

new/usr/src/common/crypto/edonr/edonr.c

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```
*****
20303 Tue Feb 19 01:00:50 2013
new/usr/src/common/crypto/edonr/edonr.c
Integrated Edon-R hash function.
*****
1 /*
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3  *
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20 *
21 * CDDL HEADER END
22 *
23 * Copyright (C) 2009, 2010, Jorn Amundsen <jorn.amundsen@ntnu.no>
24 *
25 * Tweaked Edon-R implementation for SUPERCOP, based on NIST API.
26 *
27 * $Id: edonr.c 517 2013-02-17 20:34:39Z joern $
28 */
29 /*
30 * Portions copyright (c) 2013, Saso Kiselkov, All rights reserved
31 */

33 #include <sys/edonr.h>

35 /* for memcpy() */
36 #include <sys/system.h>

38 /* big endian support, provides no-op's if run on little endian hosts */
39 #include "edonr_byteorder.h"

41 #define hashState224(x) ((x)->pipe->p256)
42 #define hashState256(x) ((x)->pipe->p256)
43 #define hashState384(x) ((x)->pipe->p512)
44 #define hashState512(x) ((x)->pipe->p512)

46 /* shift and rotate shortcuts */
47 #define shl(x, n) ((x) << n)
48 #define shr(x, n) ((x) >> n)

50 #define rotl32(x, n) (((x) << (n)) | ((x) >> (32 - (n))))
51 #define rotr32(x, n) (((x) >> (n)) | ((x) << (32 - (n))))

53 #define rotl64(x, n) (((x) << (n)) | ((x) >> (64 - (n))))
54 #define rotr64(x, n) (((x) >> (n)) | ((x) << (64 - (n))))

