

new/usr/src/cmd/cmd-crypto/decrypt/Makefile

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*****
1583 Wed Apr 30 17:51:41 2008
new/usr/src/cmd/cmd-crypto/decrypt/Makefile
6418676 encrypt(1) and decrypt(1) could benefit from being 64-bit programs
*****
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24 #
25 # ident "@(#)Makefile 1.6 08/04/30 SMI"
25 # ident "@(#)Makefile 1.5 07/02/02 SMI"
26 #
27 #
28 PROG= decrypt
29 ROOTLINK= $(ROOTBIN)/encrypt
30 DCFILE=$(PROG).dc
28 PROG = decrypt
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new/usr/src/cmd/cmd-crypto/decrypt/Makefile

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45 $(LINK.c) $(OBJS) -o $@ $(LDLIBS) $(DYNFLAGS)
46 $(POST_PROCESS)
47 #
48 #
49 #
50 #
51 #
52 $(SUBDIRS): FRC
53 @cd $@; pwd; $(MAKE) $(TARGET)
48 install: all $(ROOTPROG)
49 $(RM) $(ROOTBIN)/encrypt
50 $(LN) $(ROOTPROG) $(ROOTBIN)/encrypt
51 #
52 #
53 #
54 #
55 $(DCFILE):
56 $(RM) messages.po
57 $(XGETTEXT) $(XGETFLAGS) -t $(PROG).c
58 $(SED) -e '/^domain/d' messages.po > $@
59 $(RM) messages.po
52 clean:
53 $(RM) -f $(OBJS) $(PROG)
61 FRC:
55 lint: lint_SRCS
63 include ../../Makefile.targ
```

```

*****
1583 Wed Apr 30 17:51:47 2008
new/usr/src/cmd/cmd-crypto/decrypt/Makefile.com
6418676 encrypt(1) and decrypt(1) could benefit from being 64-bit programs
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22 # Copyright 2008 Sun Microsystems, Inc. All rights reserved.
23 # Use is subject to license terms.
24 #
25 # ident "@(#)Makefile.com 1.1 08/04/30 SMI"
26 #

28 PROG = decrypt

30 ROOTLINK32= $(ROOTBIN32)/encrypt
31 ROOTLINK64= $(ROOTBIN64)/encrypt

33 OBJS = decrypt.o

35 SRCS = $(OBJS:%.o=./%.c)

37 include ../../../../Makefile.cmd

39 CFLAGS += $(CCVERBOSE)
40 CFLAGS64 += $(CCVERBOSE)
41 CPPFLAGS += -D_FILE_OFFSET_BITS=64

43 LDLIBS += -lkmf -lpkcs11 -lcryptoutil

45 .KEEP_STATE:

47 all: $(PROG)

49 lint: lint_SRCS

51 include ../../../../Makefile.targ

53 %.o: ../%.c
54 $(COMPILE.c) $<

56 $(PROG): $(OBJS)
57 $(LINK.c) $(OBJS) -o $@ $(LDLIBS) $(DYNFLAGS)
58 $(POST_PROCESS)

60 $(ROOTLINK32): $(ROOTPROG32)
61 $(RM) $@

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62 $(LN) $(ROOTPROG32) $@

64 $(ROOTLINK64): $(ROOTPROG64)
65 $(RM) $@
66 $(LN) $(ROOTPROG64) $@

68 clean:
69 $(RM) $(PROG) $(OBJS)

```

new/usr/src/cmd/cmd-crypto/decrypt/amd64/Makefile

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1043 Wed Apr 30 17:51:50 2008

new/usr/src/cmd/cmd-crypto/decrypt/amd64/Makefile

6418676 encrypt(1) and decrypt(1) could benefit from being 64-bit programs

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19 # CDDL HEADER END
20 #
21 #
22 # Copyright 2008 Sun Microsystems, Inc. All rights reserved.
23 # Use is subject to license terms.
24 #
25 # ident "@(#)Makefile 1.1 08/04/30 SMI"
26 #
27 #
28 include ../Makefile.com
29 include ../../../Makefile.cmd.64
30 #
31 install: all $(ROOTPROG64) $(ROOTLINK64)
```

```

*****
30830 Wed Apr 30 17:51:54 2008
new/usr/src/cmd/cmd-crypto/decrypt/decrypt.c
6418676 encrypt(1) and decrypt(1) could benefit from being 64-bit programs
*****
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16 * fields enclosed by brackets "[]" replaced with your own identifying
17 * information: Portions Copyright [yyyy] [name of copyright owner]
18 *
19 * CDDL HEADER END
20 */
21 /* Portions Copyright 2005 Richard Lowe */
22 */
23 * Copyright 2008 Sun Microsystems, Inc. All rights reserved.
24 * Copyright 2007 Sun Microsystems, Inc. All rights reserved.
25 * Use is subject to license terms.
26 */

27 #pragma ident      "@(#)decrypt.c 1.14 08/04/30 SMI"
28 #pragma ident      "@(#)decrypt.c 1.13 07/10/04 SMI"

29 /*
30  * decrypt.c
31  *
32  * Implements encrypt(1) and decrypt(1) commands
33  *
34  * One binary performs both encrypt/decrypt operation.
35  *
36  * Usage:
37  * -a algorithm mechanism name without CKM_ prefix. Case
38  * usage:
39  *
40  * algorithm - mechanism name without CKM_ prefix. Case
41  * does not matter
42  * -k keyfile file containing key data. If not specified user is
43  * keyfile - file containing key data. If not specified user is
44  * prompted to enter key. key length > 0 is required
45  * -i infile input file to encrypt/decrypt. If omitted, stdin used.
46  * -o outfile output file to encrypt/decrypt. If omitted, stdout used.
47  * infile - input file to encrypt/decrypt. If omitted, stdin used.
48  * outfile - output file to encrypt/decrypt. If omitted, stdout used.
49  * if infile & outfile are same, a temp file is used for
50  * output and infile is replaced with this file after
51  * operation is complete
52  * -l Display the list of algorithms
53  * -v Display verbose information
54  * -T tokenspec Specify a PKCS#11 token (optionally used with -K)
55  * -K keylabel Specify the symmetric PKCS#11 token key label
56  * operation is complete.
57  *
58  * Implementation notes:
59  * IV data - It is generated by random bytes equal to one block size.

```

```

49 * iv data - It is generated by random bytes equal to one block size.
50 *
51 * Encrypted output format -
52 * encrypted output format -
53 *
54 * - Output format version number - 4 bytes in network byte order.
55 * - Iterations used in key gen function, 4 bytes in network byte order.
56 * - IV ('ivlen' bytes). Length is algorithm-dependent (see mech_aliases)
57 * - IV ('ivlen' bytes)
58 * - IV ('ivlen' bytes)
59 * - Salt data used in key gen (16 bytes)
60 * - Cipher text data (remainder of the file)
61 * - cipher text data.
62 */

63 #include <stdio.h>
64 #include <stdlib.h>
65 #include <unistd.h>
66 #include <errno.h>
67 #include <fcntl.h>
68 #include <ctype.h>
69 #include <strings.h>
70 #include <libintl.h>
71 #include <libgen.h>
72 #include <locale.h>
73 #include <limits.h>
74 #include <sys/types.h>
75 #include <sys/stat.h>
76 #include <netinet/in.h>
77 #include <security/cryptoki.h>
78 #include <cryptoutil.h>
79 #include <kmfapi.h>

80 #define BUFFERSIZE (2048) /* Buffer size for reading file */
81 #define BLOCKSIZE (128) /* Largest guess for block size */
82 #define PROGRESSSIZE (BUFFERSIZE*20) /* stdin progress indicator size */

83 #define SUNW_ENCRYPT_FILE_VERSION 1

84 /*
85  * Exit Status codes
86  */
87 #ifndef EXIT_SUCCESS
88 #define EXIT_SUCCESS 0 /* No errors */
89 #define EXIT_FAILURE 1 /* All errors except usage */
90 #endif /* EXIT_SUCCESS */

91 #define EXIT_USAGE 2 /* usage/syntax error */

92 #define ENCRYPT_NAME "encrypt" /* name of encrypt command */
93 #define ENCRYPT_OPTIONS "a:T:K:k:i:o:lv" /* options for encrypt */
94 #define DECRYPT_NAME "decrypt" /* name of decrypt command */
95 #define DECRYPT_OPTIONS "a:T:K:k:i:o:lv" /* options for decrypt */

96 /*
97  * Structure containing info for encrypt/decrypt
98  * command
99  */
100 struct CommandInfo {
101     char *name; /* name of the command */
102     char *options; /* command line options */
103     CK_FLAGS flags;
104     CK_ATTRIBUTE_TYPE type; /* type of command */
105 };

106 /* function pointers for various operations */
107 CK_RV (*Init)(CK_SESSION_HANDLE, CK_MECHANISM_PTR, CK_OBJECT_HANDLE);
108 CK_RV (*Update)(CK_SESSION_HANDLE, CK_BYTE_PTR, CK_ULONG, CK_BYTE_PTR,

```

```

114         CK_ULONG_PTR);
115     CK_RV      (*Crypt)(CK_SESSION_HANDLE, CK_BYTE_PTR, CK_ULONG, CK_BYTE_PTR,
116                     CK_ULONG_PTR);
117     CK_RV      (*Final)(CK_SESSION_HANDLE, CK_BYTE_PTR, CK_ULONG_PTR);
118 };
    _____
    unchanged_portion_omitted_
161 static CK_BBOOL truevalue = TRUE;
162 static CK_BBOOL falsevalue = FALSE;

164 static boolean_t aflag = B_FALSE; /* -a <algorithm> flag, required */
165 static boolean_t kflag = B_FALSE; /* -k <keyfile> flag */
166 static boolean_t iflag = B_FALSE; /* -i <infile> flag, use stdin if absent */
167 static boolean_t oflag = B_FALSE; /* -o <outfile> flag, use stdout if absent */
168 static boolean_t lflag = B_FALSE; /* -l flag (list) */
169 static boolean_t vflag = B_FALSE; /* -v flag (verbose) */
170 static boolean_t Tflag = B_FALSE; /* -T flag (tokenspec) */
171 static boolean_t Kflag = B_FALSE; /* -K flag (keylabel) */
168 static boolean_t Tflag = B_FALSE;
169 static boolean_t Kflag = B_FALSE;

173 static char *keyfile = NULL; /* name of keyfile */
174 static char *inputfile = NULL; /* name of input file */
175 static char *outputfile = NULL; /* name of output file */
176 static char *token_label = NULL; /* name of PKCS#11 token */
177 static char *key_label = NULL; /* name of PKCS#11 token key label */
174 static char *token_label = NULL;
175 static char *key_label = NULL;

179 static int status_pos = 0; /* current position of progress bar element */

181 /*
182  * function prototypes
183  */
184 static void usage(struct CommandInfo *cmd);
185 static int execute_cmd(struct CommandInfo *cmd, char *algo_str);
186 static int crypt_multipart(struct CommandInfo *cmd, CK_SESSION_HANDLE hSession,
187                          int infd, int outfd, off_t insize);

189 int
190 main(int argc, char **argv)
191 {

193     extern char *optarg;
194     extern int optind;
195     char *optstr;
196     char c; /* current getopt flag */
197     char *algo_str = NULL; /* algorithm string */
198     struct CommandInfo *cmd;
199     char *cmdname; /* name of command */
200     boolean_t errflag = B_FALSE;

202     (void) setlocale(LC_ALL, "");
203 #if !defined(TEXT_DOMAIN) /* Should be defined by cc -D */
204 #define TEXT_DOMAIN /* Should be defined by cc -D */
205 #endif
206     (void) textdomain(TEXT_DOMAIN);

208     /*
209      * Based on command name, determine
210      * type of command.
211      */
212     cmdname = basename(argv[0]);

214     cryptodebug_init(cmdname);

```

```

216     if (strcmp(cmdname, encrypt_cmd.name) == 0) {
217         cmd = &encrypt_cmd;
218     } else if (strcmp(cmdname, decrypt_cmd.name) == 0) {
219         cmd = &decrypt_cmd;
220     } else {
221         cryptoerror(LOG_STDERR, gettext(
222             "command name must be either encrypt or decrypt"));
223         exit(EXIT_USAGE);
224     }

226     optstr = cmd->options;

228     /* Parse command line arguments */
229     while (!errflag && (c = getopt(argc, argv, optstr)) != -1) {

231         switch (c) {
232         case 'a':
233             aflag = B_TRUE;
234             algo_str = optarg;
235             break;
236         case 'k':
237             kflag = B_TRUE;
238             keyfile = optarg;
239             break;
240         case 'T':
241             Tflag = B_TRUE;
242             token_label = optarg;
243             break;
244         case 'K':
245             Kflag = B_TRUE;
246             key_label = optarg;
247             break;
248         case 'i':
249             iflag = B_TRUE;
250             inputfile = optarg;
251             break;
252         case 'o':
253             oflag = B_TRUE;
254             outputfile = optarg;
255             break;
256         case 'l':
257             lflag = B_TRUE;
258             break;
259         case 'v':
260             vflag = B_TRUE;
261             break;
262         default:
263             errflag = B_TRUE;
264         }
265     }

267     if (errflag || (!aflag && !lflag) || (lflag && argc > 2) ||
268         (kflag && Kflag) || (Tflag && !Kflag) ||
269         (optind < argc)) {
270         usage(cmd);
271         exit(EXIT_USAGE);
272     }

274     return (execute_cmd(cmd, algo_str));
275 }
    _____
    unchanged_portion_omitted_

408 /*
409  * Execute the command.

```

```

410 * cmd - command pointing to type of operation.
411 * algo_str - alias of the algorithm passed.
412 */
413 static int
414 execute_cmd(struct CommandInfo *cmd, char *algo_str)
415 {
416     CK_RV rv;
417     CK_ULONG slotcount;
418     CK_SLOT_ID slotID;
419     CK_SLOT_ID_PTR pSlotList = NULL;
420     CK_MECHANISM_TYPE mech_type = 0;
421     CK_MECHANISM_INFO info, kg_info;
422     CK_MECHANISM mech;
423     CK_SESSION_HANDLE hSession = CK_INVALID_HANDLE;
424     CK_BYTE_PTR pkeydata = NULL;
425     CK_BYTE salt[CK_PKCS5_PBKD2_SALT_SIZE];
426     CK_ULONG keysize = 0;
427     int i, slot, mek; /* index variables */
428     int status;
429     struct stat insbuf; /* stat buf for infile */
430     struct stat outsbuf; /* stat buf for outfile */
431     char tmpnam[PATH_MAX]; /* tmp file name */
432     CK_OBJECT_HANDLE key = (CK_OBJECT_HANDLE) 0;
433     int infd = 0; /* input file, stdin default */
434     int outfd = 1; /* output file, stdout default */
435     char *outfilename = NULL;
436     boolean_t errflag = B_TRUE;
437     boolean_t inoutsame = B_FALSE; /* if both input & output are same */
438     CK_BYTE_PTR pivbuf = NULL_PTR;
439     CK_ULONG ivlen = 0L;
440     int mech_match = 0;
441     uint32_t iterations = CK_PKCS5_PBKD2_ITERATIONS;
442     CK_ULONG iterations = CK_PKCS5_PBKD2_ITERATIONS;
443     CK_ULONG keylen;
444     uint32_t version = SUNW_ENCRYPT_FILE_VERSION;
445     int version = SUNW_ENCRYPT_FILE_VERSION;
446     CK_KEY_TYPE keytype;
447     KMF_RETURN kmfrv;
448     CK_SLOT_ID token_slot_id;

448     if (aflag) {
449         /* Determine if algorithm is valid */
450         for (mech_match = 0; mech_match < MECH_ALIASES_COUNT;
451             mech_match++) {
452             if (strcmp(algo_str,
453                 mech_aliases[mech_match].alias) == 0) {
454                 mech_type = mech_aliases[mech_match].type;
455                 break;
456             }
457         }

459         if (mech_match == MECH_ALIASES_COUNT) {
460             cryptoerror(LOG_STDERR,
461                 gettext("unknown algorithm -- %s"), algo_str);
462             return (EXIT_FAILURE);
463         }

465         /*
466          * Process keyfile or get the token pin if -K is specified.
467          *
468          * If a keyfile is provided, get the key data from
469          * the file. Otherwise, prompt for a passphrase. The
470          * passphrase is used as the key data.
471          */
472         if (Kflag) {
473             /* get the pin of the token */

```

```

474         if (token_label == NULL || !strlen(token_label)) {
475             token_label = pkcs11_default_token();
476         }

478         status = pkcs11_get_pass(token_label,
479             (char **)&pkeydata, (size_t *)&keysize, 0, B_FALSE);
480     } else if (kflag) {
481         /* get the key file */
482         status = pkcs11_read_data(keyfile, (void **)&pkeydata,
483             (size_t *)&keysize);
484     } else {
485         /* get the key from input */
486         status = pkcs11_get_pass(NULL, (char **)&pkeydata,
487             (size_t *)&keysize, 0, B_FALSE);
488     }

490     if (status == -1 || keysize == 0L) {
491         cryptoerror(LOG_STDERR,
492             Kflag ? gettext("invalid password.") :
493             gettext("invalid key."));
494         return (EXIT_FAILURE);
495     }
496 }

498     bzero(salt, sizeof (salt));
499     /* Initialize pkcs */
500     rv = C_Initialize(NULL);
501     if (rv != CKR_OK && rv != CKR_CRYPTOKI_ALREADY_INITIALIZED) {
502         cryptoerror(LOG_STDERR, gettext("failed to initialize "
503             "PKCS #11 framework: %s"), pkcs11_strerror(rv));
504         goto cleanup;
505     }

507     /* Get slot count */
508     rv = C_GetSlotList(0, NULL_PTR, &slotcount);
509     if (rv != CKR_OK || slotcount == 0) {
510         cryptoerror(LOG_STDERR, gettext(
511             "failed to find any cryptographic provider, "
512             "please check with your system administrator: %s"),
513             pkcs11_strerror(rv));
514         goto cleanup;
515     }

517     /* Found at least one slot, allocate memory for slot list */
518     pSlotList = malloc(slotcount * sizeof (CK_SLOT_ID));
519     if (pSlotList == NULL_PTR) {
520         int err = errno;
521         cryptoerror(LOG_STDERR, gettext("malloc: %s"), strerror(err));
522         goto cleanup;
523     }

525     /* Get the list of slots */
526     if ((rv = C_GetSlotList(0, pSlotList, &slotcount)) != CKR_OK) {
527         cryptoerror(LOG_STDERR, gettext(
528             "failed to find any cryptographic provider, "
529             "please check with your system administrator: %s"),
530             pkcs11_strerror(rv));
531         goto cleanup;
532     }

534     if (lflag) {

536         /* Iterate through slots */
537         for (slot = 0; slot < slotcount; slot++) {

539             /* Iterate through each mechanism */

```

```

540     for (mek = 0; mek < MECH_ALIASES_COUNT; mek++) {
541         rv = C_GetMechanismInfo(pSlotList[slot],
542             mech_aliases[mek].type, &info);
543
544         if (rv != CKR_OK)
545             continue;
546
547         /*
548          * Set to minimum/maximum key sizes assuming
549          * the values available are not 0.
550          */
551         if (info.ulMinKeySize && (info.ulMinKeySize <
552             mech_aliases[mek].keysize_min))
553             mech_aliases[mek].keysize_min =
554                 info.ulMinKeySize;
555
556         if (info.ulMaxKeySize && (info.ulMaxKeySize >
557             mech_aliases[mek].keysize_max))
558             mech_aliases[mek].keysize_max =
559                 info.ulMaxKeySize;
560
561         mech_aliases[mek].available = B_TRUE;
562     }
563
564 }
565
566 algorithm_list();
567
568 errflag = B_FALSE;
569 goto cleanup;
570 }
571
572 /*
573  * Find a slot with matching mechanism
574  *
575  * If -K is specified, we find the slot id for the token first, then
576  * check if the slot supports the algorithm.
577  */
578 i = 0;
579 if (Kflag) {
580     kmfrv = kmf_pk11_token_lookup(NULL, token_label,
581         &token_slot_id);
582     if (kmfrv != KMF_OK) {
583         cryptoerror(LOG_STDERR,
584             gettext("no matching PKCS#11 token"));
585         errflag = B_TRUE;
586         goto cleanup;
587     }
588     rv = C_GetMechanismInfo(token_slot_id, mech_type, &info);
589     if (rv == CKR_OK && (info.flags & cmd->flags))
590         slotID = token_slot_id;
591     else
592         i = slotcount;
593 } else {
594     for (i = 0; i < slotcount; i++) {
595         slotID = pSlotList[i];
596         rv = C_GetMechanismInfo(slotID, mech_type, &info);
597         if (rv != CKR_OK) {
598             continue; /* to the next slot */
599         } else {
600             /*
601              * If the slot support the crypto, also
602              * make sure it supports the correct
603              * key generation mech if needed.
604              */

