   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
568   group=other
569 file \
570   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
571   group=other
572 file \
573   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
574   group=other
575 file \
576   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
577   group=other
578 file \
579   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
580   group=other
581 file \
582   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
583   group=other
584 file \
585   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
586   group=other
587 file \
588   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
589   group=other
```

```
590 file \
591   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
592   group=other
593 file \
594   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
595   group=other
596 file \
597   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
598   group=other
599 file \
600   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
601   group=other
602 file \
603   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
604   group=other
605 file \
606   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
607   group=other
608 file \
609   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
610   group=other
611 file \
612   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/class-u
613   group=other
614 file \
615   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/package
616   group=other
617 file \
618   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/package
619   group=other
620 file \
621   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/package
622   group=other
623 file \
624   path=usr/share/lib/java/javadoc/dtrace/api/org/opensolaris/os/dtrace/package
625   group=other
626 file path=usr/share/lib/java/javadoc/dtrace/api/overview-tree.html group=other
627 file path=usr/share/lib/java/javadoc/dtrace/api/package-list group=other
628 $(i386_ONLY)file \
629   path=usr/share/lib/java/javadoc/dtrace/api/resources/background.gif \
627 file path=usr/share/lib/java/javadoc/dtrace/api/resources/background.gif \
630   group=other
631 $(i386_ONLY)file path=usr/share/lib/java/javadoc/dtrace/api/resources/tab.gif \
629 file path=usr/share/lib/java/javadoc/dtrace/api/resources/tab.gif group=other
630 file path=usr/share/lib/java/javadoc/dtrace/api/resources/titlebar.gif \
632   group=other
633 $(i386_ONLY)file \
634   path=usr/share/lib/java/javadoc/dtrace/api/resources/titlebar.gif \
632 file path=usr/share/lib/java/javadoc/dtrace/api/resources/titlebar_end.gif \
635   group=other
636 $(i386_ONLY)file \
637   path=usr/share/lib/java/javadoc/dtrace/api/resources/titlebar_end.gif \
638   group=other
639 file path=usr/share/lib/java/javadoc/dtrace/api/serialized-form.html \
640   group=other
641 file path=usr/share/lib/java/javadoc/dtrace/api/stylesheets.css group=other
642 file path=usr/share/lib/java/javadoc/dtrace/examples/TestAPI.java group=other
643 file path=usr/share/lib/java/javadoc/dtrace/examples/TestAPI2.java group=other
644 file path=usr/share/lib/java/javadoc/dtrace/examples/TestTarget.java \
645   group=other
646 file path=usr/share/lib/java/javadoc/dtrace/examples/hello.d group=other
647 file path=usr/share/lib/java/javadoc/dtrace/examples/intrstat.d group=other
648 file path=usr/share/lib/java/javadoc/dtrace/examples/syscall.d group=other
649 file path=usr/share/lib/java/javadoc/dtrace/examples/target.d group=other
650 file path=usr/share/lib/java/javadoc/dtrace/html/JavaDTraceAPI.html \
651   group=other
```

new/usr/src/pkg/manifests/developer-dtrace.mf

11