56 #if !defined(__C99_RESTRICT)
57 #define restrict /* restrict */
58 #endif

60 /* EdonR224 initial double chaining pipe */
61 static const uint32_t i224p2[16] = {
```

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```
62 0x00010203ul, 0x04050607ul, 0x08090a0bul, 0x0c0d0e0ful,
63 0x10111213ul, 0x14151617ul, 0x18191a1bul, 0x1c1d1e1ful,
64 0x20212223ul, 0x24252627ul, 0x28292a2bul, 0x2c2d2e2ful,
65 0x30313233ul, 0x34353637ul, 0x38393a3bul, 0x3c3d3e3ful,
66 };

68 /* EdonR256 initial double chaining pipe */
69 static const uint32_t i256p2[16] = {
70 0x40414243ul, 0x44454647ul, 0x48494a4bul, 0x4c4d4e4ful,
71 0x50515253ul, 0x54555657ul, 0x58595a5bul, 0x5c5d5e5ful,
72 0x60616263ul, 0x64656667ul, 0x68696a6bul, 0x6c6d6e6ful,
73 0x70717273ul, 0x74757677ul, 0x78797a7bul, 0x7c7d7e7ful,
74 };

76 /* EdonR384 initial double chaining pipe */
77 static const uint64_t i384p2[16] = {
78 0x0001020304050607ull, 0x08090a0b0c0d0e0full,
79 0x1011121314151617ull, 0x18191a1b1c1d1e1full,
80 0x2021222324252627ull, 0x28292a2b2c2d2e2full,
81 0x3031323334353637ull, 0x38393a3b3c3d3e3full,
82 0x4041424344454647ull, 0x48494a4b4c4d4e4full,
83 0x5051525354555657ull, 0x58595a5b5c5d5e5full,
84 0x6061626364656667ull, 0x68696a6b6c6d6e6full,
85 0x7071727374757677ull, 0x78797a7b7c7d7e7full
86 };

88 /* EdonR512 initial double chaining pipe */
89 static const uint64_t i512p2[16] = {
90 0x8081828384858687ull, 0x88898a8b8c8d8e8full,
91 0x9091929394959697ull, 0x98999a9b9c9d9e9full,
92 0xa0a1a2a3a4a5a6a7ull, 0xa8a9aaabacadaeafull,
93 0xb0b1b2b3b4b5b6b7ull, 0xb8b9babbbcbdbefull,
94 0xc0c1c2c3c4c5c6c7ull, 0xc8c9cacbcccdcecfull,
95 0xd0d1d2d3d4d5d6d7ull, 0xd8d9daddbdcddeedfull,
96 0xe0e1e2e3e4e5e6e7ull, 0xe8e9eaebecedeeefull,
97 0xf0f1f2f3f4f5f6f7ull, 0xf8f9fafbfcfdfeffull
98 };

100 /*
101 * First Latin Square
102 * 0 7 1 3 2 4 6 5
103 * 4 1 7 6 3 0 5 2
104 * 7 0 4 2 5 3 1 6
105 * 1 4 0 5 6 2 7 3
106 * 2 3 6 7 1 5 0 4
107 * 5 2 3 1 7 6 4 0
108 * 3 6 5 0 4 7 2 1
109 * 6 5 2 4 0 1 3 7
110 */
111 #define LS1_256(c, x0, x1, x2, x3, x4, x5, x6, x7)\
112 {\
113     uint32_t x04, x17, x23, x56, x07, x26;\
114 \
115     x04 = x0+x4, x17 = x1+x7, x07 = x04+x17;\
116     s0 = c + x07 + x2;\
117     s1 = rotl32(x07 + x3, 4);\
118     s2 = rotr32(x07 + x6, 8);\
119     x23 = x2 + x3;\
120     s5 = rotl32(x04 + x23 + x5, 22);\
121     x56 = x5 + x6;\
122     s6 = rotr32(x17 + x56 + x0, 24);\
123     x26 = x23+x56;\
124     s3 = rotl32(x26 + x7, 13);\
125     s4 = rotr32(x26 + x1, 17);\
126     s7 = rotr32(x26 + x4, 29);\
127 }
```

```

129 #define LS1_512(c, x0, x1, x2, x3, x4, x5, x6, x7)\
130 {\
131     uint64_t x04, x17, x23, x56, x07, x26;\
132 \
133     x04 = x0+x4, x17 = x1+x7, x07 = x04+x17;\
134     s0 = c + x07 + x2;\
135     s1 = rot164(x07 + x3, 5);\
136     s2 = rot164(x07 + x6, 15);\
137     x23 = x2 + x3;\
138     s5 = rot164(x04 + x23 + x5, 40);\
139     x56 = x5 + x6;\
140     s6 = rot164(x17 + x56 + x0, 50);\
141     x26 = x23+x56;\
142     s3 = rot164(x26 + x7, 22);\
143     s4 = rot164(x26 + x1, 31);\
144     s7 = rot164(x26 + x4, 59);\
145 }
147 /*
148 * Second Orthogonal Latin Square
149 * 0  4  2  3  1  6  5  7
150 * 7  6  3  2  5  4  1  0
151 * 5  3  1  6  0  2  7  4
152 * 1  0  5  4  3  7  2  6
153 * 2  1  0  7  4  5  6  3
154 * 3  5  7  0  6  1  4  2
155 * 4  7  6  1  2  0  3  5
156 * 6  2  4  5  7  3  0  1
157 */
158 #define LS2_256(c, y0, y1, y2, y3, y4, y5, y6, y7)\
159 {\
160     uint32_t y01, y25, y34, y67, y04, y05, y27, y37;\
161 \
162     y01 = y0+y1, y25 = y2+y5, y05 = y01+y25;\
163     t0 = ~c + y05 + y7;\
164     t2 = rot132(y05 + y3, 9);\
165     y34 = y3+y4, y04 = y01+y34;\
166     t1 = rot132(y04 + y6, 5);\
167     t4 = rot132(y04 + y5, 15);\
168     y67 = y6+y7, y37 = y34+y67;\
169     t3 = rot132(y37 + y2, 11);\
170     t7 = rot132(y37 + y0, 27);\
171     y27 = y25+y67;\
172     t5 = rot132(y27 + y4, 20);\
173     t6 = rot132(y27 + y1, 25);\
174 }
176 #define LS2_512(c, y0, y1, y2, y3, y4, y5, y6, y7)\
177 {\
178     uint64_t y01, y25, y34, y67, y04, y05, y27, y37;\
179 \
180     y01 = y0+y1, y25 = y2+y5, y05 = y01+y25;\
181     t0 = ~c + y05 + y7;\
182     t2 = rot164(y05 + y3, 19);\
183     y34 = y3+y4, y04 = y01+y34;\
184     t1 = rot164(y04 + y6, 10);\
185     t4 = rot164(y04 + y5, 36);\
186     y67 = y6+y7, y37 = y34+y67;\
187     t3 = rot164(y37 + y2, 29);\
188     t7 = rot164(y37 + y0, 55);\
189     y27 = y25+y67;\
190     t5 = rot164(y27 + y4, 44);\
191     t6 = rot164(y27 + y1, 48);\
192 }

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194 #define quasi_exform256(r0, r1, r2, r3, r4, r5, r6, r7)\
195 {\
196     uint32_t s04, s17, s23, s56, t01, t25, t34, t67;\
197 \
198     s04 = s0 ^ s4, t01 = t0 ^ t1;\
199     r0 = (s04 ^ s1) + (t01 ^ t5);\
200     t67 = t6 ^ t7;\
201     r1 = (s04 ^ s7) + (t2 ^ t67);\
202     s23 = s2 ^ s3;\
203     r7 = (s23 ^ s5) + (t4 ^ t67);\
204     t34 = t3 ^ t4;\
205     r3 = (s23 ^ s4) + (t0 ^ t34);\
206     s56 = s5 ^ s6;\
207     r5 = (s3 ^ s56) + (t34 ^ t6);\
208     t25 = t2 ^ t5;\
209     r6 = (s2 ^ s56) + (t25 ^ t7);\
210     s17 = s1 ^ s7;\
211     r4 = (s0 ^ s17) + (t1 ^ t25);\
212     r2 = (s17 ^ s6) + (t01 ^ t3);\
213 }
215 #define quasi_exform512(r0, r1, r2, r3, r4, r5, r6, r7)\
216 {\
217     uint64_t s04, s17, s23, s56, t01, t25, t34, t67;\
218 \
219     s04 = s0 ^ s4, t01 = t0 ^ t1;\
220     r0 = (s04 ^ s1) + (t01 ^ t5);\
221     t67 = t6 ^ t7;\
222     r1 = (s04 ^ s7) + (t2 ^ t67);\
223     s23 = s2 ^ s3;\
224     r7 = (s23 ^ s5) + (t4 ^ t67);\
225     t34 = t3 ^ t4;\
226     r3 = (s23 ^ s4) + (t0 ^ t34);\
227     s56 = s5 ^ s6;\
228     r5 = (s3 ^ s56) + (t34 ^ t6);\
229     t25 = t2 ^ t5;\
230     r6 = (s2 ^ s56) + (t25 ^ t7);\
231     s17 = s1 ^ s7;\
232     r4 = (s0 ^ s17) + (t1 ^ t25);\
233     r2 = (s17 ^ s6) + (t01 ^ t3);\
234 }
236 static size_t
237 Q256(size_t bitlen, const uint32_t *data, uint32_t *restrict p)
238 {
239     size_t bl;
241     for (bl = bitlen; bl >= EdonR256_BLOCK_BITSIZE;
242          bl -= EdonR256_BLOCK_BITSIZE, data += 16) {
243         uint32_t s0, s1, s2, s3, s4, s5, s6, s7, t0, t1, t2, t3, t4,
244             t5, t6, t7;
245         uint32_t p0, p1, p2, p3, p4, p5, p6, p7, q0, q1, q2, q3, q4,
246             q5, q6, q7;
247         const uint32_t defix = 0xaaaaaaaa;
248         #if defined(MACHINE_IS_BIG_ENDIAN)
249             uint32_t swp0, swp1, swp2, swp3, swp4, swp5, swp6, swp7, swp8,
250                 swp9, swp10, swp11, swp12, swp13, swp14, swp15;
251         #define d(j)    swp##j
252         #define s32(j) ld_swap32((uint32_t *)data+j, swp##j)
253         #else
254         #define d(j)    data[j]
255         #endif
257         /* First row of quasigroup e-transformations */
258         #if defined(MACHINE_IS_BIG_ENDIAN)
259             s32(8);

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260     s32(9);
261     s32(10);
262     s32(11);
263     s32(12);
264     s32(13);
265     s32(14);
266     s32(15);
267 #endif
268     LS1_256(defix, d(15), d(14), d(13), d(12), d(11), d(10), d(9),
269            d(8));
270 #if defined(MACHINE_IS_BIG_ENDIAN)
271     s32(0);
272     s32(1);
273     s32(2);
274     s32(3);
275     s32(4);
276     s32(5);
277     s32(6);
278     s32(7);
279 #undef s32
280 #endif
281     LS2_256(defix, d(0), d(1), d(2), d(3), d(4), d(5), d(6), d(7));
282     quasi_exform256(p0, p1, p2, p3, p4, p5, p6, p7);
283
284     LS1_256(defix, p0, p1, p2, p3, p4, p5, p6, p7);
285     LS2_256(defix, d(8), d(9), d(10), d(11), d(12), d(13), d(14),
286            d(15));
287     quasi_exform256(q0, q1, q2, q3, q4, q5, q6, q7);
288
289     /* Second row of quasigroup e-transformations */
290     LS1_256(defix, p[8], p[9], p[10], p[11], p[12], p[13], p[14],
291            p[15]);
292     LS2_256(defix, p0, p1, p2, p3, p4, p5, p6, p7);
293     quasi_exform256(p0, p1, p2, p3, p4, p5, p6, p7);
294
295     LS1_256(defix, p0, p1, p2, p3, p4, p5, p6, p7);
296     LS2_256(defix, q0, q1, q2, q3, q4, q5, q6, q7);
297     quasi_exform256(q0, q1, q2, q3, q4, q5, q6, q7);
298
299     /* Third row of quasigroup e-transformations */
300     LS1_256(defix, p0, p1, p2, p3, p4, p5, p6, p7);
301     LS2_256(defix, p[0], p[1], p[2], p[3], p[4], p[5], p[6], p[7]);
302     quasi_exform256(p0, p1, p2, p3, p4, p5, p6, p7);
303
304     LS1_256(defix, q0, q1, q2, q3, q4, q5, q6, q7);
305     LS2_256(defix, p0, p1, p2, p3, p4, p5, p6, p7);
306     quasi_exform256(q0, q1, q2, q3, q4, q5, q6, q7);
307
308     /* Fourth row of quasigroup e-transformations */
309     LS1_256(defix, d(7), d(6), d(5), d(4), d(3), d(2), d(1), d(0));
310     LS2_256(defix, p0, p1, p2, p3, p4, p5, p6, p7);
311     quasi_exform256(p0, p1, p2, p3, p4, p5, p6, p7);
312
313     LS1_256(defix, p0, p1, p2, p3, p4, p5, p6, p7);
314     LS2_256(defix, q0, q1, q2, q3, q4, q5, q6, q7);
315     quasi_exform256(q0, q1, q2, q3, q4, q5, q6, q7);
316
317     /* Edon-R tweak on the original SHA-3 Edon-R submission. */
318     p[0] ^= d(8) ^ p0;
319     p[1] ^= d(9) ^ p1;
320     p[2] ^= d(10) ^ p2;
321     p[3] ^= d(11) ^ p3;
322     p[4] ^= d(12) ^ p4;
323     p[5] ^= d(13) ^ p5;
324     p[6] ^= d(14) ^ p6;
325     p[7] ^= d(15) ^ p7;

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326     p[8] ^= d(0) ^ q0;
327     p[9] ^= d(1) ^ q1;
328     p[10] ^= d(2) ^ q2;
329     p[11] ^= d(3) ^ q3;
330     p[12] ^= d(4) ^ q4;
331     p[13] ^= d(5) ^ q5;
332     p[14] ^= d(6) ^ q6;
333     p[15] ^= d(7) ^ q7;
334 }
335
336 #undef d
337     return (bitlen - bl);
338 }
339
340 #if defined(__IBMC__) && defined(_AIX) && defined(__64BIT__)
341 static inline size_t
342 #else
343 static size_t
344 #endif
345 Q512(size_t bitlen, const uint64_t *data, uint64_t *restrict p)
346 {
347     size_t bl;
348
349     for (bl = bitlen; bl >= EdonR512_BLOCK_BITSIZE;
350          bl -= EdonR512_BLOCK_BITSIZE, data += 16) {
351         uint64_t s0, s1, s2, s3, s4, s5, s6, s7, t0, t1, t2, t3, t4,
352                t5, t6, t7;
353         uint64_t p0, p1, p2, p3, p4, p5, p6, p7, q0, q1, q2, q3, q4,
354                q5, q6, q7;
355         const uint64_t defix = 0xaaaaaaaaaaaaaaaaull;
356 #if defined(MACHINE_IS_BIG_ENDIAN)
357         uint64_t swp0, swp1, swp2, swp3, swp4, swp5, swp6, swp7, swp8,
358                swp9, swp10, swp11, swp12, swp13, swp14, swp15;
359 #define d(j) swp##j
360 #define s64(j) ld_swap64((uint64_t *)data+j, swp##j)
361 #else
362 #define d(j) data[j]
363 #endif
364
365         /* First row of quasigroup e-transformations */
366 #if defined(MACHINE_IS_BIG_ENDIAN)
367         s64(8);
368         s64(9);
369         s64(10);
370         s64(11);
371         s64(12);
372         s64(13);
373         s64(14);
374         s64(15);
375 #endif
376         LS1_512(defix, d(15), d(14), d(13), d(12), d(11), d(10), d(9),
377                d(8));
378 #if defined(MACHINE_IS_BIG_ENDIAN)
379         s64(0);
380         s64(1);
381         s64(2);
382         s64(3);
383         s64(4);
384         s64(5);
385         s64(6);
386         s64(7);
387 #undef s64
388 #endif
389         LS2_512(defix, d(0), d(1), d(2), d(3), d(4), d(5), d(6), d(7));
390         quasi_exform512(p0, p1, p2, p3, p4, p5, p6, p7);

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392     LS1_512(defix, p0, p1, p2, p3, p4, p5, p6, p7);
393     LS2_512(defix, d(8), d(9), d(10), d(11), d(12), d(13), d(14),
394             d(15));
395     quasi_exform512(q0, q1, q2, q3, q4, q5, q6, q7);

397     /* Second row of quasigroup e-transformations */
398     LS1_512(defix, p[8], p[9], p[10], p[11], p[12], p[13], p[14],
399             p[15]);
400     LS2_512(defix, p0, p1, p2, p3, p4, p5, p6, p7);
401     quasi_exform512(p0, p1, p2, p3, p4, p5, p6, p7);

403     LS1_512(defix, p0, p1, p2, p3, p4, p5, p6, p7);
404     LS2_512(defix, q0, q1, q2, q3, q4, q5, q6, q7);
405     quasi_exform512(q0, q1, q2, q3, q4, q5, q6, q7);

407     /* Third row of quasigroup e-transformations */
408     LS1_512(defix, p0, p1, p2, p3, p4, p5, p6, p7);
409     LS2_512(defix, p[0], p[1], p[2], p[3], p[4], p[5], p[6], p[7]);
410     quasi_exform512(p0, p1, p2, p3, p4, p5, p6, p7);

412     LS1_512(defix, q0, q1, q2, q3, q4, q5, q6, q7);
413     LS2_512(defix, p0, p1, p2, p3, p4, p5, p6, p7);
414     quasi_exform512(q0, q1, q2, q3, q4, q5, q6, q7);

416     /* Fourth row of quasigroup e-transformations */
417     LS1_512(defix, d(7), d(6), d(5), d(4), d(3), d(2), d(1), d(0));
418     LS2_512(defix, p0, p1, p2, p3, p4, p5, p6, p7);
419     quasi_exform512(p0, p1, p2, p3, p4, p5, p6, p7);

421     LS1_512(defix, p0, p1, p2, p3, p4, p5, p6, p7);
422     LS2_512(defix, q0, q1, q2, q3, q4, q5, q6, q7);
423     quasi_exform512(q0, q1, q2, q3, q4, q5, q6, q7);

425     /* Edon-R tweak on the original SHA-3 Edon-R submission. */
426     p[0] ^= d(8) ^ p0;
427     p[1] ^= d(9) ^ p1;
428     p[2] ^= d(10) ^ p2;
429     p[3] ^= d(11) ^ p3;
430     p[4] ^= d(12) ^ p4;
431     p[5] ^= d(13) ^ p5;
432     p[6] ^= d(14) ^ p6;
433     p[7] ^= d(15) ^ p7;
434     p[8] ^= d(0) ^ q0;
435     p[9] ^= d(1) ^ q1;
436     p[10] ^= d(2) ^ q2;
437     p[11] ^= d(3) ^ q3;
438     p[12] ^= d(4) ^ q4;
439     p[13] ^= d(5) ^ q5;
440     p[14] ^= d(6) ^ q6;
441     p[15] ^= d(7) ^ q7;
442 }

444 #undef d
445     return (bitlen - bl);
446 }

448 void
449 EdonRInit(EdonRState *state, size_t hashbitlen)
450 {
451     switch (hashbitlen) {
452     case 224:
453         state->hashbitlen = 224;
454         state->bits_processed = 0;
455         state->unprocessed_bits = 0;
456         (void) memcpy(hashState224(state)->DoublePipe, i224p2,
457                     16 * sizeof (uint32_t));

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458         break;

460     case 256:
461         state->hashbitlen = 256;
462         state->bits_processed = 0;
463         state->unprocessed_bits = 0;
464         (void) memcpy(hashState256(state)->DoublePipe, i256p2,
465                     16 * sizeof (uint32_t));
466         break;

468     case 384:
469         state->hashbitlen = 384;
470         state->bits_processed = 0;
471         state->unprocessed_bits = 0;
472         (void) memcpy(hashState384(state)->DoublePipe, i384p2,
473                     16 * sizeof (uint64_t));
474         break;

476     case 512:
477         state->hashbitlen = 512;
478         state->bits_processed = 0;
479         state->unprocessed_bits = 0;
480         (void) memcpy(hashState224(state)->DoublePipe, i512p2,
481                     16 * sizeof (uint64_t));
482         break;

484     default:
485         ASSERT(0);
486     }
487 }

490 void
491 EdonRUpdate(EdonRState *state, const uint8_t *data, size_t databitlen)
492 {
493     uint32_t *data32;
494     uint64_t *data64;

496     size_t bits_processed;

498     switch (state->hashbitlen) {
499     case 224:
500     case 256:
501         if (state->unprocessed_bits > 0) {
502             ASSERT(state->unprocessed_bits + databitlen <=
503                 EdonR256_BLOCK_SIZE * 8);

505             /* LastBytes = databitlen / 8 */
506             int LastBytes = (int) databitlen >> 3;

508             (void) memcpy(hashState256(state)->LastPart
509                 + (state->unprocessed_bits >> 3), data,
510                 LastBytes);
511             state->unprocessed_bits += (int) databitlen;
512             databitlen = state->unprocessed_bits;
513             /* LINTED E_BAD_PTR_CAST_ALIGN */
514             data32 = (uint32_t *) hashState256(state)->LastPart;
515         } else
516             /* LINTED E_BAD_PTR_CAST_ALIGN */
517             data32 = (uint32_t *) data;

519         bits_processed = Q256(databitlen, data32,
520             hashState256(state)->DoublePipe);
521         state->bits_processed += bits_processed;
522         databitlen -= bits_processed;
523         state->unprocessed_bits = (int) databitlen;