```

```

606         * We need PKCS5 when RC4 is used or
607         * when the key is entered on cmd line.
608         */
609         if ((info.flags & cmd->flags) &&
610             (mech_type == CKM_RC4) ||
611             (keyfile == NULL)) {
612             rv = C_GetMechanismInfo(slotID,
613                 CKM_PKCS5_PBKD2, &kg_info);
614             if (rv == CKR_OK)
615                 break;
616         } else if (info.flags & cmd->flags) {
617             break;
618         }
619     }
620 }
621
622 /* Show error if no matching mechanism found */
623 if (i == slotcount) {
624     cryptoerror(LOG_STDERR,
625         gettext("no cryptographic provider was "
626             "found for this algorithm -- %s"), algo_str);
627     goto cleanup;
628 }
629
630 /* Open a session */
631 rv = C_OpenSession(slotID, CKF_SERIAL_SESSION,
632     NULL_PTR, NULL, &hSession);
633
634 if (rv != CKR_OK) {
635     cryptoerror(LOG_STDERR,
636         gettext("can not open PKCS #11 session: %s"),
637         pkcs11_strerror(rv));
638     goto cleanup;
639 }
640
641 /*
642  * Generate IV data for encrypt.
643  */
644 ivlen = mech_aliases[mech_match].ivlen;
645 if ((pivbuf = malloc((size_t)ivlen)) == NULL) {
646     int err = errno;
647     cryptoerror(LOG_STDERR, gettext("malloc: %s"),
648         strerror(err));
649     goto cleanup;
650 }
651
652 if (cmd->type == CKA_ENCRYPT) {
653     if ((pkcs11_random_data((void *)pivbuf,
654         mech_aliases[mech_match].ivlen) != 0) {
655         cryptoerror(LOG_STDERR, gettext(
656             "Unable to generate random "
657             "data for initialization vector."));
658         goto cleanup;
659     }
660 }
661
662 /*
663  * Create the key object
664  */
665 rv = pkcs11_mech2keytype(mech_type, &keytype);
666 if (rv != CKR_OK) {
667     cryptoerror(LOG_STDERR,
668         gettext("unable to find key type for algorithm."));
669     goto cleanup;
670 }
671

```

```

673     /* Open input file */
674     if (iflag) {
675         if ((infd = open(inputfile, O_RDONLY | O_NONBLOCK)) == -1) {
676             cryptoerror(LOG_STDERR, gettext(
677                 "can not open input file %s"), inputfile);
678             goto cleanup;
679         }
681         /* Get info on input file */
682         if (fstat(infd, &insbuf) == -1) {
683             cryptoerror(LOG_STDERR, gettext(
684                 "can not stat input file %s"), inputfile);
685             goto cleanup;
686         }
687     }
689     /*
690     * Prepare output file
691     * If the input & output file are same,
692     * the output is written to a temp
693     * file first, then renamed to the original file
694     * after the crypt operation
695     */
696     inoutsame = B_FALSE;
697     if (oflag) {
698         outfilename = outputfile;
699         if ((stat(outputfile, &outsbuf) != -1) &&
700             (insbuf.st_ino == outsbuf.st_ino)) {
701             char *dir;
703             /* create temp file on same dir */
704             dir = dirname(outputfile);
705             (void) sprintf(tmpnam, sizeof(tmpnam),
706                 "%s/encrXXXXXX", dir);
707             outfilename = tmpnam;
708             if ((outfd = mkstemp(tmpnam)) == -1) {
709                 cryptoerror(LOG_STDERR, gettext(
710                     "cannot create temp file"));
711                 goto cleanup;
712             }
713             inoutsame = B_TRUE;
714         } else {
715             /* Create file for output */
716             if ((outfd = open(outfilename,
717                 O_CREAT|O_WRONLY|O_TRUNC, 0644)) == -1) {
718                 cryptoerror(LOG_STDERR, gettext(
719                     "cannot open output file %s"),
720                     outfilename);
721                 goto cleanup;
722             }
723         }
724     }
726     /*
727     * Read the version number from the head of the file
728     * to know how to interpret the data that follows.
729     */
730     if (cmd->type == CKA_DECRYPT) {
731         if (read(infd, &version, sizeof(version)) !=
732             sizeof(version)) {
733             cryptoerror(LOG_STDERR, gettext(
734                 "failed to get format version from "
735                 "input file."));
736             goto cleanup;
737         }

```

```

738     /* convert to host byte order */
739     version = ntohl(version);
741     switch (version) {
742     case 1:
743         /*
744         * Version 1 output format:
745         * - Output format version 1 (4 bytes)
746         * - Iterations used in key gen function (4 bytes)
747         * - IV ('ivlen' bytes). The length algorithm-dependent
748         * - IV ( 'ivlen' bytes)
749         * - Salt data used in key gen (16 bytes)
750         * - Cipher text data (remainder of the file)
751         *
752         * An encrypted file has IV as first block (0 or
753         * more bytes depending on mechanism) followed
754         * by cipher text. Get the IV from the encrypted
755         * file.
756         */
757         /*
758         * Read iteration count and salt data.
759         */
760         if (read(infd, &iterations,
761             sizeof(iterations)) != sizeof(iterations)) {
762             cryptoerror(LOG_STDERR, gettext(
763                 "failed to get iterations from "
764                 "input file."));
765             goto cleanup;
766         }
767         /* convert to host byte order */
768         iterations = ntohl(iterations);
769         if (ivlen > 0 &&
770             read(infd, pivbuf, ivlen) != ivlen) {
771             cryptoerror(LOG_STDERR, gettext(
772                 "failed to get initialization "
773                 "vector from input file."));
774             goto cleanup;
775         }
776         if (read(infd, salt, sizeof(salt))
777             != sizeof(salt)) {
778             cryptoerror(LOG_STDERR, gettext(
779                 "failed to get salt data from "
780                 "input file."));
781             goto cleanup;
782         }
783         break;
784     default:
785         cryptoerror(LOG_STDERR, gettext(
786             "Unrecognized format version read from "
787             "input file - expected %d, got %d."),
788             SUNW_ENCRYPT_FILE_VERSION, version);
789         goto cleanup;
790         break;
791     }
793     /*
794     * If Kflag is set, let's find the token key now.
795     *
796     * If Kflag is not set and if encrypting, we need some random
797     * salt data to create the key. If decrypting,
798     * the salt should come from head of the file
799     * to be decrypted.
800     */
801     if (Kflag) {
802         rv = get_token_key(hSession, keytype, key_label, pkeydata,

```



```

803     keysize, &key);
804     if (rv != CKR_OK) {
805         cryptoerror(LOG_STDERR, gettext(
806             "Can not find the token key"));
807         goto cleanup;
808     } else {
809         goto do_crypto;
810     }
811 } else if (cmd->type == CKA_ENCRYPT) {
812     rv = pkcs11_random_data((void *)salt, sizeof (salt));
813     if (rv != 0) {
814         cryptoerror(LOG_STDERR,
815             gettext("unable to generate random "
816                 "data for key salt."));
817         goto cleanup;
818     }
819 }

822 /*
823  * If key input is read from a file, treat it as
824  * raw key data, unless it is to be used with RC4,
825  * in which case it must be used to generate a pkcs5
826  * key to address security concerns with RC4 keys.
827  */
828 if (kflag && keyfile != NULL && keytype != CKK_RC4) {
829     /* XXX : why wasn't SUNW_C_KeyToObject used here? */
830     CK_OBJECT_CLASS objclass = CKO_SECRET_KEY;
831     CK_ATTRIBUTE template[5];
832     int nattr = 0;

834     template[nattr].type = CKA_CLASS;
835     template[nattr].pValue = &objclass;
836     template[nattr].ulValueLen = sizeof (objclass);
837     nattr++;

839     template[nattr].type = CKA_KEY_TYPE;
840     template[nattr].pValue = &keytype;
841     template[nattr].ulValueLen = sizeof (keytype);
842     nattr++;

844     template[nattr].type = cmd->type;
845     template[nattr].pValue = &>truevalue;
846     template[nattr].ulValueLen = sizeof (truevalue);
847     nattr++;

849     template[nattr].type = CKA_TOKEN;
850     template[nattr].pValue = &>falsevalue;
851     template[nattr].ulValueLen = sizeof (falsevalue);
852     nattr++;

854     template[nattr].type = CKA_VALUE;
855     template[nattr].pValue = pkeydata;
856     template[nattr].ulValueLen = keysize;
857     nattr++;

859     rv = C_CreateObject(hSession, template, nattr, &key);
860 } else {
861     /*
862     * If the encryption type has a fixed key length,
863     * then its not necessary to set the key length
864     * parameter when generating the key.
865     */
866     if (keytype == CKK_DES || keytype == CKK_DES3)
867         keylen = 0;
868     else

```

```

869         keylen = 16;

871     /*
872     * Generate a cryptographically secure key using
873     * the key read from the file given (-k keyfile) or
874     * the passphrase entered by the user.
875     */
876     rv = pkcs11_PasswdToPBKD2Object(hSession, (char *)pkeydata,
877         (size_t)keysize, (void *)salt, sizeof (salt), iterations,
878         keytype, keylen, cmd->flags, &key);
879 }

881 if (rv != CKR_OK) {
882     cryptoerror(LOG_STDERR, gettext(
883         "failed to generate a key: %s"),
884         pkcs11_strerror(rv));
885     goto cleanup;
886 }

889 do_crypto:
890     /* Setup up mechanism */
891     mech.mechanism = mech_type;
892     mech.pParameter = (CK_VOID_PTR)pivbuf;
893     mech.ulParameterLen = ivlen;

895     if ((rv = cmd->Init(hSession, &mech, key)) != CKR_OK) {
896         cryptoerror(LOG_STDERR, gettext(
897             "failed to initialize crypto operation: %s"),
898             pkcs11_strerror(rv));
899         goto cleanup;
900     }

902     /* Write the version header encrypt command */
903     if (cmd->type == CKA_ENCRYPT) {
904         /* convert to network order for storage */
905         uint32_t netversion = htonl(version);
906         uint32_t netiter;
907         int netversion = htonl(version);
908         CK_ULONG netiter;

908         if (write(outfd, &netversion, sizeof (netversion))
909             != sizeof (netversion)) {
910             cryptoerror(LOG_STDERR, gettext(
911                 "failed to write version number "
912                 "to output file."));
913             goto cleanup;
914         }
915         /*
916         * Write the iteration and salt data, even if they
917         * were not used to generate a key.
918         */
919         netiter = htonl(iterations);
920         if (write(outfd, &netiter,
921             sizeof (netiter)) != sizeof (netiter)) {
922             cryptoerror(LOG_STDERR, gettext(
923                 "failed to write iterations to output"));
924             goto cleanup;
925         }
926         if (ivlen > 0 && write(outfd, pivbuf, ivlen) != ivlen) {
927             cryptoerror(LOG_STDERR, gettext(
928                 "failed to write initialization vector "
929                 "to output"));
930             goto cleanup;
931         }
932         if (write(outfd, salt, sizeof (salt)) != sizeof (salt)) {

```

```
933         cryptoerror(LOG_STDERR, gettext(
934             "failed to write salt data to output"));
935         goto cleanup;
936     }
937 }
938
939 if (crypt_multipart(cmd, hSession, infd, outfd, insbuf.st_size) == -1) {
940     goto cleanup;
941 }
942
943 errflag = B_FALSE;
944
945 /*
946  * Clean up
947  */
948 cleanup:
949 /* Clear the key data, so others cannot snoop */
950 if (pkeydata != NULL) {
951     bzero(pkeydata, keysize);
952     free(pkeydata);
953     pkeydata = NULL;
954 }
955
956 /* Destroy key object */
957 if (Kflag != B_FALSE && key != (CK_OBJECT_HANDLE) 0) {
958     (void) C_DestroyObject(hSession, key);
959 }
960
961 /* free allocated memory */
962 if (pSlotList != NULL)
963     free(pSlotList);
964 if (pivbuf != NULL)
965     free(pivbuf);
966
967 /* close all the files */
968 if (iflag && (infd != -1))
969     (void) close(infd);
970 if (oflag && (outfd != -1))
971     (void) close(outfd);
972
973 /* rename tmp output to input file */
974 if (inoutsame) {
975     if (rename(outfilename, inputfile) == -1) {
976         (void) unlink(outfilename);
977         cryptoerror(LOG_STDERR, gettext("rename failed."));
978     }
979 }
980
981 /* If error occurred, remove the output file */
982 if (errflag && outfilename != NULL) {
983     (void) unlink(outfilename);
984 }
985
986 /* close pkcs11 session */
987 if (hSession != CK_INVALID_HANDLE)
988     (void) C_CloseSession(hSession);
989
990 (void) C_Finalize(NULL);
991
992 return (errflag);
993 }
```

unchanged portion omitted

new/usr/src/cmd/cmd-crypto/decrypt/i386/Makefile

1

1011 Wed Apr 30 17:52:03 2008

new/usr/src/cmd/cmd-crypto/decrypt/i386/Makefile

6418676 encrypt(1) and decrypt(1) could benefit from being 64-bit programs

```
1 #
2 # CDDL HEADER START
3 #
4 # The contents of this file are subject to the terms of the
5 # Common Development and Distribution License (the "License").
6 # You may not use this file except in compliance with the License.
7 #
8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
11 # and limitations under the License.
12 #
13 # When distributing Covered Code, include this CDDL HEADER in each
14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
15 # If applicable, add the following below this CDDL HEADER, with the
16 # fields enclosed by brackets "[]" replaced with your own identifying
17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 # Copyright 2008 Sun Microsystems, Inc. All rights reserved.
23 # Use is subject to license terms.
24 #
25 # ident "@(#)Makefile 1.1 08/04/30 SMI"
26 #

28 include ../Makefile.com

30 install: all $(ROOTPROG32) $(ROOTLINK32)
```

new/usr/src/cmd/cmd-crypto/decrypt/sparc/Makefile

1

1009 Wed Apr 30 17:52:07 2008

new/usr/src/cmd/cmd-crypto/decrypt/sparc/Makefile

6418676 encrypt(1) and decrypt(1) could benefit from being 64-bit programs

```
1 #
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21 #
22 # Copyright 2008 Sun Microsystems, Inc. All rights reserved.
23 # Use is subject to license terms.
24 #
25 # ident "@(#)Makefile 1.1 08/04/30 SMI"
26 #
27 #
28 include ../Makefile.com
29 #
30 install: all $(ROOTPROG32) $(ROOTLINK32)
```