```
652 file path=usr/share/lib/java/javadoc/dtrace/html/fast.html group=other
653 file path=usr/share/lib/java/javadoc/dtrace/images/JavaDTraceAPI.gif \
654     group=other
655 file path=usr/share/man/man1m/dtrace.1m
656 file path=usr/share/man/man1m/intrstat.1m
657 file path=usr/share/man/man1m/lockstat.1m
658 file path=usr/share/man/man1m/plockstat.1m
659 file path=usr/share/man/man3lib/libdtrace.3lib
660 hardlink path=usr/sbin/dtrace target=../../usr/lib/isaexec
661 hardlink path=usr/sbin/intrstat target=../../usr/lib/isaexec
662 hardlink path=usr/sbin/lockstat target=../../usr/lib/isaexec
663 hardlink path=usr/sbin/plockstat target=../../usr/lib/isaexec
664 legacy pkg=SUNWdtrc desc="Dynamic Tracing (DTrace) Clients" \
665     name="DTrace Clients"
666 license cr_Sun license=cr_Sun
667 license lic_CDDL license=lic_CDDL
668 link path=usr/lib/${ARCH64}/libdtrace.so target=libdtrace.so.1
669 link path=usr/lib/${ARCH64}/libdtrace_jni.so target=libdtrace_jni.so.1
670 link path=usr/lib/libdtrace.so target=libdtrace.so.1
671 link path=usr/lib/libdtrace_jni.so target=libdtrace_jni.so.1
```

new/usr/src/pkg/manifests/service-network-dns-mdns.mf

1

\*\*\*\*\*

9165 Wed Aug 26 12:26:46 2015  
new/usr/src/pkg/manifests/service-network-dns-mdns.mf  
6117 Many small bugs prevent a clean build on SPARC  
\*\*\*\*\*

```
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 #
23 # Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
24 # Copyright 2012 Nexenta Systems, Inc. All rights reserved.
25 # Copyright 2015 Gary Mills
26 #
27 #
28 set name=pkg.fmri value=pkg:/service/network/dns/mdns@$(PKGVERS)
29 set name=pkg.description \
30 value="Root components for Multicast DNS daemon and service discovery support"
31 set name=pkg.summary value="Multicast DNS and Service Discovery"
32 set name=info.classification \
33 value=org.opensolaris.category.2008:System/Services
34 set name=variant.arch value=$(ARCH)
35 dir path=lib
36 dir path=lib/svc
37 dir path=lib/svc/manifest group=sys
38 dir path=lib/svc/manifest/network group=sys
39 dir path=lib/svc/manifest/network/dns group=sys
40 dir path=usr group=sys
41 dir path=usr/bin
42 dir path=usr/include
43 dir path=usr/lib
44 dir path=usr/lib/$(ARCH64)
45 dir path=usr/lib/inet
46 dir path=usr/share
47 dir path=usr/share/lib
48 dir path=usr/share/lib/java group=sys
49 dir path=usr/share/lib/java/javadoc group=other
50 dir path=usr/share/lib/java/javadoc/dnssd group=other
51 dir path=usr/share/lib/java/javadoc/dnssd/api group=other
52 dir path=usr/share/lib/java/javadoc/dnssd/api/com group=other
53 dir path=usr/share/lib/java/javadoc/dnssd/api/com/apple group=other
54 dir path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd group=other
55 dir path=usr/share/lib/java/javadoc/dnssd/api/resources group=other
56 dir path=usr/share/lib/java/javadoc/dnssd/examples group=other
57 dir path=usr/share/man
58 dir path=usr/share/man/man1m
59 dir path=usr/share/man/man3dns_sd
60 dir path=usr/share/man/man3lib
61 file path=lib/svc/manifest/network/dns/multicast.xml group=sys mode=0444
```

new/usr/src/pkg/manifests/service-network-dns-mdns.mf

2