```

```

524     if (databitlen > 0) {
525         /* LastBytes = Ceil(databitlen / 8) */
526         int LastBytes =
527             ((~(((int) databitlen) >> 3) & 0x01ff)) +
528             1) & 0x01ff;

530         data32 += bits_processed >> 5; /* byte size update */
531         (void) memcpy(hashState256(state)->LastPart, data32,
532                     LastBytes);
533     }
534     break;

536 case 384:
537 case 512:
538     if (state->unprocessed_bits > 0) {
539         ASSERT(state->unprocessed_bits + databitlen <=
540             EdonR512_BLOCK_SIZE * 8);
541         /* LastBytes = databitlen / 8 */
542         int LastBytes = (int) databitlen >> 3;

544         (void) memcpy(hashState512(state)->LastPart
545                     + (state->unprocessed_bits >> 3), data,
546                     LastBytes);
547         state->unprocessed_bits += (int) databitlen;
548         databitlen = state->unprocessed_bits;
549         /* LINTED E_BAD_PTR_CAST_ALIGN */
550         data64 = (uint64_t *) hashState512(state)->LastPart;
551     } else
552         /* LINTED E_BAD_PTR_CAST_ALIGN */
553         data64 = (uint64_t *) data;

556     bits_processed = Q512(databitlen, data64,
557                          hashState512(state)->DoublePipe);
558     state->bits_processed += bits_processed;
559     databitlen -= bits_processed;
560     state->unprocessed_bits = (int) databitlen;
561     if (databitlen > 0) {
562         /* LastBytes = Ceil(databitlen / 8) */
563         int LastBytes =
564             ((~(((int) databitlen) >> 3) & 0x03ff)) +
565             1) & 0x03ff;

567         data64 += bits_processed >> 6; /* byte size update */
568         (void) memcpy(hashState512(state)->LastPart, data64,
569                     LastBytes);
570     }
571     break;

573 default:
574     ASSERT(0);
575 }
576 }

578 void
579 EdonRFinal(EdonRState *state, uint8_t *hashval)
580 {
581     uint32_t *data32;
582     uint64_t *data64, num_bits;

584     size_t databitlen;
585     int LastByte, PadOnePosition;

587     num_bits = state->bits_processed + state->unprocessed_bits;

589     switch (state->hashbitlen) {