new/usr/src/cmd/cmd-crypto/decrypt/sparcv9/Makefile

1

1042 Wed Apr 30 17:52:11 2008

new/usr/src/cmd/cmd-crypto/decrypt/sparcv9/Makefile

6418676 encrypt(1) and decrypt(1) could benefit from being 64-bit programs

```
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24 #
25 # ident "@(#)Makefile 1.1 08/04/30 SMI"
26 #
27 #
28 include ../Makefile.com
29 include ../../../../Makefile.cmd.64
30 #
31 install: all $(ROOTPROG64) $(ROOTLINK64)
```

```

*****
87648 Wed Apr 30 17:52:15 2008
new/usr/src/pkgdefs/SUNWcsu/prototype_com
6418676 encrypt(1) and decrypt(1) could benefit from being 64-bit programs
*****
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19 # CDDL HEADER END
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21 #
22 # Copyright 2008 Sun Microsystems, Inc. All rights reserved.
23 # Use is subject to license terms.
24 #
25 # ident "@(#)prototype_com 1.571 08/04/30 SMI"
26 # ident "@(#)prototype_com 1.570 08/03/26 SMI"
27 #
28 # This required package information file contains a list of package contents.
29 # The 'pkgmk' command uses this file to identify the contents of a package
30 # and their location on the development machine when building the package.
31 # Can be created via a text editor or through use of the 'pkgproto' command.
32 #
33 #!search <pathname pathname ...> # where to find pkg objects
34 #!include <filename> # include another 'prototype' file
35 #!default <mode> <owner> <group> # default used if not specified on entry
36 #!<param>=<value> # puts parameter in pkg environment
37 #
38 # packaging files
39 i pkginfo
40 i copyright
41 i postinstall
42 #
43 # source locations relative to the prototype file
44 #
45 # SUNWcsu
46 #
47 d none usr 755 root sys
48 s none usr/adm=../var/adm
49 d none usr/bin 755 root bin
50 f none usr/bin/alias 555 root bin
51 f none usr/bin/amt 555 root bin
52 f none usr/bin/arch 555 root bin
53 f none usr/bin/at 4755 root sys
54 f none usr/bin/atq 4755 root sys
55 f none usr/bin/atrm 4755 root sys
56 f none usr/bin/auths 555 root bin
57 f none usr/bin/basename 555 root bin
58 l none usr/bin/bg=../usr/bin/alias
59 f none usr/bin/busstat 555 root bin
60 s none usr/bin/cacheftspack=../lib/fs/cacheftspack

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61 s none usr/bin/cacheftstat=../lib/fs/cacheftstat
62 f none usr/bin/captoinfo 555 root bin
63 f none usr/bin/cat 555 root bin
64 l none usr/bin/cd=../usr/bin/alias
65 f none usr/bin/chgrp 555 root bin
66 f none usr/bin/chmod 555 root bin
67 f none usr/bin/chown 555 root bin
68 f none usr/bin/ckdate 555 root bin
69 f none usr/bin/ckgid 555 root bin
70 f none usr/bin/ckint 555 root bin
71 f none usr/bin/ckitem 555 root bin
72 f none usr/bin/ckkeywd 555 root bin
73 f none usr/bin/ckpath 555 root bin
74 f none usr/bin/ckrange 555 root bin
75 f none usr/bin/ckstr 555 root bin
76 f none usr/bin/cksum 555 root bin
77 f none usr/bin/cktime 555 root bin
78 f none usr/bin/ckuid 555 root bin
79 f none usr/bin/ckyoorn 555 root bin
80 f none usr/bin/clear 555 root bin
81 f none usr/bin/cmp 555 root bin
82 l none usr/bin/command=../usr/bin/alias
83 f none usr/bin/coreadm 555 root bin
84 f none usr/bin/cp 555 root bin
85 f none usr/bin/cpio 555 root bin
86 f none usr/bin/crle 555 root bin
87 f none usr/bin/crontab 4555 root bin
88 f none usr/bin/crypt 555 root bin
89 f none usr/bin/csh 555 root bin
90 f none usr/bin/ctrunc 555 root bin
91 f none usr/bin/ctstat 555 root bin
92 f none usr/bin/ctwatch 555 root bin
93 f none usr/bin/cut 555 root bin
94 f none usr/bin/date 555 root bin
95 f none usr/bin/dd 555 root bin
96 l none usr/bin/decrypt=../usr/lib/isaexec
96 f none usr/bin/decrypt 555 root bin
97 f none usr/bin/devattr 555 root bin
98 f none usr/bin/devfree 555 root bin
99 f none usr/bin/devreserv 555 root bin
100 s none usr/bin/df=../sbin/df
101 l none usr/bin/digest=../usr/lib/isaexec
102 f none usr/bin/dirname 555 root bin
103 l none usr/bin/dispgid=../usr/bin/ckgid
104 l none usr/bin/dispuid=../usr/bin/ckuid
105 f none usr/bin/domainname 555 root bin
106 f none usr/bin/du 555 root bin
107 f none usr/bin/dumpcs 555 root bin
108 f none usr/bin/dumpkeys 555 root bin
109 f none usr/bin/echo 555 root bin
110 f none usr/bin/ed 555 root bin
111 f none usr/bin/edit 555 root bin
112 f none usr/bin/egrep 555 root bin
113 f none usr/bin/eject 555 root bin
114 l none usr/bin/encrypt=../usr/lib/isaexec
114 l none usr/bin/encrypt=../usr/bin/decrypt
115 f none usr/bin/env 555 root bin
116 l none usr/bin/ex=../usr/bin/edit
117 f none usr/bin/expr 555 root bin
118 f none usr/bin/false 555 root bin
119 l none usr/bin/fc=../usr/bin/alias
120 f none usr/bin/fdetach 555 root bin
121 f none usr/bin/fdformat 4555 root bin
122 l none usr/bin/fg=../usr/bin/alias
123 f none usr/bin/fgrep 555 root bin
124 f none usr/bin/file 555 root bin

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125 f none usr/bin/find 555 root bin
126 f none usr/bin/fmli 755 root bin
127 f none usr/bin/fmt 555 root bin
128 f none usr/bin/fmtmsg 555 root bin
129 f none usr/bin/fold 555 root bin
130 f none usr/bin/fsstat 555 root bin
131 f none usr/bin/geniconvtbl 555 root bin
132 f none usr/bin/getconf 555 root bin
133 f none usr/bin/getdev 555 root bin
134 f none usr/bin/getdgrp 555 root bin
135 f none usr/bin/getent 555 root bin
136 f none usr/bin/getfacl 555 root bin
137 f none usr/bin/getopt 555 root bin
138 l none usr/bin/getopts=../usr/bin/alias
139 f none usr/bin/gettext 555 root bin
140 f none usr/bin/getvol 555 root bin
141 f none usr/bin/grep 555 root bin
142 f none usr/bin/groups 555 root bin
143 l none usr/bin/hash=../usr/bin/alias
144 f none usr/bin/head 555 root bin
145 f none usr/bin/hostid 555 root bin
146 f none usr/bin/hostname 555 root bin
147 f none usr/bin/i286 555 root bin
148 l none usr/bin/i386=../usr/bin/i286
149 l none usr/bin/i486=../usr/bin/i286
150 l none usr/bin/i860=../usr/bin/i286
151 l none usr/bin/i86pc=../usr/bin/i286
152 l none usr/bin/iAPX286=../usr/bin/i286
153 f none usr/bin/iconv 555 root bin
154 f none usr/bin/id 555 root bin
155 f none usr/bin/infocmp 555 root bin
156 f none usr/bin/iostat 555 root bin
157 f none usr/bin/isainfo 555 root bin
158 f none usr/bin/isalist 555 root bin
159 l none usr/bin/jobs=../usr/bin/alias
160 f none usr/bin/join 555 root bin
161 s none usr/bin/jsh=../sbin/sh
162 f none usr/bin/kbd 555 root bin
163 f none usr/bin/keylogin 555 root bin
164 f none usr/bin/keylogout 555 root bin
165 l none usr/bin/kill=../usr/bin/alias
166 f none usr/bin/kmfcfg 555 root bin
167 f none usr/bin/ksh 555 root bin
168 l none usr/bin/ksh93=../usr/lib/isaexec
169 f none usr/bin/line 555 root bin
170 f none usr/bin/listdgrp 555 root bin
171 f none usr/bin/listusers 555 root bin
172 l none usr/bin/ln=../usr/bin/cp
173 f none usr/bin/loadkeys 555 root bin
174 f none usr/bin/localedef 555 root bin
175 f none usr/bin/logger 555 root bin
176 f none usr/bin/login 4555 root bin
177 f none usr/bin/logins 750 root bin
178 f none usr/bin/ls 555 root bin
179 l none usr/bin/m68k=../usr/bin/i286
180 l none usr/bin/mac=../usr/lib/isaexec
181 f none usr/bin/mach 555 root bin
182 f none usr/bin/mail 2511 root mail
183 f none usr/bin/mailx 2511 root mail
184 f none usr/bin/makedev 555 root bin
185 l none usr/bin/mc68000=../usr/bin/i286
186 l none usr/bin/mc68010=../usr/bin/i286
187 l none usr/bin/mc68020=../usr/bin/i286
188 l none usr/bin/mc68030=../usr/bin/i286
189 l none usr/bin/mc68040=../usr/bin/i286
190 f none usr/bin/mesg 555 root bin

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191 f none usr/bin/mkdir 555 root bin
192 f none usr/bin/mkpwdict 555 root bin
193 f none usr/bin/mktemp 555 root bin
194 f none usr/bin/moe 555 root bin
195 f none usr/bin/more 555 root bin
196 f none usr/bin/mpstat 555 root bin
197 f none usr/bin/mt 555 root bin
198 l none usr/bin/mv=../usr/bin/cp
199 f none usr/bin/netstat 555 root bin
200 f none usr/bin/newgrp 4755 root sys
201 l none usr/bin/newtask=../usr/lib/isaexec
202 f none usr/bin/nice 555 root bin
203 l none usr/bin/nohup=../usr/lib/isaexec
204 f none usr/bin/optisa 555 root bin
205 l none usr/bin/page=../usr/bin/more
206 f none usr/bin/pagesize 555 root bin
207 s none usr/bin/passmgmt=../sbin/passmgmt
208 f none usr/bin/passwd 6555 root sys
209 f none usr/bin/patch 555 root bin
210 f none usr/bin/pathchk 555 root bin
211 f none usr/bin/pax 555 root bin
212 l none usr/bin/pdp11=../usr/bin/i286
213 l none usr/bin/pfsh=../usr/bin/csh
214 f none usr/bin/pfexec 4555 root bin
215 l none usr/bin/pfsh=../usr/bin/ksh
216 s none usr/bin/pfsh=../sbin/sh
217 f none usr/bin/pg 555 root bin
218 f none usr/bin/pgrep 555 root bin
219 l none usr/bin/pkill=../usr/bin/pgrep
220 f none usr/bin/pktool 555 root bin
221 f none usr/bin/pr 555 root bin
222 l none usr/bin/prctl=../usr/lib/isaexec
223 f none usr/bin/priocntl 555 root bin
224 f none usr/bin/profiles 555 root bin
225 f none usr/bin/projects 555 root bin
226 l none usr/bin/prstat=../usr/lib/isaexec
227 l none usr/bin/ps=../usr/lib/isaexec
228 f none usr/bin/putdev 555 root bin
229 f none usr/bin/putdgrp 555 root bin
230 s none usr/bin/pwconv=../sbin/pwconv
231 f none usr/bin/pwd 555 root bin
232 l none usr/bin/read=../usr/bin/alias
233 l none usr/bin/red=../usr/bin/ed
234 f none usr/bin/renice 555 root bin
235 l none usr/bin/rksh=../usr/bin/ksh
236 l none usr/bin/rksh93=../usr/lib/isaexec
237 f none usr/bin/rm 555 root bin
238 s none usr/bin/rmail=../mail
239 f none usr/bin/rmdir 555 root bin
240 f none usr/bin/roles 555 root bin
241 f none usr/bin/rpcinfo 555 root bin
242 f none usr/bin/runat 555 root bin
243 l none usr/bin/savecore=../usr/lib/isaexec
244 f none usr/bin/script 555 root bin
245 f none usr/bin/sed 555 root bin
246 f none usr/bin/setfacl 555 root bin
247 f none usr/bin/setpgrp 555 root sys
248 f none usr/bin/settime 555 root bin
249 l none usr/bin/setuname=../usr/lib/isaexec
250 s none usr/bin/sh=../sbin/sh
251 f none usr/bin/sleep 555 root bin
252 l none usr/bin/sparc=../usr/bin/i286
253 f none usr/bin/strchg 555 root root
254 s none usr/bin/strclean=../sbin/strclean
255 f none usr/bin/strconf 555 root root
256 s none usr/bin/strerr=../sbin/strerr

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257 f none usr/bin/stty 555 root bin
258 f none usr/bin/su 4555 root sys
259 l none usr/bin/sun2=../usr/bin/i286
260 l none usr/bin/sun3=../usr/bin/i286
261 l none usr/bin/sun3x=../usr/bin/i286
262 l none usr/bin/sun4=../usr/bin/i286
263 l none usr/bin/sun4c=../usr/bin/i286
264 l none usr/bin/sun4d=../usr/bin/i286
265 l none usr/bin/sun4e=../usr/bin/i286
266 l none usr/bin/sun4m=../usr/bin/i286
267 l none usr/bin/sun=../usr/bin/i286
268 f none usr/bin/svcprop 0555 root bin
269 f none usr/bin/svcs 0555 root bin
270 s none usr/bin/sync=../sbin/sync
271 f none usr/bin/tabs 555 root bin
272 f none usr/bin/tail 555 root bin
273 s none usr/bin/tar=../sbin/tar
274 f none usr/bin/tee 555 root bin
275 l none usr/bin/test=../usr/bin/alias
276 f none usr/bin/tic 555 root bin
277 f none usr/bin/time 555 root bin
278 f none usr/bin/tip 4511 uucp bin
279 l none usr/bin/touch=../usr/bin/settime
280 f none usr/bin/tplot 555 root bin
281 f none usr/bin/tput 555 root bin
282 f none usr/bin/tr 555 root bin
283 f none usr/bin/true 555 root bin
284 f none usr/bin/tty 555 root bin
285 l none usr/bin/type=../usr/bin/alias
286 f none usr/bin/tzselect 555 root bin
287 l none usr/bin/u370=../usr/bin/i286
288 l none usr/bin/u3b15=../usr/bin/i286
289 l none usr/bin/u3b2=../usr/bin/i286
290 l none usr/bin/u3b5=../usr/bin/i286
291 l none usr/bin/u3b=../usr/bin/i286
292 l none usr/bin/ulimit=../usr/bin/alias
293 l none usr/bin/umask=../usr/bin/alias
294 l none usr/bin/unalias=../usr/bin/alias
295 s none usr/bin/uname=../sbin/uname
296 l none usr/bin/uptime=../usr/lib/isaexec
297 l none usr/bin/vax=../usr/bin/i286
298 l none usr/bin/vedit=../usr/bin/edit
299 l none usr/bin/vi=../usr/bin/edit
300 l none usr/bin/view=../usr/bin/edit
301 f none usr/bin/vmstat 555 root bin
302 l none usr/bin/w=../usr/lib/isaexec
303 l none usr/bin/wait=../usr/bin/alias
304 f none usr/bin/wc 555 root bin
305 f none usr/bin/which 555 root bin
306 f none usr/bin/who 555 root bin
307 f none usr/bin/wracct 555 root bin
308 f none usr/bin/write 2555 root tty
309 f none usr/bin/xargs 555 root bin
310 f none usr/bin/xstr 555 root bin
311 d none usr/ccs 0755 root bin
312 d none usr/ccs/bin 0755 root bin
313 f none usr/bin/m4 0555 root bin
314 s none usr/ccs/bin/m4=../bin/m4
315 d none usr/demo 755 root bin
316 d none usr/games 755 root bin
317 d none usr/kernel 755 root sys
318 d none usr/kernel/drv 755 root sys
319 f none usr/kernel/drv/dump.conf 644 root sys
320 f none usr/kernel/drv/fssnap.conf 644 root sys
321 f none usr/kernel/drv/kstat.conf 644 root sys
322 f none usr/kernel/drv/ksyms.conf 644 root sys

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323 f none usr/kernel/drv/logindmux.conf 644 root sys
324 f none usr/kernel/drv/ptm.conf 644 root sys
325 f none usr/kernel/drv/pts.conf 644 root sys
326 d none usr/kernel/exec 755 root sys
327 d none usr/kernel/fs 755 root sys
328 d none usr/kernel/pcbe 755 root sys
329 d none usr/kernel/sched 755 root sys
330 d none usr/kernel/strmod 755 root sys
331 d none usr/kernel/sys 755 root sys
332 d none usr/kvm 755 root bin
333 f none usr/kvm/README 644 root sys
334 d none usr/lib 755 root bin
335 d none usr/lib/audit 0755 root bin
336 f none usr/lib/audit/audit_record_attr 444 root bin
337 f none usr/lib/calprog 555 root bin
338 d none usr/lib/class 755 root bin
339 d none usr/lib/class/FX 755 root bin
340 f none usr/lib/class/FX/FXdispadm 555 root bin
341 f none usr/lib/class/FX/FXprioctl 555 root bin
342 d none usr/lib/class/IA 755 root bin
343 f none usr/lib/class/IA/IAdispadmin 555 root bin
344 f none usr/lib/class/IA/IAprioctl 555 root bin
345 d none usr/lib/class/RT 755 root bin
346 f none usr/lib/class/RT/RTdispadm 555 root bin
347 f none usr/lib/class/RT/RTprioctl 555 root bin
348 d none usr/lib/class/TS 755 root bin
349 f none usr/lib/class/TS/TSdispadm 555 root bin
350 f none usr/lib/class/TS/TSprioctl 555 root bin
351 s none usr/lib/cron=../etc/cron.d
352 d none usr/lib/crypto 755 root bin
353 f none usr/lib/crypto/kcfd 555 root bin
354 d none usr/lib/devfsadm 755 root sys
355 s none usr/lib/devfsadm/devfsadmd=../sbin/devfsadm
356 d none usr/lib/devfsadm/linkmod 755 root sys
357 f none usr/lib/devfsadm/linkmod/SUNW_audio_link.so 755 root sys
358 f none usr/lib/devfsadm/linkmod/SUNW_cfg_link.so 755 root sys
359 f none usr/lib/devfsadm/linkmod/SUNW_disk_link.so 755 root sys
360 f none usr/lib/devfsadm/linkmod/SUNW_fssnap_link.so 755 root sys
361 f none usr/lib/devfsadm/linkmod/SUNW_lofi_link.so 755 root sys
362 f none usr/lib/devfsadm/linkmod/SUNW_md_link.so 755 root sys
363 f none usr/lib/devfsadm/linkmod/SUNW_misc_link.so 755 root sys
364 f none usr/lib/devfsadm/linkmod/SUNW_port_link.so 755 root sys
365 f none usr/lib/devfsadm/linkmod/SUNW_ramdisk_link.so 755 root sys
366 f none usr/lib/devfsadm/linkmod/SUNW_sgen_link.so 755 root sys
367 f none usr/lib/devfsadm/linkmod/SUNW_smp_link.so 755 root sys
368 f none usr/lib/devfsadm/linkmod/SUNW_tape_link.so 755 root sys
369 f none usr/lib/devfsadm/linkmod/SUNW_usb_link.so 755 root sys
370 f none usr/lib/diffh 555 root bin
371 s none usr/lib/embedded_su=../bin/su
372 f none usr/lib/expresserve 555 root bin
373 f none usr/lib/exrecover 555 root bin
374 d none usr/lib/fs 755 root sys
375 d none usr/lib/fs/cachefs 755 root sys
376 f none usr/lib/fs/cachefs/cachefsd 555 root bin
377 f none usr/lib/fs/cachefs/cachefslog 555 root bin
378 f none usr/lib/fs/cachefs/cachefspack 555 root bin
379 f none usr/lib/fs/cachefs/cachefsstat 555 root bin
380 f none usr/lib/fs/cachefs/cachefswssize 555 root bin
381 f none usr/lib/fs/cachefs/cfsadmin 555 root bin
382 f none usr/lib/fs/cachefs/cfsfstype 555 root bin
383 f none usr/lib/fs/cachefs/cfstagchk 555 root bin
384 f none usr/lib/fs/cachefs/dfshares 555 root bin
385 f none usr/lib/fs/cachefs/fsck 555 root bin
386 f none usr/lib/fs/cachefs/mount 555 root bin
387 f none usr/lib/fs/cachefs/share 555 root bin
388 f none usr/lib/fs/cachefs/umount 555 root bin

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389 f none usr/lib/fs/cachefs/unshare 555 root bin
390 d none usr/lib/fs/ctfs 755 root sys
391 f none usr/lib/fs/ctfs/mount 555 root bin
392 d none usr/lib/fs/dev 755 root sys
393 s none usr/lib/fs/dev/mount=.././../etc/fs/dev/mount
394 d none usr/lib/fs/fd 755 root sys
395 f none usr/lib/fs/fd/mount 555 root bin
396 d none usr/lib/fs/hsfs 755 root sys
397 f none usr/lib/fs/hsfs/fstyp.so.1 555 root bin
398 l none usr/lib/fs/hsfs/fstyp=.././../sbin/fstyp
399 f none usr/lib/fs/hsfs/labelit 555 root bin
400 s none usr/lib/fs/hsfs/mount=.././../etc/fs/hsfs/mount
401 d none usr/lib/fs/lofs 755 root sys
402 f none usr/lib/fs/lofs/mount 555 root bin
403 d none usr/lib/fs/mntfs 755 root sys
404 f none usr/lib/fs/mntfs/mount 555 root bin
405 d none usr/lib/fs/objfs 755 root sys
406 f none usr/lib/fs/objfs/mount 555 root bin
407 d none usr/lib/fs/proc 755 root sys
408 f none usr/lib/fs/proc/mount 555 root bin
409 d none usr/lib/fs/sharefs 755 root sys
410 f none usr/lib/fs/sharefs/mount 555 root bin
411 d none usr/lib/fs/tmpfs 755 root sys
412 f none usr/lib/fs/tmpfs/mount 555 root bin
413 d none usr/lib/fs/ufs 755 root sys
414 f none usr/lib/fs/ufs/clri 555 root bin
415 l none usr/lib/fs/ufs/dcopy=.././../usr/lib/fs/ufs/clri
416 f none usr/lib/fs/ufs/df 555 root bin
417 f none usr/lib/fs/ufs/edquota 555 root bin
418 f none usr/lib/fs/ufs/ff 555 root bin
419 f none usr/lib/fs/ufs/fsck 555 root bin
420 f none usr/lib/fs/ufs/fsckall 555 root bin
421 f none usr/lib/fs/ufs/fsdb 555 root bin
422 f none usr/lib/fs/ufs/fsirand 555 root bin
423 f none usr/lib/fs/ufs/fssnap 555 root bin
424 f none usr/lib/fs/ufs/fstyp.so.1 555 root bin
425 l none usr/lib/fs/ufs/fstyp=.././../sbin/fstyp
426 f none usr/lib/fs/ufs/labelit 555 root bin
427 f none usr/lib/fs/ufs/lockfs 555 root bin
428 f none usr/lib/fs/ufs/mkfs 555 root bin
429 s none usr/lib/fs/ufs/mount=.././../etc/fs/ufs/mount
430 f none usr/lib/fs/ufs/ncheck 555 root bin
431 f none usr/lib/fs/ufs/newfs 555 root bin
432 f none usr/lib/fs/ufs/quot 555 root bin
433 f none usr/lib/fs/ufs/quot 4555 root bin
434 f none usr/lib/fs/ufs/quotacheck 555 root bin
435 f none usr/lib/fs/ufs/quotaoff 555 root bin
436 l none usr/lib/fs/ufs/quotao=.././../usr/lib/fs/ufs/quotao=
437 f none usr/lib/fs/ufs/repquota 555 root bin
438 f none usr/lib/fs/ufs/tunefs 555 root bin
439 f none usr/lib/fs/ufs/ufsdump 4555 root bin
440 f none usr/lib/fs/ufs/ufsrestore 4555 root bin
441 f none usr/lib/fs/ufs/volcopy 555 root bin
442 f none usr/lib/getoptcv 555 root bin
443 d none usr/lib/help 755 root bin
444 d none usr/lib/help/auths 755 root bin
445 d none usr/lib/help/auths/locale 755 root bin
446 d none usr/lib/help/auths/locale/C 755 root bin
447 f none usr/lib/help/auths/locale/C/AllSolAuthsHeader.html 444 root bin
448 f none usr/lib/help/auths/locale/C/AuditConfig.html 444 root bin
449 f none usr/lib/help/auths/locale/C/AuditHeader.html 444 root bin
450 f none usr/lib/help/auths/locale/C/AuditRead.html 444 root bin
451 f none usr/lib/help/auths/locale/C/AuthJobsAdmin.html 444 root bin
452 f none usr/lib/help/auths/locale/C/AuthJobsUser.html 444 root bin
453 f none usr/lib/help/auths/locale/C/AuthProfmgrAssign.html 444 root bin
454 f none usr/lib/help/auths/locale/C/AuthProfmgrDelegate.html 444 root bin

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455 f none usr/lib/help/auths/locale/C/AuthProfmgrExecattrWrite.html 444 root bin
456 f none usr/lib/help/auths/locale/C/AuthProfmgrRead.html 444 root bin
457 f none usr/lib/help/auths/locale/C/AuthProfmgrWrite.html 444 root bin
458 f none usr/lib/help/auths/locale/C/AuthRoleAssign.html 444 root bin
459 f none usr/lib/help/auths/locale/C/AuthRoleDelegate.html 444 root bin
460 f none usr/lib/help/auths/locale/C/AuthRoleWrite.html 444 root bin
461 f none usr/lib/help/auths/locale/C/BindStates.html 444 root bin
462 f none usr/lib/help/auths/locale/C/DevAllocHeader.html 444 root bin
463 f none usr/lib/help/auths/locale/C/DevAllocate.html 444 root bin
464 f none usr/lib/help/auths/locale/C/DevConfig.html 444 root bin
465 f none usr/lib/help/auths/locale/C/DevGrant.html 444 root bin
466 f none usr/lib/help/auths/locale/C/DevRevoke.html 444 root bin
467 f none usr/lib/help/auths/locale/C/DhcpmgrHeader.html 444 root bin
468 f none usr/lib/help/auths/locale/C/DhcpmgrWrite.html 444 root bin
469 f none usr/lib/help/auths/locale/C/JobHeader.html 444 root bin
470 f none usr/lib/help/auths/locale/C/JobGrant.html 444 root bin
471 f none usr/lib/help/auths/locale/C/LoginEnable.html 444 root bin
472 f none usr/lib/help/auths/locale/C/LoginHeader.html 444 root bin
473 f none usr/lib/help/auths/locale/C/LoginRemote.html 444 root bin
474 f none usr/lib/help/auths/locale/C/NetworkHeader.html 444 root bin
475 f none usr/lib/help/auths/locale/C/PriAdmin.html 444 root bin
476 f none usr/lib/help/auths/locale/C/ProfmgrHeader.html 444 root bin
477 f none usr/lib/help/auths/locale/C/RoleHeader.html 444 root bin
478 f none usr/lib/help/auths/locale/C/SmfAutofsStates.html 444 root bin
479 f none usr/lib/help/auths/locale/C/SmfCronStates.html 444 root bin
480 f none usr/lib/help/auths/locale/C/SmfHeader.html 444 root bin
481 f none usr/lib/help/auths/locale/C/SmfManageHeader.html 444 root bin
482 f none usr/lib/help/auths/locale/C/SmfMDNSStates.html 444 root bin
483 f none usr/lib/help/auths/locale/C/SmfModifyAppl.html 444 root bin
484 f none usr/lib/help/auths/locale/C/SmfModifyDepend.html 444 root bin
485 f none usr/lib/help/auths/locale/C/SmfModifyFramework.html 444 root bin
486 f none usr/lib/help/auths/locale/C/SmfModifyHeader.html 444 root bin
487 f none usr/lib/help/auths/locale/C/SmfModifyMethod.html 444 root bin
488 f none usr/lib/help/auths/locale/C/SmfInetdStates.html 444 root bin
489 f none usr/lib/help/auths/locale/C/SmfIPsecStates.html 444 root bin
490 f none usr/lib/help/auths/locale/C/SmfNscdStates.html 444 root bin
491 f none usr/lib/help/auths/locale/C/SmfNADDStates.html 444 root bin
492 f none usr/lib/help/auths/locale/C/SmfNWAMStates.html 444 root bin
493 f none usr/lib/help/auths/locale/C/SmfPowerStates.html 444 root bin
494 f none usr/lib/help/auths/locale/C/SmfRoutingStates.html 444 root bin
495 f none usr/lib/help/auths/locale/C/SmfSendmailStates.html 444 root bin
496 f none usr/lib/help/auths/locale/C/SmfSMBFSStates.html 444 root bin
497 f none usr/lib/help/auths/locale/C/SmfSMBStates.html 444 root bin
498 f none usr/lib/help/auths/locale/C/SmfSshStates.html 444 root bin
499 f none usr/lib/help/auths/locale/C/SmfSyslogStates.html 444 root bin
500 f none usr/lib/help/auths/locale/C/SmfValueHeader.html 444 root bin
501 f none usr/lib/help/auths/locale/C/SmfValueInetd.html 444 root bin
502 f none usr/lib/help/auths/locale/C/SmfValueIPsec.html 444 root bin
503 f none usr/lib/help/auths/locale/C/SmfValueIscsitgt.html 444 root bin
504 f none usr/lib/help/auths/locale/C/SmfValueMDNS.html 444 root bin
505 f none usr/lib/help/auths/locale/C/SmfValueNADD.html 444 root bin
506 f none usr/lib/help/auths/locale/C/SmfValueNDMP.html 444 root bin
507 f none usr/lib/help/auths/locale/C/SmfNDMPStates.html 444 root bin
508 f none usr/lib/help/auths/locale/C/AuthReadNDMP.html 444 root bin
509 f none usr/lib/help/auths/locale/C/SmfValueNWAM.html 444 root bin
510 f none usr/lib/help/auths/locale/C/SmfValueRouting.html 444 root bin
511 f none usr/lib/help/auths/locale/C/SmfValueSMB.html 444 root bin
512 f none usr/lib/help/auths/locale/C/AuthReadSMB.html 444 root bin
513 f none usr/lib/help/auths/locale/C/SmfWpaStates.html 444 root bin
514 f none usr/lib/help/auths/locale/C/SysDate.html 444 root bin
515 f none usr/lib/help/auths/locale/C/SysHeader.html 444 root bin
516 f none usr/lib/help/auths/locale/C/SysShutdown.html 444 root bin
517 f none usr/lib/help/auths/locale/C/WifiConfig.html 444 root bin
518 f none usr/lib/help/auths/locale/C/WifiWep.html 444 root bin
519 f none usr/lib/help/auths/locale/C/LinkSecurity.html 444 root bin
520 f none usr/lib/help/auths/locale/C/IdmapRules.html 444 root bin

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521 f none usr/lib/help/auths/locale/C/SmfIdmapStates.html 444 root bin
522 f none usr/lib/help/auths/locale/C/SmfValueIdmap.html 444 root bin
523 f none usr/lib/help/auths/locale/C/SmfValueVscan.html 0444 root bin
524 f none usr/lib/help/auths/locale/C/SmfVscanStates.html 0444 root bin
525 d none usr/lib/help/profiles/755 root bin
526 d none usr/lib/help/profiles/locale/755 root bin
527 d none usr/lib/help/profiles/locale/C/755 root bin
528 f none usr/lib/help/profiles/locale/C/RtAll.html 444 root bin
529 f none usr/lib/help/profiles/locale/C/RtAuditCtrl.html 444 root bin
530 f none usr/lib/help/profiles/locale/C/RtAuditReview.html 444 root bin
531 f none usr/lib/help/profiles/locale/C/RtConsUser.html 444 root bin
532 f none usr/lib/help/profiles/locale/C/RtContractObserver.html 444 root bin
533 f none usr/lib/help/profiles/locale/C/RtCronMngmnt.html 444 root bin
534 f none usr/lib/help/profiles/locale/C/RtCryptoMngmnt.html 444 root bin
535 f none usr/lib/help/profiles/locale/C/RtDHCPMngmnt.html 444 root bin
536 f none usr/lib/help/profiles/locale/C/RtDataAdmin.html 444 root bin
537 f none usr/lib/help/profiles/locale/C/RtDefault.html 444 root bin
538 f none usr/lib/help/profiles/locale/C/RtDeviceMngmnt.html 444 root bin
539 f none usr/lib/help/profiles/locale/C/RtDeviceSecurity.html 444 root bin
540 f none usr/lib/help/profiles/locale/C/RtFTPMngmnt.html 444 root bin
541 f none usr/lib/help/profiles/locale/C/RtFileSysMngmnt.html 444 root bin
542 f none usr/lib/help/profiles/locale/C/RtFileSysSecurity.html 444 root bin
543 f none usr/lib/help/profiles/locale/C/RtInetdMngmnt.html 444 root bin
544 f none usr/lib/help/profiles/locale/C/RtIPFilterMngmnt.html 444 root bin
545 f none usr/lib/help/profiles/locale/C/RtKerberosClntMngmnt.html 444 root bin
546 f none usr/lib/help/profiles/locale/C/RtKerberosSrvrMngmnt.html 444 root bin
547 f none usr/lib/help/profiles/locale/C/RtLogMngmnt.html 444 root bin
548 f none usr/lib/help/profiles/locale/C/RtMailMngmnt.html 444 root bin
549 f none usr/lib/help/profiles/locale/C/RtMaintAndRepair.html 444 root bin
550 f none usr/lib/help/profiles/locale/C/RtNDMPMngmnt.html 444 root bin
551 f none usr/lib/help/profiles/locale/C/RtMediaBkup.html 444 root bin
552 f none usr/lib/help/profiles/locale/C/RtMediaRestore.html 444 root bin
553 f none usr/lib/help/profiles/locale/C/RtNameServiceAdmin.html 444 root bin
554 f none usr/lib/help/profiles/locale/C/RtNameServiceSecure.html 444 root bin
555 f none usr/lib/help/profiles/locale/C/RtNetIPsec.html 444 root bin
556 f none usr/lib/help/profiles/locale/C/RtNetMngmnt.html 444 root bin
557 f none usr/lib/help/profiles/locale/C/RtNetSecure.html 444 root bin
558 f none usr/lib/help/profiles/locale/C/RtNetWifiMngmnt.html 444 root bin
559 f none usr/lib/help/profiles/locale/C/RtNetWifiSecure.html 444 root bin
560 f none usr/lib/help/profiles/locale/C/RtNetLinkSecure.html 444 root bin
561 f none usr/lib/help/profiles/locale/C/RtObAccessMngmnt.html 444 root bin
562 f none usr/lib/help/profiles/locale/C/RtPrntAdmin.html 444 root bin
563 f none usr/lib/help/profiles/locale/C/RtProcManagement.html 444 root bin
564 f none usr/lib/help/profiles/locale/C/RtRightsDelegate.html 444 root bin
565 f none usr/lib/help/profiles/locale/C/RtSoftwareInstall.html 444 root bin
566 f none usr/lib/help/profiles/locale/C/RtSMBFSMngmnt.html 444 root bin
567 f none usr/lib/help/profiles/locale/C/RtSMBMngmnt.html 444 root bin
568 f none usr/lib/help/profiles/locale/C/RtSysEvMngmnt.html 444 root bin
569 f none usr/lib/help/profiles/locale/C/RtUserMngmnt.html 444 root bin
570 f none usr/lib/help/profiles/locale/C/RtUserSecurity.html 444 root bin
571 f none usr/lib/help/profiles/locale/C/RtZFSFileSysMngmnt.html 444 root bin
572 f none usr/lib/help/profiles/locale/C/RtZFSStorageMngmnt.html 444 root bin
573 f none usr/lib/help/profiles/locale/C/RtZoneMngmnt.html 444 root bin
574 f none usr/lib/help/profiles/locale/C/RtIdmapMngmnt.html 444 root bin
575 f none usr/lib/help/profiles/locale/C/RtIdmapNameRulesMngmnt.html 444 root bin
576 f none usr/lib/help/profiles/locale/C/RtVscanMngmnt.html 444 root bin
577 d none usr/lib/iconv/755 root bin
578 f none usr/lib/iconv/646da.8859.t 444 root bin
579 f none usr/lib/iconv/646de.8859.t 444 root bin
580 f none usr/lib/iconv/646en.8859.t 444 root bin
581 f none usr/lib/iconv/646es.8859.t 444 root bin
582 f none usr/lib/iconv/646fr.8859.t 444 root bin
583 f none usr/lib/iconv/646it.8859.t 444 root bin
584 f none usr/lib/iconv/646sv.8859.t 444 root bin
585 f none usr/lib/iconv/8859.646.t 444 root bin
586 f none usr/lib/iconv/8859.646da.t 444 root bin

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587 f none usr/lib/iconv/8859.646de.t 444 root bin
588 f none usr/lib/iconv/8859.646en.t 444 root bin
589 f none usr/lib/iconv/8859.646es.t 444 root bin
590 f none usr/lib/iconv/8859.646fr.t 444 root bin
591 f none usr/lib/iconv/8859.646it.t 444 root bin
592 f none usr/lib/iconv/8859.646sv.t 444 root bin
593 f none usr/lib/iconv/iconv_data 444 root bin
594 f none usr/lib/idmapd 555 root bin
595 d none usr/lib/inet/755 root bin
596 f none usr/lib/inet/certdb 555 root bin
597 f none usr/lib/inet/certlocal 555 root bin
598 f none usr/lib/inet/certrldb 555 root bin
599 d none usr/lib/inet/dhcp 755 root bin
600 d none usr/lib/inet/dhcp/nsu 755 root bin
601 d none usr/lib/inet/dhcp/svc 755 root bin
602 f none usr/lib/inet/in.iked 555 root bin
603 f none usr/lib/inet/in.mpathd 555 root bin
604 f none usr/lib/inet/inetd 555 root bin
605 f none usr/lib/intrd 555 root bin
606 f none usr/lib/isaexec 555 root bin
607 f none usr/lib/kssladm 555 root bin
608 s none usr/lib/ld.so.1=../lib/ld.so.1
609 d none usr/lib/locale/755 root bin
610 d none usr/lib/locale/C/755 root bin
611 d none usr/lib/locale/C/LC_COLLATE 755 root bin
612 d none usr/lib/locale/C/LC_CTYPE 755 root bin
613 d none usr/lib/locale/C/LC_MESSAGES 755 root bin
614 d none usr/lib/locale/C/LC_MONETARY 755 root bin
615 d none usr/lib/locale/C/LC_NUMERIC 755 root bin
616 d none usr/lib/locale/C/LC_TIME 755 root bin
617 f none usr/lib/locale/C/locale_description 444 root bin
618 s none usr/lib/locale/POSIX=../C
619 d none usr/lib/localedef/755 root bin
620 d none usr/lib/localedef/extensions/755 root bin
621 f none usr/lib/localedef/extensions/generic_eucbc.x 444 root bin
622 f none usr/lib/localedef/extensions/single_byte.x 444 root bin
623 d none usr/lib/localedef/src 755 root bin
624 f none usr/lib/makekey 555 root bin
625 f none usr/lib/more.help 644 root bin
626 d none usr/lib/netsvc 755 root sys
627 f none usr/lib/newsyslog 555 root sys
628 f none usr/lib/nscd_nischeck 555 root bin
629 d none usr/lib/pci 755 root bin
630 f none usr/lib/pci/pcidr 555 root bin
631 f none usr/lib/pci/pcidr_plugin.so 755 root bin
632 f none usr/lib/platexec 555 root bin
633 d none usr/lib/rcm 755 root bin
634 d none usr/lib/rcm/modules/755 root bin
635 f none usr/lib/rcm/modules/SUNW_cluster_rcm.so 555 root bin
636 f none usr/lib/rcm/modules/SUNW_dump_rcm.so 555 root bin
637 f none usr/lib/rcm/modules/SUNW_filesys_rcm.so 555 root bin
638 f none usr/lib/rcm/modules/SUNW_ip_anon_rcm.so 555 root bin
639 f none usr/lib/rcm/modules/SUNW_ip_rcm.so 555 root bin
640 f none usr/lib/rcm/modules/SUNW_mpxio_rcm.so 555 root bin
641 f none usr/lib/rcm/modules/SUNW_network_rcm.so 555 root bin
642 f none usr/lib/rcm/modules/SUNW_vlan_rcm.so 555 root bin
643 f none usr/lib/rcm/modules/SUNW_aggr_rcm.so 555 root bin
644 f none usr/lib/rcm/modules/SUNW_swap_rcm.so 555 root bin
645 f none usr/lib/rcm/rcm_daemon 555 root bin
646 d none usr/lib/rcm/scripts 755 root bin
647 s none usr/lib/rsh=../sbin/sh
648 d none usr/lib/saf 755 root bin
649 f none usr/lib/saf/listen 755 root sys
650 f none usr/lib/saf/nlps_server 755 root sys
651 f none usr/lib/saf/sac 555 root sys
652 f none usr/lib/saf/ttymon 555 root sys

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653 d none usr/lib/secure 755 root bin
654 s none usr/lib/secure/32=.
655 d none usr/lib/security 755 root bin
656 d none usr/lib/sysevent 755 root bin
657 d none usr/lib/sysevent/modules 755 root bin
658 f none usr/lib/sysevent/modules/devfsadmd_mod.so 755 root bin
659 f none usr/lib/sysevent/modules/sysevent_conf_mod.so 755 root bin
660 f none usr/lib/sysevent/modules/sysevent_reg_mod.so 755 root bin
661 f none usr/lib/sysevent/syseventconfd 555 root bin
662 f none usr/lib/sysevent/syseventd 555 root bin
663 f none usr/lib/t300 555 root bin
664 f none usr/lib/t300s 555 root bin
665 f none usr/lib/t4014 555 root bin
666 f none usr/lib/t450 555 root bin
667 d none usr/lib/term 755 root bin
668 f none usr/lib/utmp_update 4555 root bin
669 f none usr/lib/utmpd 555 root bin
670 f none usr/lib/vna 555 root bin
671 f none usr/lib/vplot 555 root bin
672 s none usr/mail=../var/mail
673 d none usr/net 755 root sys
674 d none usr/net/nls 755 root sys
675 s none usr/net/nls/listen=../lib/saf/listen
676 s none usr/net/nls/nlps_server=../lib/saf/nlps_server
677 d none usr/net/servers 755 root sys
678 s none usr/news=../var/news
679 d none usr/old 755 root bin
680 d none usr/openwin 755 root bin
681 d none usr/platform 755 root sys
682 s none usr/preserve=../var/preserve
683 s none usr/pub=../share/lib/pub
684 d none usr/sadm 755 root bin
685 d none usr/sadm/bin 755 root bin
686 l none usr/sadm/bin/dispgid=../usr/bin/ckgid
687 l none usr/sadm/bin/dispuuid=../usr/bin/ckuid
688 l none usr/sadm/bin/errrange=../usr/bin/ckrange
689 l none usr/sadm/bin/errdate=../usr/bin/ckdate
690 l none usr/sadm/bin/errgid=../usr/bin/ckgid
691 l none usr/sadm/bin/errint=../usr/bin/ckint
692 l none usr/sadm/bin/erritem=../usr/bin/ckitem
693 l none usr/sadm/bin/errpath=../usr/bin/ckpath
694 l none usr/sadm/bin/errstr=../usr/bin/ckstr
695 l none usr/sadm/bin/errtime=../usr/bin/cktime
696 l none usr/sadm/bin/erruid=../usr/bin/ckuid
697 l none usr/sadm/bin/erryorn=../usr/bin/ckyorn
698 l none usr/sadm/bin/helpdate=../usr/bin/ckdate
699 l none usr/sadm/bin/helpgid=../usr/bin/ckgid
700 l none usr/sadm/bin/helpint=../usr/bin/ckint
701 l none usr/sadm/bin/helpitem=../usr/bin/ckitem
702 l none usr/sadm/bin/helppath=../usr/bin/ckpath
703 l none usr/sadm/bin/helpprange=../usr/bin/ckrange
704 l none usr/sadm/bin/helppstr=../usr/bin/ckstr
705 l none usr/sadm/bin/helptime=../usr/bin/cktime
706 l none usr/sadm/bin/helpuid=../usr/bin/ckuid
707 l none usr/sadm/bin/helpyorn=../usr/bin/ckyorn
708 f none usr/sadm/bin/puttext 555 root bin
709 l none usr/sadm/bin/valdate=../usr/bin/ckdate
710 l none usr/sadm/bin/valgid=../usr/bin/ckgid
711 l none usr/sadm/bin/valint=../usr/bin/ckint
712 l none usr/sadm/bin/valpath=../usr/bin/ckpath
713 l none usr/sadm/bin/valrange=../usr/bin/ckrange
714 l none usr/sadm/bin/valstr=../usr/bin/ckstr
715 l none usr/sadm/bin/valtime=../usr/bin/cktime
716 l none usr/sadm/bin/valid=../usr/bin/ckuid
717 l none usr/sadm/bin/valyorn=../usr/bin/ckyorn
718 d none usr/sadm/install 755 root bin

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719 f none usr/sadm/install/miniroot.db 444 root sys
720 d none usr/sadm/install/scripts 755 root bin
721 f none usr/sadm/install/scripts/i.ipsecalgs 555 root sys
722 f none usr/sadm/install/scripts/i.kcconf 555 root sys
723 f none usr/sadm/install/scripts/i.kmfcconf 555 root sys
724 f none usr/sadm/install/scripts/i.manifest 555 root sys
725 f none usr/sadm/install/scripts/i.pkcs11conf 555 root sys
726 f none usr/sadm/install/scripts/i.rbac 555 root sys
727 f none usr/sadm/install/scripts/r.ipsecalgs 555 root sys
728 f none usr/sadm/install/scripts/r.kcconf 555 root sys
729 f none usr/sadm/install/scripts/r.kmfcconf 555 root sys
730 f none usr/sadm/install/scripts/r.manifest 555 root sys
731 f none usr/sadm/install/scripts/r.pkcs11conf 555 root sys
732 f none usr/sadm/install/scripts/r.rbac 555 root sys
733 d none usr/sadm/sysadm 755 root bin
734 d none usr/sadm/sysadm/add-ons 755 root bin
735 d none usr/sadm/sysadm/bin 755 root bin
736 f none usr/sadm/sysadm/bin/mkdtab 755 root bin
737 f none usr/sadm/updates 444 root bin
738 d none usr/sbin 755 root bin
739 f none usr/sbin/6to4relay 555 root bin
740 f none usr/sbin/acctadm 555 root bin
741 l none usr/sbin/add_drv=../usr/lib/isaexec
742 f none usr/sbin/allocate 4555 root bin
743 f none usr/sbin/arp 555 root bin
744 f none usr/sbin/audit 555 root bin
745 f none usr/sbin/auditconfig 555 root bin
746 f none usr/sbin/auditd 555 root bin
747 f none usr/sbin/auditreduce 555 root bin
748 f none usr/sbin/auditstat 555 root bin
749 l none usr/sbin/auditlinks=../devfsadm
750 s none usr/sbin/autopush=../sbin/autopush
751 s none usr/sbin/bootadm=../sbin/bootadm
752 f none usr/sbin/bsmrecord 555 root bin
753 s none usr/sbin/cachefslog=../lib/fs/cachefs/cachefslog
754 s none usr/sbin/cachefswssize=../lib/fs/cachefs/cachefswssize
755 f none usr/sbin/cfgadm 555 root bin
756 s none usr/sbin/cfsadmin=../lib/fs/cachefs/cfsadmin
757 f none usr/sbin/chroot 555 root bin
758 f none usr/sbin/clear_locks 555 root bin
759 f none usr/sbin/clinfo 555 root bin
760 f none usr/sbin/clri 555 root bin
761 f none usr/sbin/consadm 555 root sys
762 l none usr/sbin/consadm=../usr/sbin/consadm
763 f none usr/sbin/cron 555 root sys
764 f none usr/sbin/cryptoadm 555 root bin
765 s none usr/sbin/dcopy=../clri
766 l none usr/sbin/deallocate=../usr/sbin/allocate
767 f none usr/sbin/devfsadm 755 root sys
768 f none usr/sbin/devinfo 555 root bin
769 l none usr/sbin/devlinks=../devfsadm
770 s none usr/sbin/devnm=../df
771 f none usr/sbin/df 555 root bin
772 f none usr/sbin/dfmounts 555 root bin
773 l none usr/sbin/dfshares=../usr/sbin/dfmounts
774 l none usr/sbin/disks=../devfsadm
775 f none usr/sbin/dispadmin 555 root bin
776 s none usr/sbin/dladm=../sbin/dladm
777 f none usr/sbin/dminfo 555 root bin
778 l none usr/sbin/drvconfig=../devfsadm
779 f none usr/sbin/dumpadm 555 root bin
780 s none usr/sbin/edquota=../lib/fs/ufs/edquota
781 f none usr/sbin/EEPROM 2555 root sys
782 s none usr/sbin/fdisk=../sbin/fdisk
783 f none usr/sbin/ff 555 root bin
784 f none usr/sbin/fmthard 555 root sys

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785 f none usr/sbin/format 555 root bin
786 f none usr/sbin/fsck 555 root bin
787 s none usr/sbin/fsdb=./clri
788 s none usr/sbin/fsirand=./lib/fs/ufs/fsirand
789 s none usr/sbin/fssnap=./clri
790 f none usr/sbin/fstyp 555 root sys
791 f none usr/sbin/fuser 555 root bin
792 f none usr/sbin/getdevpolicy 555 root sys
793 f none usr/sbin/getmajor 755 root sys
794 f none usr/sbin/groupadd 555 root sys
795 f none usr/sbin/groupdel 555 root sys
796 f none usr/sbin/groupmod 555 root sys
797 f none usr/sbin/grpck 555 root bin
798 f none usr/sbin/halt 755 root bin
799 s none usr/sbin/hostconfig=./sbin/hostconfig
800 f none usr/sbin/idmap 555 root bin
801 f none usr/sbin/if_mpadm 555 root bin
802 s none usr/sbin/ifconfig=./sbin/ifconfig
803 f none usr/sbin/ikeadm 555 root bin
804 f none usr/sbin/ikecert 555 root bin
805 f none usr/sbin/inetadm 555 root bin
806 f none usr/sbin/inetconv 555 root bin
807 s none usr/sbin/inetd=./lib/inet/inetd
808 s none usr/sbin/init=./sbin/init
809 f none usr/sbin/install 555 root bin
810 f none usr/sbin/installboot 555 root sys