```
62 file path=usr/bin/dns-sd mode=0555
63 file path=usr/include/dns_sd.h
64 file path=usr/lib/$(ARCH64)/libdns_sd.so.1
65 file path=usr/lib/$(ARCH64)/libjdns_sd.so.1
66 file path=usr/lib/$(ARCH64)/llib-ldns_sd.ln
67 file path=usr/lib/$(ARCH64)/nss_mdns.so.1
68 file path=usr/lib/inet/mdnsd mode=0555
69 file path=usr/lib/libdns_sd.so.1
70 file path=usr/lib/libjdns_sd.so.1
71 file path=usr/lib/llib-ldns_sd
72 file path=usr/lib/llib-ldns_sd.ln
73 file path=usr/lib/nss_mdns.so.1
74 file path=usr/share/lib/java/dnssd.jar group=sys
75 file path=usr/share/lib/java/javadoc/dnssd/api/allclasses-frame.html \
76 group=other
77 file path=usr/share/lib/java/javadoc/dnssd/api/allclasses-noframe.html \
78 group=other
79 file \
80 path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/BaseListener.html
81 group=other
82 file \
83 path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/BrowseListener.htm
84 group=other
85 file path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/DNSRecord.html \
86 group=other
87 file path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/DNSSD.html \
88 group=other
89 file \
90 path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/DNSSDException.htm
91 group=other
92 file \
93 path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/DNSSDRecordRegistr
94 group=other
95 file \
96 path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/DNSSDRegistration.
97 group=other
98 file \
99 path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/DNSSDService.html
100 group=other
101 file \
102 path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/DomainListener.htm
103 group=other
104 file \
105 path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/QueryListener.html
106 group=other
107 file \
108 path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/RegisterListener.h
109 group=other
110 file \
111 path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/RegisterRecordList
112 group=other
113 file \
114 path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/ResolveListener.ht
115 group=other
116 file path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/TXTRecord.html \
117 group=other
118 file \
119 path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/package-frame.html
120 group=other
121 file \
122 path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/package-summary.ht
123 group=other
124 file \
125 path=usr/share/lib/java/javadoc/dnssd/api/com/apple/dnssd/package-tree.html
126 group=other
127 file path=usr/share/lib/java/javadoc/dnssd/api/constant-values.html \
```