```

```

590     case 224:
591     case 256:
592         LastByte = (int) state->unprocessed_bits >> 3;
593         PadOnePosition = 7 - (state->unprocessed_bits & 0x07);
594         hashState256(state)->LastPart[LastByte] =
595             (hashState256(state)->LastPart[LastByte]
596             & (0xff << (PadOnePosition +
597                 1))) ^ (0x01 << PadOnePosition);
598         /* LINTED E_BAD_PTR_CAST_ALIGN */
599         data64 = (uint64_t *) hashState256(state)->LastPart;

601         if (state->unprocessed_bits < 448) {
602             (void) memset((hashState256(state)->LastPart) +
603                          LastByte + 1, 0x00,
604                          EdonR256_BLOCK_SIZE - LastByte - 9);
605             databitlen = EdonR256_BLOCK_SIZE * 8;
606             #if defined(MACHINE_IS_BIG_ENDIAN)
607                 st_swap64(num_bits, data64 + 7);
608             #else
609                 data64[7] = num_bits;
610             #endif
611         } else {
612             (void) memset((hashState256(state)->LastPart) +
613                          LastByte + 1, 0x00,
614                          EdonR256_BLOCK_SIZE * 2 - LastByte - 9);
615             databitlen = EdonR256_BLOCK_SIZE * 16;
616             #if defined(MACHINE_IS_BIG_ENDIAN)
617                 st_swap64(num_bits, data64 + 15);
618             #else
619                 data64[15] = num_bits;
620             #endif
621         }

623         /* LINTED E_BAD_PTR_CAST_ALIGN */
624         data32 = (uint32_t *) hashState256(state)->LastPart;
625         state->bits_processed += Q256(databitlen, data32,
626                                     hashState256(state)->DoublePipe);
627         break;

629     case 384:
630     case 512:
631         LastByte = (int) state->unprocessed_bits >> 3;
632         PadOnePosition = 7 - (state->unprocessed_bits & 0x07);
633         hashState512(state)->LastPart[LastByte] =
634             (hashState512(state)->LastPart[LastByte]
635             & (0xff << (PadOnePosition +
636                 1))) ^ (0x01 << PadOnePosition);
637         /* LINTED E_BAD_PTR_CAST_ALIGN */
638         data64 = (uint64_t *) hashState512(state)->LastPart;

640         if (state->unprocessed_bits < 960) {
641             (void) memset((hashState512(state)->LastPart) +
642                          LastByte + 1, 0x00,
643                          EdonR512_BLOCK_SIZE - LastByte - 9);
644             databitlen = EdonR512_BLOCK_SIZE * 8;
645             #if defined(MACHINE_IS_BIG_ENDIAN)
646                 st_swap64(num_bits, data64 + 15);
647             #else
648                 data64[15] = num_bits;
649             #endif
650         } else {
651             (void) memset((hashState512(state)->LastPart) +
652                          LastByte + 1, 0x00,
653                          EdonR512_BLOCK_SIZE * 2 - LastByte - 9);
654             databitlen = EdonR512_BLOCK_SIZE * 16;
655             #if defined(MACHINE_IS_BIG_ENDIAN)

```

```

656         st_swap64(num_bits, data64 + 31);
657 #else
658         data64[31] = num_bits;
659 #endif
660     }

662     state->bits_processed += Q512(databitlen, data64,
663     hashState512(state)->DoublePipe);
664     break;

666     default:
667     ASSERT(0);    /* This should never happen */
668     }

671     switch (state->hashbitlen) {
672     case 224: {
673     #if defined(MACHINE_IS_BIG_ENDIAN)
674         uint32_t *d32 = (uint32_t *) hashval;
675         uint32_t *s32 = hashState224(state)->DoublePipe + 9;
676         int j;

678         for (j = 0; j < EdonR224_DIGEST_SIZE >> 2; j++)
679             st_swap32(s32[j], d32 + j);
680     #else
681         (void) memcpy(hashval, hashState256(state)->DoublePipe + 9,
682             EdonR224_DIGEST_SIZE);
683     #endif
684         break;
685     }
686     case 256: {
687     #if defined(MACHINE_IS_BIG_ENDIAN)
688         uint32_t *d32 = (uint32_t *) hashval;
689         uint32_t *s32 = hashState224(state)->DoublePipe + 8;
690         int j;

692         for (j = 0; j < EdonR256_DIGEST_SIZE >> 2; j++)
693             st_swap32(s32[j], d32 + j);
694     #else
695         (void) memcpy(hashval, hashState256(state)->DoublePipe + 8,
696             EdonR256_DIGEST_SIZE);
697     #endif
698         break;
699     }
700     case 384: {
701     #if defined(MACHINE_IS_BIG_ENDIAN)
702         uint64_t *d64 = (uint64_t *) hashval;
703         uint64_t *s64 = hashState384(state)->DoublePipe + 10;
704         int j;

706         for (j = 0; j < EdonR384_DIGEST_SIZE >> 3; j++)
707             st_swap64(s64[j], d64 + j);
708     #else
709         (void) memcpy(hashval, hashState384(state)->DoublePipe + 10,
710             EdonR384_DIGEST_SIZE);
711     #endif
712         break;
713     }
714     case 512: {
715     #if defined(MACHINE_IS_BIG_ENDIAN)
716         uint64_t *d64 = (uint64_t *) hashval;
717         uint64_t *s64 = hashState512(state)->DoublePipe + 8;
718         int j;

720         for (j = 0; j < EdonR512_DIGEST_SIZE >> 3; j++)
721             st_swap64(s64[j], d64 + j);

```

```

722 #else
723         (void) memcpy(hashval, hashState512(state)->DoublePipe + 8,
724             EdonR512_DIGEST_SIZE);
725 #endif
726         break;
727     }

729     default:
730     ASSERT(0);    /* This should never happen */
731     }
732 }

735 void
736 EdonRHash(size_t hashbitlen, const uint8_t *data, size_t databitlen,
737     uint8_t *hashval)
738 {
739     EdonRState state;

741     EdonRInit(&state, hashbitlen);
742     EdonRUpdate(&state, data, databitlen);
743     EdonRFinal(&state, hashval);
744 }