811 f none usr/sbin/ipaddrsel 555 root bin
812 f none usr/sbin/ipsecalgs 555 root bin
813 f none usr/sbin/ipsecconf 555 root bin
814 f none usr/sbin/ipseckey 555 root bin
815 f none usr/sbin/keyserv 555 root sys
816 f none usr/sbin/killall 555 root bin
817 f none usr/sbin/ksslcfg 555 root bin
818 s none usr/sbin/labelit=./clri
819 f none usr/sbin/link 555 root bin
820 l none usr/sbin/list_devices=./usr/sbin/allocate
821 f none usr/sbin/locator 555 root bin
822 s none usr/sbin/lockfs=./lib/fs/ufs/lockfs
823 f none usr/sbin/lofiadm 555 root bin
824 f none usr/sbin/logadm 555 root bin
825 f none usr/sbin/makedbm 555 root bin
826 f none usr/sbin/mkdevalloc 555 root bin
827 l none usr/sbin/mkdevmaps=./usr/sbin/mkdevalloc
828 f none usr/sbin/mkfile 555 root bin
829 s none usr/sbin/mkfs=./clri
830 f none usr/sbin/mknod 555 root bin
831 l none usr/sbin/modinfo=./usr/lib/isaexec
832 l none usr/sbin/modload=./usr/lib/isaexec
833 l none usr/sbin/modunload=./usr/lib/isaexec
834 s none usr/sbin/mount=./sbin/mount
835 f none usr/sbin/mountall 555 root sys
836 f none usr/sbin/msgid 555 root bin
837 f none usr/sbin/mvdir 555 root bin
838 s none usr/sbin/ncheck=./ff
839 f none usr/sbin/ndd 555 root bin
840 f none usr/sbin/netservices 0555 root sys
841 s none usr/sbin/newfs=./lib/fs/ufs/newfs
842 f none usr/sbin/nlsadmin 755 root adm
843 f none usr/sbin/nscd 555 root bin
844 f none usr/sbin/passmgmt 555 root sys
845 l none usr/sbin/pbind=./usr/lib/isaexec
846 f none usr/sbin/pmadm 555 root sys
847 l none usr/sbin/ports=./devfsadm
848 l none usr/sbin/poweroff=./halt
849 f none usr/sbin/praudit 555 root bin
850 l none usr/sbin/prtconf=./usr/lib/isaexec

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851 f none usr/sbin/prtvtoc 555 root sys
852 f none usr/sbin/psradm 555 root sys
853 f none usr/sbin/psrinfo 555 root sys
854 l none usr/sbin/psrset=./usr/lib/isaexec
855 f none usr/sbin/pwck 555 root bin
856 f none usr/sbin/pwconv 555 root sys
857 s none usr/sbin/quot=./lib/fs/ufs/quot
858 s none usr/sbin/quota=./lib/fs/ufs/quota
859 s none usr/sbin/quotacheck=./lib/fs/ufs/quotacheck
860 s none usr/sbin/quotaoff=./lib/fs/ufs/quotaoff
861 s none usr/sbin/quotaon=./lib/fs/ufs/quotaon
862 f none usr/sbin/raidctl 555 root bin
863 f none usr/sbin/ramdiskadm 555 root bin
864 f none usr/sbin/rctladm 555 root bin
865 l none usr/sbin/reboot=./halt
866 l none usr/sbin/rem_drv=./usr/lib/isaexec
867 s none usr/sbin/repquota=./lib/fs/ufs/repquota
868 l none usr/sbin/roleadd=./usr/sbin/useradd
869 l none usr/sbin/roledel=./usr/sbin/userdel
870 l none usr/sbin/rolemod=./usr/sbin/usermod
871 f none usr/sbin/root_archive 555 root sys
872 s none usr/sbin/route=./sbin/route
873 s none usr/sbin/routeadm=./sbin/routeadm
874 f none usr/sbin/rpcbnd 555 root bin
875 f none usr/sbin/sacadm 4755 root sys
876 f none usr/sbin/setmnt 555 root bin
877 f none usr/sbin/shareall 555 root bin
878 f none usr/sbin/shutdown 755 root sys
879 f none usr/sbin/smbios 555 root bin
880 f none usr/sbin/stmsboot 555 root bin
881 f none usr/sbin/strace 555 root sys
882 f none usr/sbin/strclean 555 root sys
883 f none usr/sbin/strerr 555 root sys
884 f none usr/sbin/sttydefs 755 root sys
885 f none usr/sbin/svccadm 0555 root bin
886 f none usr/sbin/svccfg 0555 root bin
887 l none usr/sbin/swap=./usr/lib/isaexec
888 s none usr/sbin/sync=./sbin/sync
889 f none usr/sbin/syncinit 555 root bin
890 f none usr/sbin/syncloop 555 root bin
891 f none usr/sbin/syncstat 555 root bin
892 l none usr/sbin/sysdef=./usr/lib/isaexec
893 f none usr/sbin/syseventadm 555 root sys
894 f none usr/sbin/syslogd 555 root sys
895 l none usr/sbin/tapes=./devfsadm
896 f none usr/sbin/tar 555 root bin
897 f none usr/sbin/traceroute 4555 root bin
898 l none usr/sbin/trapstat=./usr/lib/latex
899 f none usr/sbin/ttyadm 755 root sys
900 s none usr/sbin/tunefs=./lib/fs/ufs/tunefs
901 s none usr/sbin/uadmin=./sbin/uadmin
902 s none usr/sbin/ufsdump=./lib/fs/ufs/ufsdump
903 s none usr/sbin/ufsrestore=./lib/fs/ufs/ufsrestore
904 s none usr/sbin/umount=./sbin/umount
905 f none usr/sbin/umountall 555 root sys
906 f none usr/sbin/unlink 555 root bin
907 f none usr/sbin/sharectl 555 root bin
908 f none usr/sbin/sharemgr 555 root bin
909 f none usr/lib/libshare.so.1 755 root bin
910 l none usr/sbin/share=./usr/sbin/sharemgr
911 l none usr/sbin/unshare=./usr/sbin/sharemgr
912 f none usr/sbin/unshareall 555 root bin
913 l none usr/sbin/update_drv=./usr/lib/isaexec
914 f none usr/sbin/useradd 555 root sys
915 f none usr/sbin/userdel 555 root sys
916 f none usr/sbin/usermod 555 root sys

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917 f none usr/sbin/volcopy 555 root bin
918 f none usr/sbin/wall 2555 root tty
919 l none usr/sbin/whodow=../usr/lib/isaexec
920 f none usr/sbin/zdump 555 root bin
921 f none usr/sbin/zic 555 root bin
922 d none usr/share 755 root sys
923 d none usr/share/lib 755 root sys
924 d none usr/share/lib/mailx 755 root bin
925 f none usr/share/lib/mailx/mailx.help 644 root bin
926 f none usr/share/lib/mailx/mailx.help~ 644 root bin
927 d none usr/share/lib/pub 755 root bin
928 d none usr/share/lib/tabset 755 root bin
929 f none usr/share/lib/tabset/3101 644 root bin
930 f none usr/share/lib/tabset/beeheeve 644 root bin
931 f none usr/share/lib/tabset/hds 644 root bin
932 f none usr/share/lib/tabset/hds3 644 root bin
933 f none usr/share/lib/tabset/std 644 root bin
934 f none usr/share/lib/tabset/stdcrt 644 root bin
935 f none usr/share/lib/tabset/teleray 644 root bin
936 f none usr/share/lib/tabset/vt100 644 root bin
937 f none usr/share/lib/tabset/wyse-adds 644 root bin
938 f none usr/share/lib/tabset/xerox1720 644 root bin
939 f none usr/share/lib/termcap 644 root bin
940 d none usr/share/lib/terminfo 755 root bin
941 d none usr/share/lib/terminfo/3 755 root bin
942 l none usr/share/lib/terminfo/3/386AT-M=../usr/share/lib/terminfo/a/
943 l none usr/share/lib/terminfo/3/386AT=../usr/share/lib/terminfo/a/at
944 l none usr/share/lib/terminfo/3/386at-m=../usr/share/lib/terminfo/a/at
945 l none usr/share/lib/terminfo/3/386at=../usr/share/lib/terminfo/a/at
946 d none usr/share/lib/terminfo/A 755 root bin
947 f none usr/share/lib/terminfo/A/AT386-DOS 644 root bin
948 f none usr/share/lib/terminfo/A/AT386-DOS-M 644 root bin
949 l none usr/share/lib/terminfo/A/AT386-M=../usr/share/lib/terminfo/a/
950 l none usr/share/lib/terminfo/A/AT386=../usr/share/lib/terminfo/a/at
951 d none usr/share/lib/terminfo/a 755 root bin
952 f none usr/share/lib/terminfo/a/ansi 644 root bin
953 f none usr/share/lib/terminfo/a/ansi-arrows 644 root bin
954 f none usr/share/lib/terminfo/a/ansi+cup 644 root bin
955 f none usr/share/lib/terminfo/a/ansi+erase 644 root bin
956 f none usr/share/lib/terminfo/a/ansi+idc 644 root bin
957 f none usr/share/lib/terminfo/a/ansi+idl 644 root bin
958 f none usr/share/lib/terminfo/a/ansi+idl1 644 root bin
959 f none usr/share/lib/terminfo/a/ansi+inittabs 644 root bin
960 f none usr/share/lib/terminfo/a/ansi+local 644 root bin
961 f none usr/share/lib/terminfo/a/ansi+local1 644 root bin
962 f none usr/share/lib/terminfo/a/ansi+pp 644 root bin
963 f none usr/share/lib/terminfo/a/ansi+rca 644 root bin
964 f none usr/share/lib/terminfo/a/ansi+rep 644 root bin
965 f none usr/share/lib/terminfo/a/ansi+sgr 644 root bin
966 f none usr/share/lib/terminfo/a/ansi+sgrbold 644 root bin
967 f none usr/share/lib/terminfo/a/ansi+sgrdim 644 root bin
968 f none usr/share/lib/terminfo/a/ansi+sgrso 644 root bin
969 f none usr/share/lib/terminfo/a/ansi+sgrul 644 root bin
970 f none usr/share/lib/terminfo/a/ansi+tabs 644 root bin
971 f none usr/share/lib/terminfo/a/at386 644 root bin
972 f none usr/share/lib/terminfo/a/at386-m 644 root bin
973 d none usr/share/lib/terminfo/s 755 root bin
974 f none usr/share/lib/terminfo/s/screen 644 root bin
975 f none usr/share/lib/terminfo/s/screen-w 644 root bin
976 f none usr/share/lib/terminfo/s/sun 644 root bin
977 f none usr/share/lib/terminfo/s/sun-1 644 root bin
978 f none usr/share/lib/terminfo/s/sun-12 644 root bin
979 f none usr/share/lib/terminfo/s/sun-17 644 root bin
980 f none usr/share/lib/terminfo/s/sun-24 644 root bin
981 f none usr/share/lib/terminfo/s/sun-34 644 root bin
982 f none usr/share/lib/terminfo/s/sun-48 644 root bin

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983 f none usr/share/lib/terminfo/s/sun-cmd 644 root bin
984 f none usr/share/lib/terminfo/s/sun-color 644 root bin
985 f none usr/share/lib/terminfo/s/sun-e 644 root bin
986 f none usr/share/lib/terminfo/s/sun-e-s 644 root bin
987 f none usr/share/lib/terminfo/s/sun-na 644 root bin
988 l none usr/share/lib/terminfo/s/sun-nic=../usr/share/lib/terminfo/s/
989 f none usr/share/lib/terminfo/s/sun-s 644 root bin
990 l none usr/share/lib/terminfo/s/sun-s-e=../usr/share/lib/terminfo/s/
991 l none usr/share/lib/terminfo/s/sun1=../usr/share/lib/terminfo/s/sun
992 l none usr/share/lib/terminfo/s/sun2=../usr/share/lib/terminfo/s/sun
993 l none usr/share/lib/terminfo/s/sune=../usr/share/lib/terminfo/s/sun
994 d none usr/share/lib/terminfo/u 755 root bin
995 f none usr/share/lib/terminfo/u/unknown 644 root bin
996 d none usr/share/lib/terminfo/v 755 root bin
997 f none usr/share/lib/terminfo/v/vs100 644 root bin
998 f none usr/share/lib/terminfo/v/vs100s 644 root bin
999 f none usr/share/lib/terminfo/v/vt100 644 root bin
1000 l none usr/share/lib/terminfo/v/vt100-am=../usr/share/lib/terminfo/v
1001 f none usr/share/lib/terminfo/v/vt100-bot-s 644 root bin
1002 f none usr/share/lib/terminfo/v/vt100-nam 644 root bin
1003 f none usr/share/lib/terminfo/v/vt100-nam-w 644 root bin
1004 f none usr/share/lib/terminfo/v/vt100-nav 644 root bin
1005 f none usr/share/lib/terminfo/v/vt100-nav-w 644 root bin
1006 f none usr/share/lib/terminfo/v/vt100-np 644 root bin
1007 f none usr/share/lib/terminfo/v/vt100-s 644 root bin
1008 l none usr/share/lib/terminfo/v/vt100-s-bot=../usr/share/lib/terminf
1009 l none usr/share/lib/terminfo/v/vt100-s-top=../usr/share/lib/terminf
1010 l none usr/share/lib/terminfo/v/vt100-top-s=../usr/share/lib/terminf
1011 f none usr/share/lib/terminfo/v/vt100-w 644 root bin
1012 l none usr/share/lib/terminfo/v/vt100-w-am=../usr/share/lib/terminfo
1013 l none usr/share/lib/terminfo/v/vt100-w-nam=../usr/share/lib/terminf
1014 l none usr/share/lib/terminfo/v/vt100-w-nav=../usr/share/lib/terminf
1015 f none usr/share/lib/terminfo/v/vt100am 644 root bin
1016 f none usr/share/lib/terminfo/v/vt100nam 644 root bin
1017 f none usr/share/lib/terminfo/v/vt100s 644 root bin
1018 f none usr/share/lib/terminfo/v/vt100w 644 root bin
1019 f none usr/share/lib/terminfo/v/vt132 644 root bin
1020 f none usr/share/lib/terminfo/v/vt220 644 root bin
1021 d none usr/share/lib/terminfo/x 755 root bin
1022 l none usr/share/lib/terminfo/x/xterm=../usr/share/lib/terminfo/v/vs
1023 l none usr/share/lib/terminfo/x/xterm-color=../usr/share/lib/terminf
1024 f none usr/share/lib/terminfo/x/xtermc 644 root bin
1025 f none usr/share/lib/terminfo/x/xtermm 644 root bin
1026 l none usr/share/lib/terminfo/x/xterms=../usr/share/lib/terminfo/v/v
1027 f none usr/share/lib/unttab 444 root bin
1028 d none usr/share/lib/xml 755 root sys
1029 d none usr/share/lib/xml/dtd 755 root sys
1030 f none usr/share/lib/xml/dtd/adt_record.dtd.1 444 root bin
1031 f none usr/share/lib/xml/dtd/kmfpolicy.dtd 444 root bin
1032 f none usr/share/lib/xml/dtd/service_bundle.dtd.1 0444 root sys
1033 d none usr/share/lib/xml/style 755 root sys
1034 f none usr/share/lib/xml/style/adt_record.xsl.1 444 root bin
1035 d none usr/share/lib/zoneinfo 755 root bin
1036 d none usr/share/lib/zoneinfo/Africa 755 root bin
1037 f none usr/share/lib/zoneinfo/Africa/Abidjan 644 root bin
1038 f none usr/share/lib/zoneinfo/Africa/Accra 644 root bin
1039 f none usr/share/lib/zoneinfo/Africa/Addis_Ababa 644 root bin
1040 f none usr/share/lib/zoneinfo/Africa/Algiers 644 root bin
1041 f none usr/share/lib/zoneinfo/Africa/Asmara 644 root bin
1042 l none usr/share/lib/zoneinfo/Africa/Asmera=../usr/share/lib/zoneinf
1043 f none usr/share/lib/zoneinfo/Africa/Bamako 644 root bin
1044 f none usr/share/lib/zoneinfo/Africa/Bangui 644 root bin
1045 f none usr/share/lib/zoneinfo/Africa/Banjul 644 root bin
1046 f none usr/share/lib/zoneinfo/Africa/Bissau 644 root bin
1047 f none usr/share/lib/zoneinfo/Africa/Blantyre 644 root bin
1048 f none usr/share/lib/zoneinfo/Africa/Brazzaville 644 root bin

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1049 f none usr/share/lib/zoneinfo/Africa/Bujumbura 644 root bin
1050 f none usr/share/lib/zoneinfo/Africa/Cairo 644 root bin
1051 f none usr/share/lib/zoneinfo/Africa/Casablanca 644 root bin
1052 f none usr/share/lib/zoneinfo/Africa/Ceuta 644 root bin
1053 f none usr/share/lib/zoneinfo/Africa/Conakry 644 root bin
1054 f none usr/share/lib/zoneinfo/Africa/Dakar 644 root bin
1055 f none usr/share/lib/zoneinfo/Africa/Dar_es_Salaam 644 root bin
1056 f none usr/share/lib/zoneinfo/Africa/Djibouti 644 root bin
1057 f none usr/share/lib/zoneinfo/Africa/Douala 644 root bin
1058 f none usr/share/lib/zoneinfo/Africa/El_Aaiun 644 root bin
1059 f none usr/share/lib/zoneinfo/Africa/Freetown 644 root bin
1060 f none usr/share/lib/zoneinfo/Africa/Gaborone 644 root bin
1061 f none usr/share/lib/zoneinfo/Africa/Harare 644 root bin
1062 f none usr/share/lib/zoneinfo/Africa/Johannesburg 644 root bin
1063 f none usr/share/lib/zoneinfo/Africa/Kampala 644 root bin
1064 f none usr/share/lib/zoneinfo/Africa/Khartoum 644 root bin
1065 f none usr/share/lib/zoneinfo/Africa/Kigali 644 root bin
1066 f none usr/share/lib/zoneinfo/Africa/Kinshasa 644 root bin
1067 f none usr/share/lib/zoneinfo/Africa/Lagos 644 root bin
1068 f none usr/share/lib/zoneinfo/Africa/Libreville 644 root bin
1069 f none usr/share/lib/zoneinfo/Africa/Lome 644 root bin
1070 f none usr/share/lib/zoneinfo/Africa/Luanda 644 root bin
1071 f none usr/share/lib/zoneinfo/Africa/Lubumbashi 644 root bin
1072 f none usr/share/lib/zoneinfo/Africa/Lusaka 644 root bin
1073 f none usr/share/lib/zoneinfo/Africa/Malabo 644 root bin
1074 f none usr/share/lib/zoneinfo/Africa/Maputo 644 root bin
1075 f none usr/share/lib/zoneinfo/Africa/Maseru 644 root bin
1076 f none usr/share/lib/zoneinfo/Africa/Mbabane 644 root bin
1077 f none usr/share/lib/zoneinfo/Africa/Mogadishu 644 root bin
1078 f none usr/share/lib/zoneinfo/Africa/Monrovia 644 root bin
1079 f none usr/share/lib/zoneinfo/Africa/Nairobi 644 root bin
1080 f none usr/share/lib/zoneinfo/Africa/Ndjamena 644 root bin
1081 f none usr/share/lib/zoneinfo/Africa/Niamey 644 root bin
1082 f none usr/share/lib/zoneinfo/Africa/Nouakchott 644 root bin
1083 f none usr/share/lib/zoneinfo/Africa/Ouagadougou 644 root bin
1084 f none usr/share/lib/zoneinfo/Africa/Porto-Novo 644 root bin
1085 f none usr/share/lib/zoneinfo/Africa/Sao_Tome 644 root bin
1086 l none usr/share/lib/zoneinfo/Africa/Timbuktu=../../../../usr/share/lib/zonei
1087 f none usr/share/lib/zoneinfo/Africa/Tripoli 644 root bin
1088 f none usr/share/lib/zoneinfo/Africa/Tunis 644 root bin
1089 f none usr/share/lib/zoneinfo/Africa/Windhoek 644 root bin
1090 d none usr/share/lib/zoneinfo/America/755 root bin
1091 f none usr/share/lib/zoneinfo/America/Adak 644 root bin
1092 f none usr/share/lib/zoneinfo/America/Anchorage 644 root bin
1093 f none usr/share/lib/zoneinfo/America/Anguilla 644 root bin
1094 f none usr/share/lib/zoneinfo/America/Antigua 644 root bin
1095 f none usr/share/lib/zoneinfo/America/Araguaina 644 root bin
1096 d none usr/share/lib/zoneinfo/America/Argentina/755 root bin
1097 f none usr/share/lib/zoneinfo/America/Argentina/Buenos_Aires 644 root bin
1098 f none usr/share/lib/zoneinfo/America/Argentina/Catamarca 644 root bin
1099 l none usr/share/lib/zoneinfo/America/Argentina/ComodRivadavia=../../../../
1100 f none usr/share/lib/zoneinfo/America/Argentina/Cordoba 644 root bin
1101 f none usr/share/lib/zoneinfo/America/Argentina/Jujuy 644 root bin
1102 f none usr/share/lib/zoneinfo/America/Argentina/La_Rioja 644 root bin
1103 f none usr/share/lib/zoneinfo/America/Argentina/Mendoza 644 root bin
1104 f none usr/share/lib/zoneinfo/America/Argentina/Rio_Gallegos 644 root bin
1105 f none usr/share/lib/zoneinfo/America/Argentina/San_Juan 644 root bin
1106 f none usr/share/lib/zoneinfo/America/Argentina/San_Luis 644 root bin
1107 f none usr/share/lib/zoneinfo/America/Argentina/Tucuman 644 root bin
1108 f none usr/share/lib/zoneinfo/America/Argentina/Ushuaia 644 root bin
1109 f none usr/share/lib/zoneinfo/America/Aruba 644 root bin
1110 f none usr/share/lib/zoneinfo/America/Asuncion 644 root bin
1111 f none usr/share/lib/zoneinfo/America/Atikokan 644 root bin
1112 l none usr/share/lib/zoneinfo/America/Atka=../../../../usr/share/lib/zoneinfo
1113 f none usr/share/lib/zoneinfo/America/Bahia 644 root bin
1114 f none usr/share/lib/zoneinfo/America/Barbados 644 root bin

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1115 f none usr/share/lib/zoneinfo/America/Belem 644 root bin
1116 f none usr/share/lib/zoneinfo/America/Belize 644 root bin
1117 f none usr/share/lib/zoneinfo/America/Blanc-Sablon 644 root bin
1118 f none usr/share/lib/zoneinfo/America/Boa_Vista 644 root bin
1119 f none usr/share/lib/zoneinfo/America/Bogota 644 root bin
1120 f none usr/share/lib/zoneinfo/America/Boise 644 root bin
1121 l none usr/share/lib/zoneinfo/America/Buenos_Aires=../../../../usr/share/lib/
1122 f none usr/share/lib/zoneinfo/America/Cambridge_Bay 644 root bin
1123 f none usr/share/lib/zoneinfo/America/Campo_Grande 644 root bin
1124 f none usr/share/lib/zoneinfo/America/Cancun 644 root bin
1125 f none usr/share/lib/zoneinfo/America/Caracas 644 root bin
1126 l none usr/share/lib/zoneinfo/America/Catamarca=../../../../usr/share/lib/zon
1127 f none usr/share/lib/zoneinfo/America/Cayenne 644 root bin
1128 f none usr/share/lib/zoneinfo/America/Cayman 644 root bin
1129 f none usr/share/lib/zoneinfo/America/Chicago 644 root bin
1130 f none usr/share/lib/zoneinfo/America/Chihuahua 644 root bin
1131 l none usr/share/lib/zoneinfo/America/Coral_Harbour=../../../../usr/share/lib
1132 l none usr/share/lib/zoneinfo/America/Cordoba=../../../../usr/share/lib/zonei
1133 f none usr/share/lib/zoneinfo/America/Costa_Rica 644 root bin
1134 f none usr/share/lib/zoneinfo/America/Cuiaba 644 root bin
1135 f none usr/share/lib/zoneinfo/America/Curacao 644 root bin
1136 f none usr/share/lib/zoneinfo/America/Danmarkshavn 644 root bin
1137 f none usr/share/lib/zoneinfo/America/Dawson 644 root bin
1138 f none usr/share/lib/zoneinfo/America/Dawson_Creek 644 root bin
1139 f none usr/share/lib/zoneinfo/America/Denver 644 root bin
1140 f none usr/share/lib/zoneinfo/America/Detroit 644 root bin
1141 f none usr/share/lib/zoneinfo/America/Dominica 644 root bin
1142 f none usr/share/lib/zoneinfo/America/Edmonton 644 root bin
1143 f none usr/share/lib/zoneinfo/America/Eirunepe 644 root bin
1144 f none usr/share/lib/zoneinfo/America/El_Salvador 644 root bin
1145 l none usr/share/lib/zoneinfo/America/Ensenada=../../../../usr/share/lib/zone
1146 l none usr/share/lib/zoneinfo/America/Fort_Wayne=../../../../usr/share/lib/zo
1147 f none usr/share/lib/zoneinfo/America/Fortaleza 644 root bin
1148 f none usr/share/lib/zoneinfo/America/Glace_Bay 644 root bin
1149 f none usr/share/lib/zoneinfo/America/Godthab 644 root bin
1150 f none usr/share/lib/zoneinfo/America/Goose_Bay 644 root bin
1151 f none usr/share/lib/zoneinfo/America/Grand_Turk 644 root bin
1152 f none usr/share/lib/zoneinfo/America/Grenada 644 root bin
1153 f none usr/share/lib/zoneinfo/America/Guadeloupe 644 root bin
1154 f none usr/share/lib/zoneinfo/America/Guatemala 644 root bin
1155 f none usr/share/lib/zoneinfo/America/Guayaquil 644 root bin
1156 f none usr/share/lib/zoneinfo/America/Guyana 644 root bin
1157 f none usr/share/lib/zoneinfo/America/Halifax 644 root bin
1158 f none usr/share/lib/zoneinfo/America/Havana 644 root bin
1159 f none usr/share/lib/zoneinfo/America/Hermosillo 644 root bin
1160 d none usr/share/lib/zoneinfo/America/Indiana/755 root bin
1161 f none usr/share/lib/zoneinfo/America/Indiana/Indianapolis 644 root bin
1162 f none usr/share/lib/zoneinfo/America/Indiana/Knox 644 root bin
1163 f none usr/share/lib/zoneinfo/America/Indiana/Marengo 644 root bin
1164 f none usr/share/lib/zoneinfo/America/Indiana/Petersburg 644 root bin
1165 f none usr/share/lib/zoneinfo/America/Indiana/Tell_City 644 root bin
1166 f none usr/share/lib/zoneinfo/America/Indiana/Vevay 644 root bin
1167 f none usr/share/lib/zoneinfo/America/Indiana/Vincennes 644 root bin
1168 f none usr/share/lib/zoneinfo/America/Indiana/Winamac 644 root bin
1169 l none usr/share/lib/zoneinfo/America/Indianapolis=../../../../usr/share/lib/
1170 f none usr/share/lib/zoneinfo/America/Inuvik 644 root bin
1171 f none usr/share/lib/zoneinfo/America/Iqaluit 644 root bin
1172 f none usr/share/lib/zoneinfo/America/Jamaica 644 root bin
1173 l none usr/share/lib/zoneinfo/America/Jujuy=../../../../usr/share/lib/zoneinf
1174 f none usr/share/lib/zoneinfo/America/Juneau 644 root bin
1175 d none usr/share/lib/zoneinfo/America/Kentucky/755 root bin
1176 f none usr/share/lib/zoneinfo/America/Kentucky/Louisville 644 root bin
1177 f none usr/share/lib/zoneinfo/America/Kentucky/Monticello 644 root bin
1178 l none usr/share/lib/zoneinfo/America/Knox_IN=../../../../usr/share/lib/zonei
1179 f none usr/share/lib/zoneinfo/America/La_Paz 644 root bin
1180 f none usr/share/lib/zoneinfo/America/Lima 644 root bin

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1181 f none usr/share/lib/zoneinfo/America/Los_Angeles 644 root bin
 1182 l none usr/share/lib/zoneinfo/America/Louisville=../../../../usr/share/lib/zo
 1183 f none usr/share/lib/zoneinfo/America/Maceio 644 root bin
 1184 f none usr/share/lib/zoneinfo/America/Managua 644 root bin
 1185 f none usr/share/lib/zoneinfo/America/Manaus 644 root bin
 1186 l none usr/share/lib/zoneinfo/America/Marigot=../../../../usr/share/lib/zonei
 1187 f none usr/share/lib/zoneinfo/America/Martinique 644 root bin
 1188 f none usr/share/lib/zoneinfo/America/Mazatlan 644 root bin
 1189 l none usr/share/lib/zoneinfo/America/Mendoza=../../../../usr/share/lib/zonei
 1190 f none usr/share/lib/zoneinfo/America/Menominee 644 root bin
 1191 f none usr/share/lib/zoneinfo/America/Merida 644 root bin
 1192 f none usr/share/lib/zoneinfo/America/Mexico_City 644 root bin
 1193 f none usr/share/lib/zoneinfo/America/Miquelon 644 root bin
 1194 f none usr/share/lib/zoneinfo/America/Moncton 644 root bin
 1195 f none usr/share/lib/zoneinfo/America/Monterrey 644 root bin
 1196 f none usr/share/lib/zoneinfo/America/Montevideo 644 root bin
 1197 f none usr/share/lib/zoneinfo/America/Montreal 644 root bin
 1198 f none usr/share/lib/zoneinfo/America/Montserrat 644 root bin
 1199 f none usr/share/lib/zoneinfo/America/Nassau 644 root bin
 1200 f none usr/share/lib/zoneinfo/America/New_York 644 root bin
 1201 f none usr/share/lib/zoneinfo/America/Nipigon 644 root bin
 1202 f none usr/share/lib/zoneinfo/America/Nome 644 root bin
 1203 f none usr/share/lib/zoneinfo/America/Noronha 644 root bin
 1204 d none usr/share/lib/zoneinfo/America/North_Dakota 755 root bin
 1205 f none usr/share/lib/zoneinfo/America/North_Dakota/Center 644 root bin
 1206 f none usr/share/lib/zoneinfo/America/North_Dakota/New_Salem 644 root bin
 1207 f none usr/share/lib/zoneinfo/America/Panama 644 root bin
 1208 f none usr/share/lib/zoneinfo/America/Pangnirtung 644 root bin
 1209 f none usr/share/lib/zoneinfo/America/Paramaribo 644 root bin
 1210 f none usr/share/lib/zoneinfo/America/Phoenix 644 root bin
 1211 f none usr/share/lib/zoneinfo/America/Port-au-Prince 644 root bin
 1212 f none usr/share/lib/zoneinfo/America/Port_of_Spain 644 root bin
 1213 l none usr/share/lib/zoneinfo/America/Porto_Acre=../../../../usr/share/lib/zo
 1214 f none usr/share/lib/zoneinfo/America/Porto_Velho 644 root bin
 1215 f none usr/share/lib/zoneinfo/America/Puerto_Rico 644 root bin
 1216 f none usr/share/lib/zoneinfo/America/Rainy_River 644 root bin
 1217 f none usr/share/lib/zoneinfo/America/Rankin_Inlet 644 root bin
 1218 f none usr/share/lib/zoneinfo/America/Recife 644 root bin
 1219 f none usr/share/lib/zoneinfo/America/Regina 644 root bin
 1220 f none usr/share/lib/zoneinfo/America/Resolute 644 root bin
 1221 f none usr/share/lib/zoneinfo/America/Rio_Branco 644 root bin
 1222 l none usr/share/lib/zoneinfo/America/Rosario=../../../../usr/share/lib/zonei
 1223 f none usr/share/lib/zoneinfo/America/Santiago 644 root bin
 1224 f none usr/share/lib/zoneinfo/America/Santo_Domingo 644 root bin
 1225 f none usr/share/lib/zoneinfo/America/Sao_Paulo 644 root bin
 1226 f none usr/share/lib/zoneinfo/America/Scoresbysund 644 root bin
 1227 l none usr/share/lib/zoneinfo/America/Shiprock=../../../../usr/share/lib/zone
 1228 l none usr/share/lib/zoneinfo/America/St_Barthelmy=../../../../usr/share/lib
 1229 f none usr/share/lib/zoneinfo/America/St_Johns 644 root bin
 1230 f none usr/share/lib/zoneinfo/America/St_Kitts 644 root bin
 1231 f none usr/share/lib/zoneinfo/America/St_Lucia 644 root bin
 1232 f none usr/share/lib/zoneinfo/America/St_Thomas 644 root bin
 1233 f none usr/share/lib/zoneinfo/America/St_Vincent 644 root bin
 1234 f none usr/share/lib/zoneinfo/America/Swift_Current 644 root bin
 1235 f none usr/share/lib/zoneinfo/America/Tegucigalpa 644 root bin
 1236 f none usr/share/lib/zoneinfo/America/Thule 644 root bin
 1237 f none usr/share/lib/zoneinfo/America/Thunder_Bay 644 root bin
 1238 f none usr/share/lib/zoneinfo/America/Tijuana 644 root bin
 1239 f none usr/share/lib/zoneinfo/America/Toronto 644 root bin
 1240 f none usr/share/lib/zoneinfo/America/Tortola 644 root bin
 1241 f none usr/share/lib/zoneinfo/America/Vancouver 644 root bin
 1242 l none usr/share/lib/zoneinfo/America/Virgin=../../../../usr/share/lib/zonein
 1243 f none usr/share/lib/zoneinfo/America/Whitehorse 644 root bin
 1244 f none usr/share/lib/zoneinfo/America/Winnipeg 644 root bin
 1245 f none usr/share/lib/zoneinfo/America/Yakutat 644 root bin
 1246 f none usr/share/lib/zoneinfo/America/Yellowknife 644 root bin

1247 d none usr/share/lib/zoneinfo/Antarctica 755 root bin
 1248 f none usr/share/lib/zoneinfo/Antarctica/Casey 644 root bin
 1249 f none usr/share/lib/zoneinfo/Antarctica/Davis 644 root bin
 1250 f none usr/share/lib/zoneinfo/Antarctica/DumontD'Urville 644 root bin
 1251 f none usr/share/lib/zoneinfo/Antarctica/Mawson 644 root bin
 1252 f none usr/share/lib/zoneinfo/Antarctica/McMurdo 644 root bin
 1253 f none usr/share/lib/zoneinfo/Antarctica/Palmer 644 root bin
 1254 f none usr/share/lib/zoneinfo/Antarctica/Rothera 644 root bin
 1255 l none usr/share/lib/zoneinfo/Antarctica/South_Pole=../../../../usr/share/lib
 1256 f none usr/share/lib/zoneinfo/Antarctica/Syowa 644 root bin
 1257 f none usr/share/lib/zoneinfo/Antarctica/Vostok 644 root bin
 1258 d none usr/share/lib/zoneinfo/Arctic 755 root bin
 1259 l none usr/share/lib/zoneinfo/Arctic/Longyearbyen=../../../../usr/share/lib/z
 1260 d none usr/share/lib/zoneinfo/Asia 755 root bin
 1261 f none usr/share/lib/zoneinfo/Asia/Aden 644 root bin
 1262 f none usr/share/lib/zoneinfo/Asia/Almaty 644 root bin
 1263 f none usr/share/lib/zoneinfo/Asia/Amman 644 root bin
 1264 f none usr/share/lib/zoneinfo/Asia/Anadyr 644 root bin
 1265 f none usr/share/lib/zoneinfo/Asia/Aqttau 644 root bin
 1266 f none usr/share/lib/zoneinfo/Asia/Aqtobe 644 root bin
 1267 f none usr/share/lib/zoneinfo/Asia/Ashgabat 644 root bin
 1268 l none usr/share/lib/zoneinfo/Asia/Ashkhabad=../../../../usr/share/lib/zonein
 1269 f none usr/share/lib/zoneinfo/Asia/Baghdad 644 root bin
 1270 f none usr/share/lib/zoneinfo/Asia/Bahrain 644 root bin
 1271 f none usr/share/lib/zoneinfo/Asia/Baku 644 root bin
 1272 f none usr/share/lib/zoneinfo/Asia/Bangkok 644 root bin
 1273 f none usr/share/lib/zoneinfo/Asia/Beirut 644 root bin
 1274 f none usr/share/lib/zoneinfo/Asia/Bishkek 644 root bin
 1275 f none usr/share/lib/zoneinfo/Asia/Brunei 644 root bin
 1276 l none usr/share/lib/zoneinfo/Asia/Calcutta=../../../../usr/share/lib/zoneinf
 1277 f none usr/share/lib/zoneinfo/Asia/Choibalsan 644 root bin
 1278 f none usr/share/lib/zoneinfo/Asia/Chongqing 644 root bin
 1279 l none usr/share/lib/zoneinfo/Asia/Chungking=../../../../usr/share/lib/zonein
 1280 f none usr/share/lib/zoneinfo/Asia/Colombo 644 root bin
 1281 l none usr/share/lib/zoneinfo/Asia/Dacca=../../../../usr/share/lib/zoneinfo/A
 1282 f none usr/share/lib/zoneinfo/Asia/Damascus 644 root bin
 1283 f none usr/share/lib/zoneinfo/Asia/Dhaka 644 root bin
 1284 f none usr/share/lib/zoneinfo/Asia/Dili 644 root bin
 1285 f none usr/share/lib/zoneinfo/Asia/Dubai 644 root bin
 1286 f none usr/share/lib/zoneinfo/Asia/Dushanbe 644 root bin
 1287 f none usr/share/lib/zoneinfo/Asia/Gaza 644 root bin
 1288 f none usr/share/lib/zoneinfo/Asia/Harbin 644 root bin
 1289 f none usr/share/lib/zoneinfo/Asia/Ho_Chi_Minh 644 root bin
 1290 f none usr/share/lib/zoneinfo/Asia/Hong_Kong 644 root bin
 1291 f none usr/share/lib/zoneinfo/Asia/Hovd 644 root bin
 1292 f none usr/share/lib/zoneinfo/Asia/Irkutsk 644 root bin
 1293 l none usr/share/lib/zoneinfo/Asia/Istanbul=../../../../usr/share/lib/zoneinf
 1294 f none usr/share/lib/zoneinfo/Asia/Jakarta 644 root bin
 1295 f none usr/share/lib/zoneinfo/Asia/Jayapura 644 root bin
 1296 f none usr/share/lib/zoneinfo/Asia/Jerusalem 644 root bin
 1297 f none usr/share/lib/zoneinfo/Asia/Kabul 644 root bin
 1298 f none usr/share/lib/zoneinfo/Asia/Kamchatka 644 root bin
 1299 f none usr/share/lib/zoneinfo/Asia/Karachi 644 root bin
 1300 f none usr/share/lib/zoneinfo/Asia/Kashgar 644 root bin
 1301 f none usr/share/lib/zoneinfo/Asia/Katmandu 644 root bin
 1302 f none usr/share/lib/zoneinfo/Asia/Kolkata 644 root bin
 1303 f none usr/share/lib/zoneinfo/Asia/Krasnoyarsk 644 root bin
 1304 f none usr/share/lib/zoneinfo/Asia/Kuala_Lumpur 644 root bin
 1305 f none usr/share/lib/zoneinfo/Asia/Kuching 644 root bin
 1306 f none usr/share/lib/zoneinfo/Asia/Kuwait 644 root bin
 1307 l none usr/share/lib/zoneinfo/Asia/Macao=../../../../usr/share/lib/zoneinfo/A
 1308 f none usr/share/lib/zoneinfo/Asia/Macau 644 root bin
 1309 f none usr/share/lib/zoneinfo/Asia/Magadan 644 root bin
 1310 f none usr/share/lib/zoneinfo/Asia/Makassar 644 root bin
 1311 f none usr/share/lib/zoneinfo/Asia/Manila 644 root bin
 1312 f none usr/share/lib/zoneinfo/Asia/Muscat 644 root bin

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1313 f none usr/share/lib/zoneinfo/Asia/Nicosia 644 root bin
1314 f none usr/share/lib/zoneinfo/Asia/Novosibirsk 644 root bin
1315 f none usr/share/lib/zoneinfo/Asia/Omsk 644 root bin
1316 f none usr/share/lib/zoneinfo/Asia/Oral 644 root bin
1317 f none usr/share/lib/zoneinfo/Asia/Phnom_Penh 644 root bin
1318 f none usr/share/lib/zoneinfo/Asia/Pontianak 644 root bin
1319 f none usr/share/lib/zoneinfo/Asia/Pyongyang 644 root bin
1320 f none usr/share/lib/zoneinfo/Asia/Qatar 644 root bin
1321 f none usr/share/lib/zoneinfo/Asia/Qyzylorda 644 root bin
1322 f none usr/share/lib/zoneinfo/Asia/Rangoon 644 root bin
1323 f none usr/share/lib/zoneinfo/Asia/Riyadh 644 root bin
1324 f none usr/share/lib/zoneinfo/Asia/Riyadh87 644 root bin
1325 f none usr/share/lib/zoneinfo/Asia/Riyadh88 644 root bin
1326 f none usr/share/lib/zoneinfo/Asia/Riyadh89 644 root bin
1327 l none usr/share/lib/zoneinfo/Asia/Saigon=../../../../usr/share/lib/zoneinfo/
1328 f none usr/share/lib/zoneinfo/Asia/Sakhalin 644 root bin
1329 f none usr/share/lib/zoneinfo/Asia/Samarkand 644 root bin
1330 f none usr/share/lib/zoneinfo/Asia/Seoul 644 root bin
1331 f none usr/share/lib/zoneinfo/Asia/Shanghai 644 root bin
1332 f none usr/share/lib/zoneinfo/Asia/Singapore 644 root bin
1333 f none usr/share/lib/zoneinfo/Asia/Taipei 644 root bin
1334 f none usr/share/lib/zoneinfo/Asia/Tashkent 644 root bin
1335 f none usr/share/lib/zoneinfo/Asia/Tbilisi 644 root bin
1336 f none usr/share/lib/zoneinfo/Asia/Tehran 644 root bin
1337 l none usr/share/lib/zoneinfo/Asia/Tel_Aviv=../../../../usr/share/lib/zoneinf
1338 l none usr/share/lib/zoneinfo/Asia/Thimbu=../../../../usr/share/lib/zoneinfo/
1339 f none usr/share/lib/zoneinfo/Asia/Thimphu 644 root bin
1340 f none usr/share/lib/zoneinfo/Asia/Tokyo 644 root bin
1341 l none usr/share/lib/zoneinfo/Asia/Ujung_Pandang=../../../../usr/share/lib/zo
1342 f none usr/share/lib/zoneinfo/Asia/Ulaanbaatar 644 root bin
1343 l none usr/share/lib/zoneinfo/Asia/Ulan_Bator=../../../../usr/share/lib/zonei
1344 f none usr/share/lib/zoneinfo/Asia/Urumqi 644 root bin
1345 f none usr/share/lib/zoneinfo/Asia/Vientiane 644 root bin
1346 f none usr/share/lib/zoneinfo/Asia/Vladivostok 644 root bin
1347 f none usr/share/lib/zoneinfo/Asia/Yakutsk 644 root bin
1348 f none usr/share/lib/zoneinfo/Asia/Yekaterinburg 644 root bin
1349 f none usr/share/lib/zoneinfo/Asia/Yerevan 644 root bin
1350 d none usr/share/lib/zoneinfo/Atlantic/755 root bin
1351 f none usr/share/lib/zoneinfo/Atlantic/Azores 644 root bin
1352 f none usr/share/lib/zoneinfo/Atlantic/Bermuda 644 root bin
1353 f none usr/share/lib/zoneinfo/Atlantic/Canary 644 root bin
1354 f none usr/share/lib/zoneinfo/Atlantic/Cape_Verde 644 root bin
1355 l none usr/share/lib/zoneinfo/Atlantic/Faeroe=../../../../usr/share/lib/zonei
1356 f none usr/share/lib/zoneinfo/Atlantic/Faroe 644 root bin
1357 l none usr/share/lib/zoneinfo/Atlantic/Jan_Mayen=../../../../usr/share/lib/zo
1358 f none usr/share/lib/zoneinfo/Atlantic/Madeira 644 root bin
1359 f none usr/share/lib/zoneinfo/Atlantic/Reykjavik 644 root bin
1360 f none usr/share/lib/zoneinfo/Atlantic/South_Georgia 644 root bin
1361 f none usr/share/lib/zoneinfo/Atlantic/St_Helena 644 root bin
1362 f none usr/share/lib/zoneinfo/Atlantic/Stanley 644 root bin
1363 d none usr/share/lib/zoneinfo/Australia/755 root bin
1364 l none usr/share/lib/zoneinfo/Australia/ACT=../../../../usr/share/lib/zoneinf
1365 f none usr/share/lib/zoneinfo/Australia/Adelaide 644 root bin
1366 f none usr/share/lib/zoneinfo/Australia/Brisbane 644 root bin
1367 f none usr/share/lib/zoneinfo/Australia/Broken_Hill 644 root bin
1368 l none usr/share/lib/zoneinfo/Australia/Camberra=../../../../usr/share/lib/zo
1369 f none usr/share/lib/zoneinfo/Australia/Currie 644 root bin
1370 f none usr/share/lib/zoneinfo/Australia/Darwin 644 root bin
1371 f none usr/share/lib/zoneinfo/Australia/Eucla 644 root bin
1372 f none usr/share/lib/zoneinfo/Australia/Hobart 644 root bin
1373 l none usr/share/lib/zoneinfo/Australia/LHI=../../../../usr/share/lib/zoneinf
1374 f none usr/share/lib/zoneinfo/Australia/Lindeman 644 root bin
1375 f none usr/share/lib/zoneinfo/Australia/Lord_Howe 644 root bin
1376 f none usr/share/lib/zoneinfo/Australia/Melbourne 644 root bin
1377 l none usr/share/lib/zoneinfo/Australia/NSW=../../../../usr/share/lib/zoneinf
1378 l none usr/share/lib/zoneinfo/Australia/North=../../../../usr/share/lib/zonei

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1379 f none usr/share/lib/zoneinfo/Australia/Perth 644 root bin
1380 l none usr/share/lib/zoneinfo/Australia/Queensland=../../../../usr/share/lib/
1381 l none usr/share/lib/zoneinfo/Australia/South=../../../../usr/share/lib/zonei
1382 f none usr/share/lib/zoneinfo/Australia/Sydney 644 root bin
1383 l none usr/share/lib/zoneinfo/Australia/Tasmania=../../../../usr/share/lib/zo
1384 l none usr/share/lib/zoneinfo/Australia/Victoria=../../../../usr/share/lib/zo
1385 l none usr/share/lib/zoneinfo/Australia/West=../../../../usr/share/lib/zonein
1386 l none usr/share/lib/zoneinfo/Australia/Yancowinna=../../../../usr/share/lib/
1387 d none usr/share/lib/zoneinfo/Brazil/755 root bin
1388 l none usr/share/lib/zoneinfo/Brazil/Acre=../../../../usr/share/lib/zoneinfo/
1389 l none usr/share/lib/zoneinfo/Brazil/DeNoronha=../../../../usr/share/lib/zone
1390 l none usr/share/lib/zoneinfo/Brazil/East=../../../../usr/share/lib/zoneinfo/
1391 l none usr/share/lib/zoneinfo/Brazil/West=../../../../usr/share/lib/zoneinfo/
1392 f none usr/share/lib/zoneinfo/CET 644 root bin
1393 f none usr/share/lib/zoneinfo/CST6CDT 644 root bin
1394 d none usr/share/lib/zoneinfo/Canada/755 root bin
1395 l none usr/share/lib/zoneinfo/Canada/Atlantic=../../../../usr/share/lib/zonei
1396 l none usr/share/lib/zoneinfo/Canada/Central=../../../../usr/share/lib/zonein
1397 l none usr/share/lib/zoneinfo/Canada/East-Saskatchewan=../../../../usr/share/
1398 l none usr/share/lib/zoneinfo/Canada/Eastern=../../../../usr/share/lib/zonein
1399 l none usr/share/lib/zoneinfo/Canada/Mountain=../../../../usr/share/lib/zonei
1400 l none usr/share/lib/zoneinfo/Canada/Newfoundland=../../../../usr/share/lib/z
1401 l none usr/share/lib/zoneinfo/Canada/Pacific=../../../../usr/share/lib/zonein
1402 l none usr/share/lib/zoneinfo/Canada/Saskatchewan=../../../../usr/share/lib/z
1403 l none usr/share/lib/zoneinfo/Canada/Yukon=../../../../usr/share/lib/zoneinfo
1404 d none usr/share/lib/zoneinfo/Chile/755 root bin
1405 l none usr/share/lib/zoneinfo/Chile/Continental=../../../../usr/share/lib/zon
1406 l none usr/share/lib/zoneinfo/Chile/EasterIsland=../../../../usr/share/lib/zo
1407 l none usr/share/lib/zoneinfo/Cuba=../../../../usr/share/lib/zoneinfo/America/Ha
1408 f none usr/share/lib/zoneinfo/EET 644 root bin
1409 f none usr/share/lib/zoneinfo/EST 644 root bin
1410 f none usr/share/lib/zoneinfo/EST5EDT 644 root bin
1411 l none usr/share/lib/zoneinfo/Egypt=../../../../usr/share/lib/zoneinfo/Africa/Ca
1412 l none usr/share/lib/zoneinfo/Eire=../../../../usr/share/lib/zoneinfo/Europe/Dub
1413 d none usr/share/lib/zoneinfo/Etc/755 root bin
1414 f none usr/share/lib/zoneinfo/Etc/GMT 644 root bin
1415 l none usr/share/lib/zoneinfo/Etc/GMT+0=../../../../usr/share/lib/zoneinfo/Et
1416 f none usr/share/lib/zoneinfo/Etc/GMT+1 644 root bin
1417 f none usr/share/lib/zoneinfo/Etc/GMT+10 644 root bin
1418 f none usr/share/lib/zoneinfo/Etc/GMT+11 644 root bin
1419 f none usr/share/lib/zoneinfo/Etc/GMT+12 644 root bin
1420 f none usr/share/lib/zoneinfo/Etc/GMT+2 644 root bin
1421 f none usr/share/lib/zoneinfo/Etc/GMT+3 644 root bin
1422 f none usr/share/lib/zoneinfo/Etc/GMT+4 644 root bin
1423 f none usr/share/lib/zoneinfo/Etc/GMT+5 644 root bin
1424 f none usr/share/lib/zoneinfo/Etc/GMT+6 644 root bin
1425 f none usr/share/lib/zoneinfo/Etc/GMT+7 644 root bin
1426 f none usr/share/lib/zoneinfo/Etc/GMT+8 644 root bin
1427 f none usr/share/lib/zoneinfo/Etc/GMT+9 644 root bin
1428 l none usr/share/lib/zoneinfo/Etc/GMT-0=../../../../usr/share/lib/zoneinfo/Et
1429 f none usr/share/lib/zoneinfo/Etc/GMT-1 644 root bin
1430 f none usr/share/lib/zoneinfo/Etc/GMT-10 644 root bin
1431 f none usr/share/lib/zoneinfo/Etc/GMT-11 644 root bin
1432 f none usr/share/lib/zoneinfo/Etc/GMT-12 644 root bin
1433 f none usr/share/lib/zoneinfo/Etc/GMT-13 644 root bin
1434 f none usr/share/lib/zoneinfo/Etc/GMT-14 644 root bin
1435 f none usr/share/lib/zoneinfo/Etc/GMT-2 644 root bin
1436 f none usr/share/lib/zoneinfo/Etc/GMT-3 644 root bin
1437 f none usr/share/lib/zoneinfo/Etc/GMT-4 644 root bin
1438 f none usr/share/lib/zoneinfo/Etc/GMT-5 644 root bin
1439 f none usr/share/lib/zoneinfo/Etc/GMT-6 644 root bin
1440 f none usr/share/lib/zoneinfo/Etc/GMT-7 644 root bin
1441 f none usr/share/lib/zoneinfo/Etc/GMT-8 644 root bin
1442 f none usr/share/lib/zoneinfo/Etc/GMT-9 644 root bin
1443 l none usr/share/lib/zoneinfo/Etc/GMT0=../../../../usr/share/lib/zoneinfo/Etc
1444 l none usr/share/lib/zoneinfo/Etc/Greenwich=../../../../usr/share/lib/zoneinf