```

128     group=other
129 file path=usr/share/lib/java/javadoc/dnssd/api/deprecated-list.html \
130     group=other
131 file path=usr/share/lib/java/javadoc/dnssd/api/help-doc.html group=other
132 file path=usr/share/lib/java/javadoc/dnssd/api/index-all.html group=other
133 file path=usr/share/lib/java/javadoc/dnssd/api/index.html group=other
134 file path=usr/share/lib/java/javadoc/dnssd/api/overview-tree.html group=other
135 file path=usr/share/lib/java/javadoc/dnssd/api/package-list group=other
136 $(i386_ONLY)file \
137     path=usr/share/lib/java/javadoc/dnssd/api/resources/background.gif \
138 file path=usr/share/lib/java/javadoc/dnssd/api/resources/background.gif \
139     group=other
139 $(i386_ONLY)file path=usr/share/lib/java/javadoc/dnssd/api/resources/tab.gif \
137 file path=usr/share/lib/java/javadoc/dnssd/api/resources/tab.gif group=other
138 file path=usr/share/lib/java/javadoc/dnssd/api/resources/titlebar.gif \
140     group=other
141 $(i386_ONLY)file \
142     path=usr/share/lib/java/javadoc/dnssd/api/resources/titlebar.gif \
140 file path=usr/share/lib/java/javadoc/dnssd/api/resources/titlebar_end.gif \
143     group=other
144 $(i386_ONLY)file \
145     path=usr/share/lib/java/javadoc/dnssd/api/resources/titlebar_end.gif \
146     group=other
147 file path=usr/share/lib/java/javadoc/dnssd/api/serialized-form.html \
148     group=other
149 file path=usr/share/lib/java/javadoc/dnssd/api/stylesheet.css group=other
150 file path=usr/share/lib/java/javadoc/dnssd/examples/BrowserApp.jar group=sys
151 file path=usr/share/lib/java/javadoc/dnssd/examples/SimpleChat.jar group=sys
152 file path=usr/share/man/man1m/dns-sd.1m
153 file path=usr/share/man/man3dns_sd/DNSServiceBrowse.3dns_sd
154 file path=usr/share/man/man3dns_sd/DNSServiceConstructFullName.3dns_sd
155 file path=usr/share/man/man3dns_sd/DNSServiceCreateConnection.3dns_sd
156 file path=usr/share/man/man3dns_sd/DNSServiceEnumerateDomains.3dns_sd
157 file path=usr/share/man/man3dns_sd/DNSServiceProcessResult.3dns_sd
158 file path=usr/share/man/man3dns_sd/DNSServiceQueryRecord.3dns_sd
159 file path=usr/share/man/man3dns_sd/DNSServiceReconfirmRecord.3dns_sd
160 file path=usr/share/man/man3dns_sd/DNSServiceRefDeallocate.3dns_sd
161 file path=usr/share/man/man3dns_sd/DNSServiceRefSockFD.3dns_sd
162 file path=usr/share/man/man3dns_sd/DNSServiceRegister.3dns_sd
163 file path=usr/share/man/man3dns_sd/DNSServiceResolve.3dns_sd
164 file path=usr/share/man/man3dns_sd/TXTRecordCreate.3dns_sd
165 file path=usr/share/man/man3lib/libdns_sd.3lib
166 legacy pkg=SUNWdsdr \
167     desc="Root components for Multicast DNS daemon and service discovery support"
168     name="Multicast DNS and Service Discovery (Root)"
169 legacy pkg=SUNWdsdu desc="Multicast DNS daemon and service discovery modules" \
170     name="Multicast DNS and Service Discovery (Usr)"
171 license cr_Sun license=cr_Sun
172 license lic_CDDL license=lic_CDDL
173 license usr/src/cmd/cmd-inet/usr.lib/mdnsd/THIRDPARTYLICENSE \
174     license=usr/src/cmd/cmd-inet/usr.lib/mdnsd/THIRDPARTYLICENSE
175 license usr/src/lib/libdns_sd/THIRDPARTYLICENSE \
176     license=usr/src/lib/libdns_sd/THIRDPARTYLICENSE
177 link path=usr/lib/$(ARCH64)/libdns_sd.so target=libdns_sd.so.1
178 link path=usr/lib/$(ARCH64)/libjdns_sd.so target=libjdns_sd.so.1
179 link path=usr/lib/libdns_sd.so target=libdns_sd.so.1
180 link path=usr/lib/libjdns_sd.so target=libjdns_sd.so.1
181 link path=usr/share/man/man3dns_sd/DNSServiceAddRecord.3dns_sd \
182     target=DNSServiceCreateConnection.3dns_sd
183 link path=usr/share/man/man3dns_sd/DNSServiceRegisterRecord.3dns_sd \
184     target=DNSServiceCreateConnection.3dns_sd
185 link path=usr/share/man/man3dns_sd/DNSServiceRemoveRecord.3dns_sd \
186     target=DNSServiceCreateConnection.3dns_sd
187 link path=usr/share/man/man3dns_sd/DNSServiceUpdateRecord.3dns_sd \
188     target=DNSServiceCreateConnection.3dns_sd
189 link path=usr/share/man/man3dns_sd/TXTRecordContainsKey.3dns_sd \

```

```

190     target=TXTRecordCreate.3dns_sd
191 link path=usr/share/man/man3dns_sd/TXTRecordDeallocate.3dns_sd \
192     target=TXTRecordCreate.3dns_sd
193 link path=usr/share/man/man3dns_sd/TXTRecordGetBytesPtr.3dns_sd \
194     target=TXTRecordCreate.3dns_sd
195 link path=usr/share/man/man3dns_sd/TXTRecordGetCount.3dns_sd \
196     target=TXTRecordCreate.3dns_sd
197 link path=usr/share/man/man3dns_sd/TXTRecordGetItemAtIndex.3dns_sd \
198     target=TXTRecordCreate.3dns_sd
199 link path=usr/share/man/man3dns_sd/TXTRecordGetLength.3dns_sd \
200     target=TXTRecordCreate.3dns_sd
201 link path=usr/share/man/man3dns_sd/TXTRecordGetValuePtr.3dns_sd \
202     target=TXTRecordCreate.3dns_sd
203 link path=usr/share/man/man3dns_sd/TXTRecordRemoveValue.3dns_sd \
204     target=TXTRecordCreate.3dns_sd
205 link path=usr/share/man/man3dns_sd/TXTRecordSetValue.3dns_sd \
206     target=TXTRecordCreate.3dns_sd

```