```

new/usr/src/common/crypto/edonr/edonr\_byteorder.h

1

```
*****
6695 Tue Feb 19 01:00:50 2013
new/usr/src/common/crypto/edonr/edonr_byteorder.h
Integrated SUPERCOP version of Edon-R to bring in proper byteswapping.
*****
1 /*
2  * IDI,NTNU
3  *
4  * CDDL HEADER START
5  *
6  * The contents of this file are subject to the terms of the
7  * Common Development and Distribution License (the "License").
8  * You may not use this file except in compliance with the License.
9  *
10 * You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
11 * or http://opensource.org/licenses/CDDL-1.0.
12 * See the License for the specific language governing permissions
13 * and limitations under the License.
14 *
15 * When distributing Covered Code, include this CDDL HEADER in each
16 * file and include the License file at usr/src/OPENSOLARIS.LICENSE.
17 * If applicable, add the following below this CDDL HEADER, with the
18 * fields enclosed by brackets "[]" replaced with your own identifying
19 * information: Portions Copyright [yyyy] [name of copyright owner]
20 *
21 * CDDL HEADER END
22 *
23 * Copyright (C) 2009, 2010, Jorn Amundsen <jorn.amundsen@ntnu.no>
24 *
25 * C header file to determine compile machine byte order. Take care when cross
26 * compiling.
27 *
28 * $Id: byteorder.h 517 2013-02-17 20:34:39Z joern $
29 */
30 /*
31 * Portions copyright (c) 2013, Saso Kiselkov, All rights reserved
32 */
34 #if !defined(BYTEORDER_INCLUDED)
36 #if defined(__linux)
37 #include <endian.h>
38 #else
39 #include <sys/param.h>
40 #endif
42 #if defined(__BYTE_ORDER)
43 #if (__BYTE_ORDER == __BIG_ENDIAN)
44 #define MACHINE_IS_BIG_ENDIAN
45 #elif (__BYTE_ORDER == __LITTLE_ENDIAN)
46 #define MACHINE_IS_LITTLE_ENDIAN
47 #endif
48 #elif defined(BYTE_ORDER)
49 #if (BYTE_ORDER == BIG_ENDIAN)
50 #define MACHINE_IS_BIG_ENDIAN
51 #elif (BYTE_ORDER == LITTLE_ENDIAN)
52 #define MACHINE_IS_LITTLE_ENDIAN
53 #endif
54 #endif /* __BYTE_ORDER || BYTE_ORDER */
56 #if !defined(MACHINE_IS_BIG_ENDIAN) && !defined(MACHINE_IS_LITTLE_ENDIAN)
57 #if defined(_BIG_ENDIAN) || defined(_MIPSEB)
58 #define MACHINE_IS_BIG_ENDIAN
59 #endif
60 #if defined(_LITTLE_ENDIAN) || defined(_MIPSEL)
61 #define MACHINE_IS_LITTLE_ENDIAN
```

new/usr/src/common/crypto/edonr/edonr\_byteorder.h

2

```
62 #endif
63 #endif /* !MACHINE_IS_BIG_ENDIAN && !MACHINE_IS_LITTLE_ENDIAN */
65 #if !defined(MACHINE_IS_BIG_ENDIAN) && !defined(MACHINE_IS_LITTLE_ENDIAN)
66 #error unknown machine byte sex
67 #endif
69 #define BYTEORDER_INCLUDED
71 #if defined(MACHINE_IS_BIG_ENDIAN)
72 /*
73  * Byte swapping macros for big endian architectures and compilers,
74  * add as appropriate for other architectures and/or compilers.
75  *
76  * ld_swap64(src,dst) : uint64_t dst = *(src)
77  * st_swap64(src,dst) : *(dst) = uint64_t src
78 */
80 #if defined(__PPC__) || defined(_ARCH_PPC)
82 #if defined(__64BIT__)
83 #if defined(_ARCH_PWR7)
84 #define aix_ld_swap64(s64, d64)\
85     __asm__("ldbrx %0,0,%1" : "=r"(d64) : "r"(s64))
86 #define aix_st_swap64(s64, d64)\
87     __asm__ volatile("stbrx %1,0,%0" : : "r"(d64), "r"(s64))
88 #else
89 #define aix_ld_swap64(s64, d64)\
90 {\
91     uint64_t *s4, h;\
92     \
93     __asm__("addi %0,%3,4;lwbrx %1,0,%3;lwbrx %2,0,%0;rldimi %1,%2,32,0"\
94            : "+r"(s4), "=r"(d64), "=r"(h) : "b"(s64));\
95 }
97 #define aix_st_swap64(s64, d64)\
98 {\
99     uint64_t *s4, h;\
100    \
101    h = (s64) >> 32;\
102    \
103    __asm__ volatile("addi %0,%3,4;stbrx %1,0,%3;stbrx %2,0,%0"\
104                    : "+r"(s4) : "r"(s64), "r"(h), "b"(d64));\
105 }
106 #endif /* 64BIT && PWR7 */
107 #else
108 #define aix_ld_swap64(s64, d64)\
109 {\
110     uint32_t *s4, h, l;\
111     \
112     __asm__("addi %0,%3,4;lwbrx %1,0,%3;lwbrx %2,0,%0"\
113            : "+r"(s4), "=r"(l), "=r"(h) : "b"(s64));\
114     \
115     d64 = ((uint64_t)h<<32) | l;\
116 }
118 #define aix_st_swap64(s64, d64)\
119 {\
120     uint32_t *s4, h, l;\
121     \
122     l = (s64) & 0xffffffff, h = (s64) >> 32;\
123     \
124     __asm__ volatile("addi %0,%3,4;stbrx %1,0,%3;stbrx %2,0,%0"\
125                    : "+r"(s4) : "r"(l), "r"(h), "b"(d64));\
126 }
127 #endif /* __64BIT__ */
```

```

128 #define aix_ld_swap32(s32, d32)\
129     __asm__("lwbx %0,0,%1" : "=r"(d32) : "r"(s32))
130 #define aix_st_swap32(s32, d32)\
131     __asm__volatile("stwbrx %1,0,%0" : "r"(d32), "r"(s32))
132 #define ld_swap32(s, d) aix_ld_swap32(s, d)
133 #define st_swap32(s, d) aix_st_swap32(s, d)
134 #define ld_swap64(s, d) aix_ld_swap64(s, d)
135 #define st_swap64(s, d) aix_st_swap64(s, d)
136 #endif /* __PPC__ || __ARCH_PPC */

138 #if defined(__sparc)
139 #if !defined(__arch64__) && !defined(__sparcv8) && defined(__sparcv9)
140 #define __arch64__
141 #endif
142 #if defined(__GNUC__) || (defined(__SUNPRO_C) && __SUNPRO_C > 0x590)
143 /* need Sun Studio C 5.10 and above for GNU inline assembly */
144 #if defined(__arch64__)
145 #define sparc_ld_swap64(s64, d64)\
146     __asm__("ldxa [%1]0x88,%0" : "=r"(d64) : "r"(s64))
147 #define sparc_st_swap64(s64, d64)\
148     __asm__volatile("stxa %0,[%1]0x88" : : "r"(s64), "r"(d64))
149 #define st_swap64(s, d) sparc_st_swap64(s, d)
150 #else
151 #define sparc_ld_swap64(s64, d64)\
152 {\
153     uint32_t *s4, h, l;\
154     \
155     __asm__("add %3,4,%0\n\tlda [%3]0x88,%1\n\tlda [%0]0x88,%2"\
156           : "+r"(s4), "=r"(l), "=r"(h) : "r"(s64));\
157     \
158     d64 = ((uint64_t)h<<32) | l;\
159 }
160 #define sparc_st_swap64(s64, d64)\
161 {\
162     uint32_t *s4, h, l;\
163     \
164     l = (s64) & 0xfffffffful, h = (s64) >> 32;\
165     \
166     __asm__volatile("add %3,4,%0\n\tsta %1,[%3]0x88\n\tsta %2,[%0]0x88"\
167           : "+r"(s4) : "r"(l), "r"(h), "r"(d64));\
168 }
169 #endif /* sparc64 */
170 #define sparc_ld_swap32(s32, d32)\
171     __asm__("lda [%1]0x88,%0" : "=r"(d32) : "r"(s32))
172 #define sparc_st_swap32(s32, d32)\
173     __asm__volatile("sta %0,[%1]0x88" : : "r"(s32), "r"(d32))
174 #define ld_swap32(s, d) sparc_ld_swap32(s, d)
175 #define st_swap32(s, d) sparc_st_swap32(s, d)
176 #define ld_swap64(s, d) sparc_ld_swap64(s, d)
177 #define st_swap64(s, d) sparc_st_swap64(s, d)
178 #endif /* GCC || Sun Studio C > 5.9 */
179 #endif /* sparc */

181 /* GCC fallback */
182 #if ((__GNUC__ >= 4) || defined(__PGIC__)) && !defined(ld_swap32)
183 #define ld_swap32(s, d) (d = __builtin_bswap32(*s))
184 #define st_swap32(s, d) (*d) = __builtin_bswap32(s)
185 #endif /* GCC4/PGIC && !swap32 */
186 #if ((__GNUC__ >= 4) || defined(__PGIC__)) && !defined(ld_swap64)
187 #define ld_swap64(s, d) (d = __builtin_bswap64(*s))
188 #define st_swap64(s, d) (*d) = __builtin_bswap64(s)
189 #endif /* GCC4/PGIC && !swap64 */

191 /* generic fallback */
192 #if !defined(ld_swap32)
193 #define ld_swap32(s, d) (d = \