```



```

1445 f none usr/share/lib/zoneinfo/Etc/UCT 644 root bin
1446 f none usr/share/lib/zoneinfo/Etc/UTC 644 root bin
1447 l none usr/share/lib/zoneinfo/Etc/Universal=../../../../usr/share/lib/zoneinf
1448 l none usr/share/lib/zoneinfo/Etc/Zulu=../../../../usr/share/lib/zoneinfo/Etc
1449 d none usr/share/lib/zoneinfo/Europe 755 root bin
1450 f none usr/share/lib/zoneinfo/Europe/Amsterdam 644 root bin
1451 f none usr/share/lib/zoneinfo/Europe/Andorra 644 root bin
1452 f none usr/share/lib/zoneinfo/Europe/Athens 644 root bin
1453 l none usr/share/lib/zoneinfo/Europe/Belfast=../../../../usr/share/lib/zonein
1454 f none usr/share/lib/zoneinfo/Europe/Belgrade 644 root bin
1455 f none usr/share/lib/zoneinfo/Europe/Berlin 644 root bin
1456 l none usr/share/lib/zoneinfo/Europe/Bratislava=../../../../usr/share/lib/zon
1457 f none usr/share/lib/zoneinfo/Europe/Brussels 644 root bin
1458 f none usr/share/lib/zoneinfo/Europe/Bucharest 644 root bin
1459 f none usr/share/lib/zoneinfo/Europe/Budapest 644 root bin
1460 f none usr/share/lib/zoneinfo/Europe/Chisinau 644 root bin
1461 f none usr/share/lib/zoneinfo/Europe/Copenhagen 644 root bin
1462 f none usr/share/lib/zoneinfo/Europe/Dublin 644 root bin
1463 f none usr/share/lib/zoneinfo/Europe/Gibraltar 644 root bin
1464 l none usr/share/lib/zoneinfo/Europe/Guernsey=../../../../usr/share/lib/zonei
1465 f none usr/share/lib/zoneinfo/Europe/Helsinki 644 root bin
1466 l none usr/share/lib/zoneinfo/Europe/Isle_of_Man=../../../../usr/share/lib/zo
1467 f none usr/share/lib/zoneinfo/Europe/Istanbul 644 root bin
1468 l none usr/share/lib/zoneinfo/Europe/Jersey=../../../../usr/share/lib/zoneinf
1469 f none usr/share/lib/zoneinfo/Europe/Kaliningrad 644 root bin
1470 f none usr/share/lib/zoneinfo/Europe/Kiev 644 root bin
1471 f none usr/share/lib/zoneinfo/Europe/Lisbon 644 root bin
1472 l none usr/share/lib/zoneinfo/Europe/Ljubljana=../../../../usr/share/lib/zone
1473 f none usr/share/lib/zoneinfo/Europe/London 644 root bin
1474 f none usr/share/lib/zoneinfo/Europe/Luxembourg 644 root bin
1475 f none usr/share/lib/zoneinfo/Europe/Madrid 644 root bin
1476 f none usr/share/lib/zoneinfo/Europe/Malta 644 root bin
1477 l none usr/share/lib/zoneinfo/Europe/Mariehamn=../../../../usr/share/lib/zone
1478 f none usr/share/lib/zoneinfo/Europe/Minsk 644 root bin
1479 f none usr/share/lib/zoneinfo/Europe/Monaco 644 root bin
1480 f none usr/share/lib/zoneinfo/Europe/Moscow 644 root bin
1481 l none usr/share/lib/zoneinfo/Europe/Nicosia=../../../../usr/share/lib/zonein
1482 f none usr/share/lib/zoneinfo/Europe/Oslo 644 root bin
1483 f none usr/share/lib/zoneinfo/Europe/Paris 644 root bin
1484 l none usr/share/lib/zoneinfo/Europe/Podgorica=../../../../usr/share/lib/zone
1485 f none usr/share/lib/zoneinfo/Europe/Prague 644 root bin
1486 f none usr/share/lib/zoneinfo/Europe/Riga 644 root bin
1487 f none usr/share/lib/zoneinfo/Europe/Rome 644 root bin
1488 f none usr/share/lib/zoneinfo/Europe/Samara 644 root bin
1489 l none usr/share/lib/zoneinfo/Europe/San_Marino=../../../../usr/share/lib/zon
1490 l none usr/share/lib/zoneinfo/Europe/Sarajevo=../../../../usr/share/lib/zonei
1491 f none usr/share/lib/zoneinfo/Europe/Simferopol 644 root bin
1492 l none usr/share/lib/zoneinfo/Europe/Skopje=../../../../usr/share/lib/zoneinf
1493 f none usr/share/lib/zoneinfo/Europe/Sofia 644 root bin
1494 f none usr/share/lib/zoneinfo/Europe/Stockholm 644 root bin
1495 f none usr/share/lib/zoneinfo/Europe/Tallinn 644 root bin
1496 f none usr/share/lib/zoneinfo/Europe/Tirane 644 root bin
1497 l none usr/share/lib/zoneinfo/Europe/Tiraspol=../../../../usr/share/lib/zonei
1498 f none usr/share/lib/zoneinfo/Europe/Uzhgorod 644 root bin
1499 f none usr/share/lib/zoneinfo/Europe/Vaduz 644 root bin
1500 l none usr/share/lib/zoneinfo/Europe/Vatican=../../../../usr/share/lib/zonein
1501 f none usr/share/lib/zoneinfo/Europe/Vienna 644 root bin
1502 f none usr/share/lib/zoneinfo/Europe/Vilnius 644 root bin
1503 f none usr/share/lib/zoneinfo/Europe/Volgograd 644 root bin
1504 f none usr/share/lib/zoneinfo/Europe/Warsaw 644 root bin
1505 l none usr/share/lib/zoneinfo/Europe/Zagreb=../../../../usr/share/lib/zoneinf
1506 f none usr/share/lib/zoneinfo/Europe/Zaporozhye 644 root bin
1507 f none usr/share/lib/zoneinfo/Europe/Zurich 644 root bin
1508 f none usr/share/lib/zoneinfo/Factory 644 root bin
1509 l none usr/share/lib/zoneinfo/GB=../../../../usr/share/lib/zoneinfo/Europe/Londo
1510 l none usr/share/lib/zoneinfo/GB-Eire=../../../../usr/share/lib/zoneinfo/Europe/