```

```

194     (*s)>>24|(*s)>>8&0xff00|(*s)<<8&0xff0000|(*s)<<24))
195 #define st_swap32(s, d) (*d) = \
196     ((s)>>24)|((s)>>8&0xff00)|((s)<<8&0xff0000)|((s)<<24))
197 #endif
198 #if !defined(ld_swap64)
199 #define ld_swap64(s, d) (d = (*s)>>56|(*s)>>40&0xff00|(*s)>>24&0xff0000|\
200     (*s)>>8&0xff000000|(*s)&0xff000000<<8|(*s)&0xff0000<<24|\
201     (*s)&0xff00<<40|*s)<<56)
202 #define st_swap64(s, d) (*d) = ((s)>>56|((s)>>40&0xff00)|((s)>>24&0xff0000|\
203     ((s)>>8&0xff000000)|((s)&0xff000000)<<8|((s)&0xff0000)<<24|\
204     ((s)&0xff00)<<40|(s)<<56)
205 #endif

207 #endif /* MACHINE_IS_BIG_ENDIAN */

210 #if defined(MACHINE_IS_LITTLE_ENDIAN)
211 /* replace swaps with simple assignments on little endian systems */
212 #undef ld_swap32
213 #undef st_swap32
214 #define ld_swap32(s, d) (d = *s)
215 #define st_swap32(s, d) (*d) = s
216 #undef ld_swap64
217 #undef st_swap64
218 #define ld_swap64(s, d) (d = *s)
219 #define st_swap64(s, d) (*d) = s
220 #endif /* MACHINE_IS_LITTLE_ENDIAN */

222 #endif /* BYTEORDER_INCLUDED */

```



new/usr/src/common/zfs/zfeature\_common.c

1

\*\*\*\*\*

4374 Tue Feb 19 01:00:50 2013

new/usr/src/common/zfs/zfeature\_common.c

Integrated Edon-R hash function.

\*\*\*\*\*

unchanged portion omitted

```
151 void
152 zpool_feature_init(void)
153 {
154     zfeature_register(SPA_FEATURE_ASYNC_DESTROY,
155         "com.delphix:async_destroy", "async_destroy",
156         "Destroy filesystems asynchronously.", B_TRUE, B_FALSE, NULL);
157     zfeature_register(SPA_FEATURE_EMPTY_BPOBJ,
158         "com.delphix:empty_bpobj", "empty_bpobj",
159         "Snapshots use less space.", B_TRUE, B_FALSE, NULL);
160     zfeature_register(SPA_FEATURE_LZ4_COMPRESS,
161         "org.illumos:lz4_compress", "lz4_compress",
162         "LZ4 compression algorithm support.", B_FALSE, B_FALSE, NULL);
163     zfeature_register(SPA_FEATURE_EDONR_CKSUM,
164         "org.illumos:edonr_cksum", "edonr_cksum",
165         "Edon-R-512/256 checksum algorithm support.", B_FALSE, B_FALSE,
166         NULL);
167 }
```

unchanged portion omitted

new/usr/src/common/zfs/zfeature\_common.h

1

\*\*\*\*\*

2204 Tue Feb 19 01:00:51 2013

new/usr/src/common/zfs/zfeature\_common.h

Integrated Edon-R hash function.

\*\*\*\*\*

unchanged\_portion\_omitted\_

49 typedef int (zfeature\_func\_t)(zfeature\_info\_t \*fi, void \*arg);

51 #define ZFS\_FEATURE\_DEBUG

53 enum spa\_feature {

54 SPA\_FEATURE\_ASYNC\_DESTROY,

55 SPA\_FEATURE\_EMPTY\_BPOBJ,

56 SPA\_FEATURE\_LZ4\_COMPRESS,

57 SPA\_FEATURE\_EDONR\_CKSUM,

58 SPA\_FEATURES

59 } spa\_feature\_t;

unchanged\_portion\_omitted\_

\*\*\*\*\*

20017 Tue Feb 19 01:00:51 2013

new/usr/src/common/zfs/zfs\_prop.c

Integrated Edon-R hash function.

\*\*\*\*\*

\_\_\_\_\_unchanged\_portion\_omitted\_\_\_\_\_

```

63 void
64 zfs_prop_init(void)
65 {
66     static zprop_index_t checksum_table[] = {
67         { "on",                ZIO_CHECKSUM_ON },
68         { "off",               ZIO_CHECKSUM_OFF },
69         { "fletcher2",         ZIO_CHECKSUM_FLETCHER_2 },
70         { "fletcher4",         ZIO_CHECKSUM_FLETCHER_4 },
71         { "sha256",            ZIO_CHECKSUM_SHA256 },
72         { "edonr512/256",      ZIO_CHECKSUM_EDONR512_256 },
73         { NULL }
74     };
75
76     static zprop_index_t dedup_table[] = {
77         { "on",                ZIO_CHECKSUM_ON },
78         { "off",               ZIO_CHECKSUM_OFF },
79         { "verify",            ZIO_CHECKSUM_ON | ZIO_CHECKSUM_VERIFY },
80         { "sha256",            ZIO_CHECKSUM_SHA256 },
81         { "sha256,verify",     ZIO_CHECKSUM_SHA256 | ZIO_CHECKSUM_VERIFY },
82         { "edonr512/256",      ZIO_CHECKSUM_EDONR512_256 },
83         { "edonr512/256,verify", ZIO_CHECKSUM_EDONR512_256 | ZIO_CHECKSUM_VERIFY },
84         { NULL }
85     };
86
87     };
88
89     static zprop_index_t compress_table[] = {
90         { "on",                ZIO_COMPRESS_ON },
91         { "off",               ZIO_COMPRESS_OFF },
92         { "lzjb",              ZIO_COMPRESS_LZJB },
93         { "gzip",              ZIO_COMPRESS_GZIP_6 }, /* gzip default */
94         { "gzip-1",            ZIO_COMPRESS_GZIP_1 },
95         { "gzip-2",            ZIO_COMPRESS_GZIP_2 },
96         { "gzip-3",            ZIO_COMPRESS_GZIP_3 },
97         { "gzip-4",            ZIO_COMPRESS_GZIP_4 },
98         { "gzip-5",            ZIO_COMPRESS_GZIP_5 },
99         { "gzip-6",            ZIO_COMPRESS_GZIP_6 },
100        { "gzip-7",            ZIO_COMPRESS_GZIP_7 },
101        { "gzip-8",            ZIO_COMPRESS_GZIP_8 },
102        { "gzip-9",            ZIO_COMPRESS_GZIP_9 },
103        { "zle",               ZIO_COMPRESS_ZLE },
104        { "lz4",               ZIO_COMPRESS_LZ4 },
105        { NULL }
106    };
107
108    static zprop_index_t snapdir_table[] = {
109        { "hidden",            ZFS_SNAPDIR_HIDDEN },
110        { "visible",           ZFS_SNAPDIR_VISIBLE },
111        { NULL }
112    };
113
114    static zprop_index_t acl_mode_table[] = {
115        { "discard",           ZFS_ACL_DISCARD },
116        { "groupmask",         ZFS_ACL_GROUPMASK },
117        { "passthrough",       ZFS_ACL_PASSTHROUGH },
118        { "restricted",        ZFS_ACL_RESTRICTED },
119        { NULL }
120    };