```

```

1511 l none usr/share/lib/zoneinfo/GMT=../../../../usr/share/lib/zoneinfo/Etc/GMT
1512 l none usr/share/lib/zoneinfo/GMT+0=../../../../usr/share/lib/zoneinfo/Etc/GMT
1513 l none usr/share/lib/zoneinfo/GMT-0=../../../../usr/share/lib/zoneinfo/Etc/GMT
1514 l none usr/share/lib/zoneinfo/GMT=../../../../usr/share/lib/zoneinfo/Etc/GMT
1515 l none usr/share/lib/zoneinfo/Greenwich=../../../../usr/share/lib/zoneinfo/Etc/G
1516 f none usr/share/lib/zoneinfo/HST 644 root bin
1517 l none usr/share/lib/zoneinfo/Hongkong=../../../../usr/share/lib/zoneinfo/Asia/H
1518 l none usr/share/lib/zoneinfo/Iceland=../../../../usr/share/lib/zoneinfo/Atlanti
1519 d none usr/share/lib/zoneinfo/Indian 755 root bin
1520 f none usr/share/lib/zoneinfo/Indian/Antananarivo 644 root bin
1521 f none usr/share/lib/zoneinfo/Indian/Chagos 644 root bin
1522 f none usr/share/lib/zoneinfo/Indian/Christmas 644 root bin
1523 f none usr/share/lib/zoneinfo/Indian/Cocos 644 root bin
1524 f none usr/share/lib/zoneinfo/Indian/Comoro 644 root bin
1525 f none usr/share/lib/zoneinfo/Indian/Kerguelen 644 root bin
1526 f none usr/share/lib/zoneinfo/Indian/Mahe 644 root bin
1527 f none usr/share/lib/zoneinfo/Indian/Maldives 644 root bin
1528 f none usr/share/lib/zoneinfo/Indian/Mauritius 644 root bin
1529 f none usr/share/lib/zoneinfo/Indian/Mayotte 644 root bin
1530 f none usr/share/lib/zoneinfo/Indian/Reunion 644 root bin
1531 l none usr/share/lib/zoneinfo/Iran=../../../../usr/share/lib/zoneinfo/Asia/Tehra
1532 l none usr/share/lib/zoneinfo/Israel=../../../../usr/share/lib/zoneinfo/Asia/Jer
1533 l none usr/share/lib/zoneinfo/Jamaica=../../../../usr/share/lib/zoneinfo/America
1534 l none usr/share/lib/zoneinfo/Japan=../../../../usr/share/lib/zoneinfo/Asia/Toky
1535 l none usr/share/lib/zoneinfo/Kwajalein=../../../../usr/share/lib/zoneinfo/Pacif
1536 l none usr/share/lib/zoneinfo/Libya=../../../../usr/share/lib/zoneinfo/Africa/Tr
1537 f none usr/share/lib/zoneinfo/MET 644 root bin
1538 f none usr/share/lib/zoneinfo/MST 644 root bin
1539 f none usr/share/lib/zoneinfo/MST7MDT 644 root bin
1540 d none usr/share/lib/zoneinfo/Mexico 755 root bin
1541 l none usr/share/lib/zoneinfo/Mexico/BajaNorte=../../../../usr/share/lib/zone
1542 l none usr/share/lib/zoneinfo/Mexico/BajaSur=../../../../usr/share/lib/zonein
1543 l none usr/share/lib/zoneinfo/Mexico/General=../../../../usr/share/lib/zonein
1544 d none usr/share/lib/zoneinfo/Mideast 755 root bin
1545 l none usr/share/lib/zoneinfo/Mideast/Riyadh87=../../../../usr/share/lib/zone
1546 l none usr/share/lib/zoneinfo/Mideast/Riyadh88=../../../../usr/share/lib/zone
1547 l none usr/share/lib/zoneinfo/Mideast/Riyadh89=../../../../usr/share/lib/zone
1548 l none usr/share/lib/zoneinfo/NZ=../../../../usr/share/lib/zoneinfo/Pacific/Auck
1549 l none usr/share/lib/zoneinfo/NZ-CHAT=../../../../usr/share/lib/zoneinfo/Pacific
1550 l none usr/share/lib/zoneinfo/Navajo=../../../../usr/share/lib/zoneinfo/America/
1551 l none usr/share/lib/zoneinfo/PRC=../../../../usr/share/lib/zoneinfo/Asia/Shangh
1552 f none usr/share/lib/zoneinfo/PST8PDT 644 root bin
1553 d none usr/share/lib/zoneinfo/Pacific 755 root bin
1554 f none usr/share/lib/zoneinfo/Pacific/Apia 644 root bin
1555 f none usr/share/lib/zoneinfo/Pacific/Auckland 644 root bin
1556 f none usr/share/lib/zoneinfo/Pacific/Chatham 644 root bin
1557 f none usr/share/lib/zoneinfo/Pacific/Easter 644 root bin
1558 f none usr/share/lib/zoneinfo/Pacific/Efate 644 root bin
1559 f none usr/share/lib/zoneinfo/Pacific/Enderbury 644 root bin
1560 f none usr/share/lib/zoneinfo/Pacific/Fakaofu 644 root bin
1561 f none usr/share/lib/zoneinfo/Pacific/Fiji 644 root bin
1562 f none usr/share/lib/zoneinfo/Pacific/Funafuti 644 root bin
1563 f none usr/share/lib/zoneinfo/Pacific/Galapagos 644 root bin
1564 f none usr/share/lib/zoneinfo/Pacific/Gambier 644 root bin
1565 f none usr/share/lib/zoneinfo/Pacific/Guadalcanal 644 root bin
1566 f none usr/share/lib/zoneinfo/Pacific/Guam 644 root bin
1567 f none usr/share/lib/zoneinfo/Pacific/Honolulu 644 root bin
1568 f none usr/share/lib/zoneinfo/Pacific/Johnston 644 root bin
1569 f none usr/share/lib/zoneinfo/Pacific/Kiritimati 644 root bin
1570 f none usr/share/lib/zoneinfo/Pacific/Kosrae 644 root bin
1571 f none usr/share/lib/zoneinfo/Pacific/Kwajalein 644 root bin
1572 f none usr/share/lib/zoneinfo/Pacific/Majuro 644 root bin
1573 f none usr/share/lib/zoneinfo/Pacific/Marquesas 644 root bin
1574 f none usr/share/lib/zoneinfo/Pacific/Midway 644 root bin
1575 f none usr/share/lib/zoneinfo/Pacific/Nauru 644 root bin
1576 f none usr/share/lib/zoneinfo/Pacific/Niue 644 root bin