```

```

122    static zprop_index_t acl_inherit_table[] = {
123        { "discard",           ZFS_ACL_DISCARD },
124        { "noallow",           ZFS_ACL_NOALLOW },
125        { "restricted",        ZFS_ACL_RESTRICTED },
126        { "passthrough",       ZFS_ACL_PASSTHROUGH },
127        { "secure",            ZFS_ACL_RESTRICTED }, /* bkwrdr compatability */
128        { "passthrough-x",     ZFS_ACL_PASSTHROUGH_X },
129        { NULL }
130    };
131
132    static zprop_index_t case_table[] = {
133        { "sensitive",          ZFS_CASE_SENSITIVE },
134        { "insensitive",        ZFS_CASE_INSENSITIVE },
135        { "mixed",              ZFS_CASE_MIXED },
136        { NULL }
137    };
138
139    static zprop_index_t copies_table[] = {
140        { "1",                  1 },
141        { "2",                  2 },
142        { "3",                  3 },
143        { NULL }
144    };
145
146    /*
147     * Use the unique flags we have to send to u8_strcmp() and/or
148     * u8_textprep() to represent the various normalization property
149     * values.
150     */
151    static zprop_index_t normalize_table[] = {
152        { "none",               0 },
153        { "formD",              U8_TEXTPREP_NFD },
154        { "formKC",             U8_TEXTPREP_NFKC },
155        { "formC",              U8_TEXTPREP_NFC },
156        { "formKD",             U8_TEXTPREP_NFKD },
157        { NULL }
158    };
159
160    static zprop_index_t version_table[] = {
161        { "1",                  1 },
162        { "2",                  2 },
163        { "3",                  3 },
164        { "4",                  4 },
165        { "5",                  5 },
166        { "current",            ZPL_VERSION },
167        { NULL }
168    };
169
170    static zprop_index_t boolean_table[] = {
171        { "off",                0 },
172        { "on",                 1 },
173        { NULL }
174    };
175
176    static zprop_index_t logbias_table[] = {
177        { "latency",            ZFS_LOGBIAS_LATENCY },
178        { "throughput",         ZFS_LOGBIAS_THROUGHPUT },
179        { NULL }
180    };
181
182    static zprop_index_t canmount_table[] = {
183        { "off",                ZFS_CANMOUNT_OFF },
184        { "on",                 ZFS_CANMOUNT_ON },
185        { "noauto",             ZFS_CANMOUNT_NOAUTO },
186        { NULL }
187    };