```

```

1577 f none usr/share/lib/zoneinfo/Pacific/Norfolk 644 root bin
1578 f none usr/share/lib/zoneinfo/Pacific/Noumea 644 root bin
1579 f none usr/share/lib/zoneinfo/Pacific/Pago_Pago 644 root bin
1580 f none usr/share/lib/zoneinfo/Pacific/Palau 644 root bin
1581 f none usr/share/lib/zoneinfo/Pacific/Pitcairn 644 root bin
1582 f none usr/share/lib/zoneinfo/Pacific/Ponape 644 root bin
1583 f none usr/share/lib/zoneinfo/Pacific/Port_Moresby 644 root bin
1584 f none usr/share/lib/zoneinfo/Pacific/Rarotonga 644 root bin
1585 f none usr/share/lib/zoneinfo/Pacific/Saipan 644 root bin
1586 l none usr/share/lib/zoneinfo/Pacific/Samoa=../../../../usr/share/lib/zoneinf
1587 f none usr/share/lib/zoneinfo/Pacific/Tahiti 644 root bin
1588 f none usr/share/lib/zoneinfo/Pacific/Tarawa 644 root bin
1589 f none usr/share/lib/zoneinfo/Pacific/Tongatapu 644 root bin
1590 f none usr/share/lib/zoneinfo/Pacific/Truk 644 root bin
1591 f none usr/share/lib/zoneinfo/Pacific/Wake 644 root bin
1592 f none usr/share/lib/zoneinfo/Pacific/Wallis 644 root bin
1593 l none usr/share/lib/zoneinfo/Pacific/Yap=../../../../usr/share/lib/zoneinfo/
1594 l none usr/share/lib/zoneinfo/Poland=../../../../usr/share/lib/zoneinfo/Europe/W
1595 l none usr/share/lib/zoneinfo/Portugal=../../../../usr/share/lib/zoneinfo/Europe
1596 l none usr/share/lib/zoneinfo/ROK=../../../../usr/share/lib/zoneinfo/Asia/Seoul
1597 l none usr/share/lib/zoneinfo/Singapore=../../../../usr/share/lib/zoneinfo/Asia/
1598 l none usr/share/lib/zoneinfo/Turkey=../../../../usr/share/lib/zoneinfo/Europe/I
1599 l none usr/share/lib/zoneinfo/UCT=../../../../usr/share/lib/zoneinfo/Etc/UCT
1600 d none usr/share/lib/zoneinfo/US 755 root bin
1601 l none usr/share/lib/zoneinfo/US/Alaska=../../../../usr/share/lib/zoneinfo/Am
1602 l none usr/share/lib/zoneinfo/US/Aleutian=../../../../usr/share/lib/zoneinfo/
1603 l none usr/share/lib/zoneinfo/US/Arizona=../../../../usr/share/lib/zoneinfo/A
1604 l none usr/share/lib/zoneinfo/US/Central=../../../../usr/share/lib/zoneinfo/A
1605 l none usr/share/lib/zoneinfo/US/East-Indiana=../../../../usr/share/lib/zon
1606 l none usr/share/lib/zoneinfo/US/Eastern=../../../../usr/share/lib/zoneinfo/A
1607 l none usr/share/lib/zoneinfo/US/Hawaii=../../../../usr/share/lib/zoneinfo/Pa
1608 l none usr/share/lib/zoneinfo/US/Indiana-Starke=../../../../usr/share/lib/zon
1609 l none usr/share/lib/zoneinfo/US/Michigan=../../../../usr/share/lib/zoneinfo/
1610 l none usr/share/lib/zoneinfo/US/Mountain=../../../../usr/share/lib/zoneinfo/
1611 l none usr/share/lib/zoneinfo/US/Pacific=../../../../usr/share/lib/zoneinfo/A
1612 l none usr/share/lib/zoneinfo/US/Pacific-New=../../../../usr/share/lib/zonein
1613 l none usr/share/lib/zoneinfo/US/Samoa=../../../../usr/share/lib/zoneinfo/Pac
1614 l none usr/share/lib/zoneinfo/UTC=../../../../usr/share/lib/zoneinfo/Etc/UTC
1615 l none usr/share/lib/zoneinfo/Universal=../../../../usr/share/lib/zoneinfo/Etc/U
1616 l none usr/share/lib/zoneinfo/W-SU=../../../../usr/share/lib/zoneinfo/Europe/Mos
1617 f none usr/share/lib/zoneinfo/WET 644 root bin
1618 l none usr/share/lib/zoneinfo/Zulu=../../../../usr/share/lib/zoneinfo/Etc/UTC
1619 d none usr/share/lib/zoneinfo/src 755 root bin
1620 f none usr/share/lib/zoneinfo/src/README 644 root bin
1621 f none usr/share/lib/zoneinfo/src/afrika 644 root bin
1622 f none usr/share/lib/zoneinfo/src/antarctica 644 root bin
1623 f none usr/share/lib/zoneinfo/src/asia 644 root bin
1624 f none usr/share/lib/zoneinfo/src/australasia 644 root bin
1625 f none usr/share/lib/zoneinfo/src/backward 644 root bin
1626 f none usr/share/lib/zoneinfo/src/etcetera 644 root bin
1627 f none usr/share/lib/zoneinfo/src/europe 644 root bin
1628 f none usr/share/lib/zoneinfo/src/factory 644 root bin
1629 f none usr/share/lib/zoneinfo/src/northamerica 644 root bin
1630 f none usr/share/lib/zoneinfo/src/pacificnew 644 root bin
1631 f none usr/share/lib/zoneinfo/src/solar87 644 root bin
1632 f none usr/share/lib/zoneinfo/src/solar88 644 root bin
1633 f none usr/share/lib/zoneinfo/src/solar89 644 root bin
1634 f none usr/share/lib/zoneinfo/src/southamerica 644 root bin
1635 f none usr/share/lib/zoneinfo/src/systemv 644 root bin
1636 d none usr/share/lib/zoneinfo/tab 755 root bin
1637 f none usr/share/lib/zoneinfo/tab/continent.tab 644 root bin
1638 f none usr/share/lib/zoneinfo/tab/country.tab 644 root bin
1639 f none usr/share/lib/zoneinfo/tab/zone_sun.tab 644 root bin
1640 d none usr/share/src 755 root sys
1641 s none usr/spool=../var/spool
1642 s none usr/src=../share/src

```

```

1643 s none usr/tmp=../var/tmp
1644 d none usr/xpg4 755 root bin
1645 d none usr/xpg4/bin 755 root bin
1646 f none usr/xpg4/bin/sh 555 root bin

```

new/usr/src/pkgdefs/SUNWcsu/prototype_i386

1

```
*****
7077 Wed Apr 30 17:52:24 2008
new/usr/src/pkgdefs/SUNWcsu/prototype_i386
6418676 encrypt(1) and decrypt(1) could benefit from being 64-bit programs
*****
1 #
2 # CDDL HEADER START
3 #
4 # The contents of this file are subject to the terms of the
5 # Common Development and Distribution License (the "License").
6 # You may not use this file except in compliance with the License.
7 #
8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
11 # and limitations under the License.
12 #
13 # When distributing Covered Code, include this CDDL HEADER in each
14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
15 # If applicable, add the following below this CDDL HEADER, with the
16 # fields enclosed by brackets "[]" replaced with your own identifying
17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 # Copyright 2008 Sun Microsystems, Inc. All rights reserved.
23 # Use is subject to license terms.
24 #
25 # ident "@(#)prototype_i386 1.93 08/04/30 SMI"
26 # ident "@(#)prototype_i386 1.92 08/03/20 SMI"
27 #
28 # This required package information file contains a list of package contents.
29 # The 'pkgmk' command uses this file to identify the contents of a package
30 # and their location on the development machine when building the package.
31 # Can be created via a text editor or through use of the 'pkgproto' command.
32 #!search <pathname pathname ...> # where to find pkg objects
33 #!include <filename> # include another 'prototype' file
34 #!default <mode> <owner> <group> # default used if not specified on entry
35 #!<param>=<value> # puts parameter in pkg environment
36 #
37 #
38 # Include ISA independent files (prototype_com)
39 #
40 !include prototype_com
41 #
42 #
43 # List files which are i386 specific here
44 #
45 # source locations relative to the prototype file
46 #
47 # SUNWcsu
48 #
49 f none usr/bin/addbadsec 555 root bin
50 f none usr/bin/i86/amt 555 root bin
51 f none usr/bin/diskscan 555 root bin
52 d none usr/bin/i86 755 root bin
53 f none usr/bin/i86/decrypt 555 root bin
54 f none usr/bin/i86/digest 555 root bin
55 l none usr/bin/i86/encrypt=decrypt
56 f none usr/bin/i86/ksh93 555 root bin
57 f none usr/bin/i86/newtask 4555 root sys
58 f none usr/bin/i86/nohup 555 root bin
59 l none usr/bin/i86/mac=digest
60 f none usr/bin/i86/prctl 555 root bin
```

new/usr/src/pkgdefs/SUNWcsu/prototype_i386

2

```
61 f none usr/bin/i86/prstat 555 root bin
62 f none usr/bin/i86/ps 555 root bin
63 l none usr/bin/i86/rksh93=ksh93
64 f none usr/bin/i86/savecore 555 root bin
65 f none usr/bin/i86/setuname 555 root bin
66 f none usr/bin/i86/uptime 4555 root bin
67 l none usr/bin/i86/w=uptime
68 f none usr/kernel/drv/dump 755 root sys
69 f none usr/kernel/drv/fssnap 755 root sys
70 f none usr/kernel/drv/kstat 755 root sys
71 f none usr/kernel/drv/ksyms 755 root sys
72 f none usr/kernel/drv/logindmux 755 root sys
73 f none usr/kernel/drv/ptm 755 root sys
74 f none usr/kernel/drv/pts 755 root sys
75 f none usr/kernel/exec/javaexec 755 root sys
76 f none usr/kernel/fs/fdfs 755 root sys
77 f none usr/kernel/fs/pcfs 755 root sys
78 f none usr/kernel/sched/FX 755 root sys
79 f none usr/kernel/sched/FX_DPTBL 755 root sys
80 f none usr/kernel/sched/IA 755 root sys
81 f none usr/kernel/sched/RT 755 root sys
82 f none usr/kernel/sched/RT_DPTBL 755 root sys
83 f none usr/kernel/strmod/r1mod 755 root sys
84 f none usr/kernel/strmod/telmod 755 root sys
85 f none usr/kernel/strmod/cryptmod 755 root sys
86 f none usr/kernel/sys/acctctl 755 root sys
87 f none usr/kernel/sys/exacctsys 755 root sys
88 f none usr/kernel/sys/sysacct 755 root sys
89 f none usr/lib/devfsadm/linkmod/SUNW_ieee1394_link.so 755 root sys
90 f none usr/lib/devfsadm/linkmod/SUNW_misc_link_i386.so 755 root sys
91 f none usr/lib/devfsadm/linkmod/SUNW_xen_link.so 755 root sys
92 s none usr/sbin/installgrub=../sbin/installgrub
93 f none usr/sbin/prtdiag 2755 root sys
94 f none usr/sbin/rtc 555 root bin
95 f none usr/sbin/ucodeadm 555 root bin
96 d none usr/sbin/i86 755 root bin
97 f none usr/sbin/i86/add_drv 555 root sys
98 f none usr/sbin/i86/modinfo 555 root sys
99 f none usr/sbin/i86/modload 555 root sys
100 f none usr/sbin/i86/modunload 555 root sys
101 f none usr/sbin/i86/pbind 555 root sys
102 f none usr/sbin/i86/prtconf 2555 root sys
103 f none usr/sbin/i86/psrset 555 root sys
104 f none usr/sbin/i86/rem_drv 555 root sys
105 f none usr/sbin/i86/swap 2555 root sys
106 f none usr/sbin/i86/sysdef 2555 root sys
107 f none usr/sbin/i86/update_drv 555 root sys
108 f none usr/sbin/i86/who do 4555 root bin
109 d none usr/bin/amd64 755 root bin
110 f none usr/bin/amd64/amt 555 root bin
111 f none usr/bin/amd64/crle 555 root bin
112 f none usr/bin/amd64/decrypt 555 root bin
113 f none usr/bin/amd64/digest 555 root bin
114 l none usr/bin/amd64/encrypt=decrypt
115 f none usr/bin/amd64/ksh93 555 root bin
116 f none usr/bin/amd64/ls 555 root bin
117 l none usr/bin/amd64/mac=digest
118 f none usr/bin/amd64/moe 555 root bin
119 f none usr/bin/amd64/newtask 4555 root sys
120 f none usr/bin/amd64/nohup 555 root bin
121 f none usr/bin/amd64/prctl 555 root bin
122 f none usr/bin/amd64/prstat 555 root bin
123 f none usr/bin/amd64/ps 555 root bin
124 l none usr/bin/amd64/rksh93=ksh93
125 f none usr/bin/amd64/savecore 555 root bin
126 f none usr/bin/amd64/setuname 555 root bin
```

```
127 f none usr/bin/amd64/uptime 4555 root bin
128 l none usr/bin/amd64/w=uptime
129 d none usr/kernel/drv/amd64 755 root sys
130 f none usr/kernel/drv/amd64/dump 755 root sys
131 f none usr/kernel/drv/amd64/fssnap 755 root sys
132 f none usr/kernel/drv/amd64/kstat 755 root sys
133 f none usr/kernel/drv/amd64/ksyms 755 root sys
134 f none usr/kernel/drv/amd64/logindmux 755 root sys
135 f none usr/kernel/drv/amd64/ptm 755 root sys
136 f none usr/kernel/drv/amd64/pts 755 root sys
137 d none usr/kernel/exec/amd64 755 root sys
138 f none usr/kernel/exec/amd64/javaexec 755 root sys
139 d none usr/kernel/fs/amd64 755 root sys
140 f none usr/kernel/fs/amd64/fdfs 755 root sys
141 f none usr/kernel/fs/amd64/pdfs 755 root sys
142 d none usr/kernel/pdbe/amd64 755 root sys
143 d none usr/kernel/sched/amd64 755 root sys
144 f none usr/kernel/sched/amd64/FX 755 root sys
145 f none usr/kernel/sched/amd64/FX_DPTBL 755 root sys
146 f none usr/kernel/sched/amd64/IA 755 root sys
147 f none usr/kernel/sched/amd64/RT 755 root sys
148 f none usr/kernel/sched/amd64/RT_DPTBL 755 root sys
149 d none usr/kernel/strmod/amd64 755 root sys
150 f none usr/kernel/strmod/amd64/rlmod 755 root sys
151 f none usr/kernel/strmod/amd64/telmod 755 root sys
152 f none usr/kernel/strmod/amd64/cryptmod 755 root sys
153 d none usr/kernel/sys/amd64 755 root sys
154 f none usr/kernel/sys/amd64/acctctl 755 root sys
155 f none usr/kernel/sys/amd64/exacctsys 755 root sys
156 f none usr/kernel/sys/amd64/sysacct 755 root sys
157 d none usr/lib/secure/amd64 755 root bin
158 s none usr/lib/secure/64=amd64
159 d none usr/lib/amd64 755 root bin
160 s none usr/lib/amd64/ld.so.1=../../lib/amd64/ld.so.1
161 f none usr/lib/amd64/libshare.so.1 755 root bin
162 d none usr/lib/fs/nfs 755 root sys
163 d none usr/lib/fs/nfs/amd64 755 root sys
164 d none usr/sbin/amd64 755 root bin
165 f none usr/sbin/amd64/add_drv 555 root sys
166 f none usr/sbin/amd64/modinfo 555 root sys
167 f none usr/sbin/amd64/modload 555 root sys
168 f none usr/sbin/amd64/modunload 555 root sys
169 f none usr/sbin/amd64/pbind 555 root sys
170 f none usr/sbin/amd64/prtconf 2555 root sys
171 f none usr/sbin/amd64/psrset 555 root sys
172 f none usr/sbin/amd64/rem_drv 555 root sys
173 f none usr/sbin/amd64/swap 2555 root sys
174 f none usr/sbin/amd64/sysdef 2555 root sys
175 f none usr/sbin/amd64/update_drv 555 root sys
176 f none usr/sbin/amd64/whodo 4555 root bin
```

new/usr/src/pkgdefs/SUNWcsu/prototype_sparc

1

```

*****
5393 Wed Apr 30 17:52:33 2008
new/usr/src/pkgdefs/SUNWcsu/prototype_sparc
6418676 encrypt(1) and decrypt(1) could benefit from being 64-bit programs
*****
1 #
2 # CDDL HEADER START
3 #
4 # The contents of this file are subject to the terms of the
5 # Common Development and Distribution License (the "License").
6 # You may not use this file except in compliance with the License.
7 #
8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
11 # and limitations under the License.
12 #
13 # When distributing Covered Code, include this CDDL HEADER in each
14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
15 # If applicable, add the following below this CDDL HEADER, with the
16 # fields enclosed by brackets "[]" replaced with your own identifying
17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 # Copyright 2008 Sun Microsystems, Inc. All rights reserved.
23 # Use is subject to license terms.
24 #
25 # ident "@(#)prototype_sparc 1.134 08/04/30 SMI"
26 # ident "@(#)prototype_sparc 1.133 08/03/20 SMI"
27 #
27 # This required package information file contains a list of package contents.
28 # The 'pkgmk' command uses this file to identify the contents of a package
29 # and their location on the development machine when building the package.
30 # Can be created via a text editor or through use of the 'pkgproto' command.
31 #
32 #
33 #!search <pathname pathname ...> # where to find pkg objects
34 #!include <filename> # include another 'prototype' file
35 #!default <mode> <owner> <group> # default used if not specified on entry
36 #!<param>=<value> # puts parameter in pkg environment
37 #
38 #
39 # Include ISA independent files (prototype_com)
40 #
41 !include prototype_com
42 #
43 # List files which are SPARC specific here
44 #
45 # source locations relative to the prototype file
46 #
47 # SUNWcsu
48 #
49 d none usr/bin/sparcv7 755 root bin
50 f none usr/bin/sparcv7/ksh93 555 root bin
51 l none usr/bin/sparcv7/rksh93=ksh93
52 f none usr/bin/sparcv7/savecore 555 root bin
53 f none usr/bin/sparcv7/decrypt 555 root bin
54 f none usr/bin/sparcv7/digest 555 root bin
55 l none usr/bin/sparcv7/encrypt=decrypt
56 l none usr/bin/sparcv7/mac=digest
57 d none usr/bin/sparcv9 755 root bin
58 f none usr/bin/sparcv9/amt 555 root bin
59 f none usr/bin/sparcv9/crle 555 root bin
60 f none usr/bin/sparcv9/decrypt 555 root bin

```

new/usr/src/pkgdefs/SUNWcsu/prototype_sparc

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```

61 f none usr/bin/sparcv9/digest 555 root bin
62 l none usr/bin/sparcv9/encrypt=decrypt
63 f none usr/bin/sparcv9/ksh93 555 root bin
64 f none usr/bin/sparcv9/ls 555 root bin
65 l none usr/bin/sparcv9/mac=digest
66 f none usr/bin/sparcv9/moe 555 root bin
67 f none usr/bin/sparcv9/newtask 4555 root sys
68 f none usr/bin/sparcv9/nohup 555 root bin
69 f none usr/bin/sparcv9/prctl 555 root bin
70 f none usr/bin/sparcv9/prstat 555 root bin
71 f none usr/bin/sparcv9/ps 555 root bin
72 l none usr/bin/sparcv9/rksh93=ksh93
73 f none usr/bin/sparcv9/savecore 555 root bin
74 f none usr/bin/sparcv9/setuname 555 root bin
75 f none usr/bin/sparcv9/uptime 4555 root bin
76 l none usr/bin/sparcv9/w=uptime
77 d none usr/kernel/drv/sparcv9 755 root sys
78 f none usr/kernel/drv/sparcv9/dump 755 root sys
79 f none usr/kernel/drv/sparcv9/fssnap 755 root sys
80 f none usr/kernel/drv/sparcv9/kstat 755 root sys
81 f none usr/kernel/drv/sparcv9/ksyms 755 root sys
82 f none usr/kernel/drv/sparcv9/logindmux 755 root sys
83 f none usr/kernel/drv/sparcv9/ptm 755 root sys
84 f none usr/kernel/drv/sparcv9/pts 755 root sys
85 d none usr/kernel/exec/sparcv9 755 root sys
86 f none usr/kernel/exec/sparcv9/javaexec 755 root sys
87 d none usr/kernel/fs/sparcv9 755 root sys
88 f none usr/kernel/fs/sparcv9/fdfs 755 root sys
89 f none usr/kernel/fs/sparcv9/pcfs 755 root sys
90 d none usr/kernel/pcbe/sparcv9 755 root sys
91 d none usr/kernel/sched/sparcv9 755 root sys
92 f none usr/kernel/sched/sparcv9/FX 755 root sys
93 f none usr/kernel/sched/sparcv9/FX_DPTBL 755 root sys
94 f none usr/kernel/sched/sparcv9/IA 755 root sys
95 f none usr/kernel/sched/sparcv9/RT 755 root sys
96 f none usr/kernel/sched/sparcv9/RT_DPTBL 755 root sys
97 d none usr/kernel/strmod/sparcv9 755 root sys
98 f none usr/kernel/strmod/sparcv9/rlmod 755 root sys
99 f none usr/kernel/strmod/sparcv9/telmod 755 root sys
100 f none usr/kernel/strmod/sparcv9/cryptmod 755 root sys
101 d none usr/kernel/sys/sparcv9 755 root sys
102 f none usr/kernel/sys/sparcv9/acctctl 755 root sys
103 f none usr/kernel/sys/sparcv9/exacctsys 755 root sys
104 f none usr/kernel/sys/sparcv9/sysacct 755 root sys
105 f none usr/lib/ld.so 755 root bin
106 f none usr/lib/devfsadm/linkmod/SUNW_ieee1394_link.so 755 root sys
107 f none usr/lib/devfsadm/linkmod/SUNW_misc_link_sparc.so 755 root sys
108 f none usr/lib/rcm/modules/SUNW_ttymux_rcm.so 555 root bin
109 d none usr/lib/secure/sparcv9 755 root bin
110 s none usr/lib/secure/64=sparcv9
111 d none usr/lib/sparcv9 755 root bin
112 s none usr/lib/sparcv9/ld.so.1=../lib/sparcv9/ld.so.1
113 f none usr/lib/sparcv9/libshare.so.1 755 root bin
114 d none usr/lib/fs/nfs 755 root sys
115 d none usr/lib/fs/nfs/sparcv9 755 root sys
116 s none usr/sbin/fiocompress=../sbin/fiocompress
117 l none usr/sbin/prtdiag=../usr/lib/platexec
118 d none usr/sbin/sparcv9 755 root bin
119 f none usr/sbin/sparcv9/add_drv 555 root sys
120 f none usr/sbin/sparcv9/modinfo 555 root sys
121 f none usr/sbin/sparcv9/modload 555 root sys
122 f none usr/sbin/sparcv9/modunload 555 root sys
123 f none usr/sbin/sparcv9/pbind 555 root sys
124 f none usr/sbin/sparcv9/prtconf 2555 root sys
125 f none usr/sbin/sparcv9/psrset 555 root sys
126 f none usr/sbin/sparcv9/rem_drv 555 root sys

```

new/usr/src/pkgdefs/SUNWcsu/prototype_sparc

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```
127 f none usr/sbin/sparcv9/swap 2555 root sys
128 f none usr/sbin/sparcv9/sysdef 2555 root sys
129 f none usr/sbin/sparcv9/update_drv 555 root sys
130 f none usr/sbin/sparcv9/whodo 4555 root bin
```