```

```

189 static zprop_index_t cache_table[] = {
190     { "none",      ZFS_CACHE_NONE },
191     { "metadata",  ZFS_CACHE_METADATA },
192     { "all",       ZFS_CACHE_ALL },
193     { NULL }
194 };

196 static zprop_index_t sync_table[] = {
197     { "standard",  ZFS_SYNC_STANDARD },
198     { "always",    ZFS_SYNC_ALWAYS },
199     { "disabled",  ZFS_SYNC_DISABLED },
200     { NULL }
201 };

203 /* inherit index properties */
204 zprop_register_index(ZFS_PROP_SYNC, "sync", ZFS_SYNC_STANDARD,
205     PROP_INHERIT, ZFS_TYPE_FILESYSTEM | ZFS_TYPE_VOLUME,
206     "standard | always | disabled", "SYNC",
207     sync_table);
208 zprop_register_index(ZFS_PROP_CHECKSUM, "checksum",
209     ZIO_CHECKSUM_DEFAULT, PROP_INHERIT, ZFS_TYPE_FILESYSTEM |
210     ZFS_TYPE_VOLUME,
211     "on | off | Fletcher2 | Fletcher4 | sha256 | edonr512/256",
212     "CHECKSUM", checksum_table);
213 zprop_register_index(ZFS_PROP_DEDUP, "dedup", ZIO_CHECKSUM_OFF,
214     PROP_INHERIT, ZFS_TYPE_FILESYSTEM | ZFS_TYPE_VOLUME,
215     "on | off | verify | sha256[.verify] | edonr512/256[.verify]",
216     "DEDUP", dedup_table);
217 zprop_register_index(ZFS_PROP_COMPRESSION, "compression",
218     ZIO_COMPRESS_DEFAULT, PROP_INHERIT,
219     ZFS_TYPE_FILESYSTEM | ZFS_TYPE_VOLUME,
220     "on | off | lzjb | gzip | gzip-[1-9] | zle | lz4",
221     "COMPRESS", compress_table);
222 zprop_register_index(ZFS_PROP_SNAPDIR, "snapdir", ZFS_SNAPDIR_HIDDEN,
223     PROP_INHERIT, ZFS_TYPE_FILESYSTEM,
224     "hidden | visible", "SNAPDIR", snapdir_table);
225 zprop_register_index(ZFS_PROP_ACLMODE, "aclmode", ZFS_ACL_DISCARD,
226     PROP_INHERIT, ZFS_TYPE_FILESYSTEM,
227     "discard | groupmask | passthrough | restricted", "ACLMODE",
228     acl_mode_table);
229 zprop_register_index(ZFS_PROP_ACLINHERIT, "aclinherit",
230     ZFS_ACL_RESTRICTED, PROP_INHERIT, ZFS_TYPE_FILESYSTEM,
231     "discard | noallow | restricted | passthrough | passthrough-x",
232     "ACLINHERIT", acl_inherit_table);
233 zprop_register_index(ZFS_PROP_COPIES, "copies", 1, PROP_INHERIT,
234     ZFS_TYPE_FILESYSTEM | ZFS_TYPE_VOLUME,
235     "1 | 2 | 3", "COPIES", copies_table);
236 zprop_register_index(ZFS_PROP_PRIMARYCACHE, "primarycache",
237     ZFS_CACHE_ALL, PROP_INHERIT,
238     ZFS_TYPE_FILESYSTEM | ZFS_TYPE_SNAPSHOT | ZFS_TYPE_VOLUME,
239     "all | none | metadata", "PRIMARYCACHE", cache_table);
240 zprop_register_index(ZFS_PROP_SECONDARYCACHE, "secondarycache",
241     ZFS_CACHE_ALL, PROP_INHERIT,
242     ZFS_TYPE_FILESYSTEM | ZFS_TYPE_SNAPSHOT | ZFS_TYPE_VOLUME,
243     "all | none | metadata", "SECONDARYCACHE", cache_table);
244 zprop_register_index(ZFS_PROP_LOGBIAS, "logbias", ZFS_LOGBIAS_LATENCY,
245     PROP_INHERIT, ZFS_TYPE_FILESYSTEM | ZFS_TYPE_VOLUME,
246     "latency | throughput", "LOGBIAS", logbias_table);

248 /* inherit index (boolean) properties */
249 zprop_register_index(ZFS_PROP_ATIME, "atime", 1, PROP_INHERIT,

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250     ZFS_TYPE_FILESYSTEM, "on | off", "ATIME", boolean_table);
251 zprop_register_index(ZFS_PROP_DEVICES, "devices", 1, PROP_INHERIT,
252     ZFS_TYPE_FILESYSTEM | ZFS_TYPE_SNAPSHOT, "on | off", "DEVICES",
253     boolean_table);
254 zprop_register_index(ZFS_PROP_EXEC, "exec", 1, PROP_INHERIT,
255     ZFS_TYPE_FILESYSTEM | ZFS_TYPE_SNAPSHOT, "on | off", "EXEC",
256     boolean_table);
257 zprop_register_index(ZFS_PROP_SETUID, "setuid", 1, PROP_INHERIT,
258     ZFS_TYPE_FILESYSTEM | ZFS_TYPE_SNAPSHOT, "on | off", "SETUID",
259     boolean_table);
260 zprop_register_index(ZFS_PROP_READONLY, "readonly", 0, PROP_INHERIT,
261     ZFS_TYPE_FILESYSTEM | ZFS_TYPE_VOLUME, "on | off", "RDONLY",
262     boolean_table);
263 zprop_register_index(ZFS_PROP_ZONED, "zoned", 0, PROP_INHERIT,
264     ZFS_TYPE_FILESYSTEM, "on | off", "ZONED", boolean_table);
265 zprop_register_index(ZFS_PROP_XATTR, "xattr", 1, PROP_INHERIT,
266     ZFS_TYPE_FILESYSTEM | ZFS_TYPE_SNAPSHOT, "on | off", "XATTR",
267     boolean_table);
268 zprop_register_index(ZFS_PROP_VSCAN, "vscan", 0, PROP_INHERIT,
269     ZFS_TYPE_FILESYSTEM, "on | off", "VSCAN",
270     boolean_table);
271 zprop_register_index(ZFS_PROP_NBMAND, "nbmand", 0, PROP_INHERIT,
272     ZFS_TYPE_FILESYSTEM | ZFS_TYPE_SNAPSHOT, "on | off", "NBMAND",
273     boolean_table);

275 /* default index properties */
276 zprop_register_index(ZFS_PROP_VERSION, "version", 0, PROP_DEFAULT,
277     ZFS_TYPE_FILESYSTEM | ZFS_TYPE_SNAPSHOT,
278     "1 | 2 | 3 | 4 | 5 | current", "VERSION", version_table);
279 zprop_register_index(ZFS_PROP_CANMOUNT, "canmount", ZFS_CANMOUNT_ON,
280     PROP_DEFAULT, ZFS_TYPE_FILESYSTEM, "on | off | noauto",
281     "CANMOUNT", canmount_table);

283 /* readonly index (boolean) properties */
284 zprop_register_index(ZFS_PROP_MOUNTED, "mounted", 0, PROP_READONLY,
285     ZFS_TYPE_FILESYSTEM, "yes | no", "MOUNTED", boolean_table);
286 zprop_register_index(ZFS_PROP_DEFER_DESTROY, "defer_destroy", 0,
287     PROP_READONLY, ZFS_TYPE_SNAPSHOT, "yes | no", "DEFER_DESTROY",
288     boolean_table);

290 /* set once index properties */
291 zprop_register_index(ZFS_PROP_NORMALIZE, "normalization", 0,
292     PROP_ONETIME, ZFS_TYPE_FILESYSTEM | ZFS_TYPE_SNAPSHOT,
293     "none | formC | formD | formKC | formKD", "NORMALIZATION",
294     normalize_table);
295 zprop_register_index(ZFS_PROP_CASE, "casesensitivity",
296     ZFS_CASE_SENSITIVE, PROP_ONETIME, ZFS_TYPE_FILESYSTEM |
297     ZFS_TYPE_SNAPSHOT,
298     "sensitive | insensitive | mixed", "CASE", case_table);

300 /* set once index (boolean) properties */
301 zprop_register_index(ZFS_PROP_UTF8ONLY, "utf8only", 0, PROP_ONETIME,
302     ZFS_TYPE_FILESYSTEM | ZFS_TYPE_SNAPSHOT,
303     "on | off", "UTF8ONLY", boolean_table);

305 /* string properties */
306 zprop_register_string(ZFS_PROP_ORIGIN, "origin", NULL, PROP_READONLY,
307     ZFS_TYPE_FILESYSTEM | ZFS_TYPE_VOLUME, "<snapshot>", "ORIGIN");
308 zprop_register_string(ZFS_PROP_CLONES, "clones", NULL, PROP_READONLY,
309     ZFS_TYPE_SNAPSHOT, "<dataset>[,...]", "CLONES");
310 zprop_register_string(ZFS_PROP_MOUNTPOINT, "mountpoint", "/",
311     PROP_INHERIT, ZFS_TYPE_FILESYSTEM, "<path> | legacy | none",
312     "MOUNTPOINT");
313 zprop_register_string(ZFS_PROP_SHARENFS, "sharenfs", "off",
314     PROP_INHERIT, ZFS_TYPE_FILESYSTEM, "on | off | share(lm) options",
315     "SHARENFS");

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316 zprop_register_string(ZFS_PROP_TYPE, "type", NULL, PROP_READONLY,
317     ZFS_TYPE_DATASET, "filesystem | volume | snapshot", "TYPE");
318 zprop_register_string(ZFS_PROP_SHARESMB, "sharesmb", "off",
319     PROP_INHERIT, ZFS_TYPE_FILESYSTEM,
320     "on | off | sharemgr(1M) options", "SHARESMB");
321 zprop_register_string(ZFS_PROP_MLSLABEL, "mlslabel",
322     ZFS_MLSLABEL_DEFAULT, PROP_INHERIT, ZFS_TYPE_DATASET,
323     "<sensitivity label>", "MLSLABEL");

325 /* readonly number properties */
326 zprop_register_number(ZFS_PROP_USED, "used", 0, PROP_READONLY,
327     ZFS_TYPE_DATASET, "<size>", "USED");
328 zprop_register_number(ZFS_PROP_AVAILABLE, "available", 0, PROP_READONLY,
329     ZFS_TYPE_FILESYSTEM | ZFS_TYPE_VOLUME, "<size>", "AVAIL");
330 zprop_register_number(ZFS_PROP_REFERENCED, "referenced", 0,
331     PROP_READONLY, ZFS_TYPE_DATASET, "<size>", "REFER");
332 zprop_register_number(ZFS_PROP_COMPRESSRATIO, "compressratio", 0,
333     PROP_READONLY, ZFS_TYPE_DATASET,
334     "<1.00x or higher if compressed>", "RATIO");
335 zprop_register_number(ZFS_PROP_REFRATIO, "refcompressratio", 0,
336     PROP_READONLY, ZFS_TYPE_DATASET,
337     "<1.00x or higher if compressed>", "REFRATIO");
338 zprop_register_number(ZFS_PROP_VOLBLOCKSIZE, "volblocksize",
339     ZVOL_DEFAULT_BLOCKSIZE, PROP_ONETIME,
340     ZFS_TYPE_VOLUME, "512 to 128k, power of 2", "VOLBLOCK");
341 zprop_register_number(ZFS_PROP_USEDSNAP, "usedbysnapshots", 0,
342     PROP_READONLY, ZFS_TYPE_FILESYSTEM | ZFS_TYPE_VOLUME, "<size>",
343     "USED SNAP");
344 zprop_register_number(ZFS_PROP_USEDDDS, "usedbydataset", 0,
345     PROP_READONLY, ZFS_TYPE_FILESYSTEM | ZFS_TYPE_VOLUME, "<size>",
346     "USED DDS");
347 zprop_register_number(ZFS_PROP_USEDCHILD, "usedbychildren", 0,
348     PROP_READONLY, ZFS_TYPE_FILESYSTEM | ZFS_TYPE_VOLUME, "<size>",
349     "USED CHILD");
350 zprop_register_number(ZFS_PROP_USEDREFRESERV, "usedbyreservation", 0,
351     PROP_READONLY,
352     ZFS_TYPE_FILESYSTEM | ZFS_TYPE_VOLUME, "<size>", "USEDREFRESERV");
353 zprop_register_number(ZFS_PROP_USERREFS, "userrefs", 0, PROP_READONLY,
354     ZFS_TYPE_SNAPSHOT, "<count>", "USERREFS");
355 zprop_register_number(ZFS_PROP_WRITTEN, "written", 0, PROP_READONLY,
356     ZFS_TYPE_DATASET, "<size>", "WRITTEN");

358 /* default number properties */
359 zprop_register_number(ZFS_PROP_QUOTA, "quota", 0, PROP_DEFAULT,
360     ZFS_TYPE_FILESYSTEM, "<size> | none", "QUOTA");
361 zprop_register_number(ZFS_PROP_RESERVATION, "reservation", 0,
362     PROP_DEFAULT, ZFS_TYPE_FILESYSTEM | ZFS_TYPE_VOLUME,
363     "<size> | none", "RESERV");
364 zprop_register_number(ZFS_PROP_VOLSIZE, "volsize", 0, PROP_DEFAULT,
365     ZFS_TYPE_VOLUME, "<size>", "VOLSIZE");
366 zprop_register_number(ZFS_PROP_REFQUOTA, "refquota", 0, PROP_DEFAULT,
367     ZFS_TYPE_FILESYSTEM, "<size> | none", "REFQUOTA");
368 zprop_register_number(ZFS_PROP_REFRESERVATION, "refreservation", 0,
369     PROP_DEFAULT, ZFS_TYPE_FILESYSTEM | ZFS_TYPE_VOLUME,
370     "<size> | none", "REFRESERV");

372 /* inherit number properties */
373 zprop_register_number(ZFS_PROP_RECORDSIZE, "recordsize",
374     SPA_MAXBLOCKSIZE, PROP_INHERIT,
375     ZFS_TYPE_FILESYSTEM, "512 to 128k, power of 2", "RECSIZE");

377 /* hidden properties */
378 zprop_register_hidden(ZFS_PROP_CREATETXG, "createtxg", PROP_TYPE_NUMBER,
379     PROP_READONLY, ZFS_TYPE_DATASET, "CREATETXG");
380 zprop_register_hidden(ZFS_PROP_NUMCLONES, "numclones", PROP_TYPE_NUMBER,
381     PROP_READONLY, ZFS_TYPE_SNAPSHOT, "NUMCLONES");

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382 zprop_register_hidden(ZFS_PROP_NAME, "name", PROP_TYPE_STRING,
383     PROP_READONLY, ZFS_TYPE_DATASET, "NAME");
384 zprop_register_hidden(ZFS_PROP_ISCSIOPTIONS, "iscsioptions",
385     PROP_TYPE_STRING, PROP_INHERIT, ZFS_TYPE_VOLUME, "ISCSIOPTIONS");
386 zprop_register_hidden(ZFS_PROP_STMF_SHAREINFO, "stmf_sbd_lu",
387     PROP_TYPE_STRING, PROP_INHERIT, ZFS_TYPE_VOLUME,
388     "STMF_SBD_LU");
389 zprop_register_hidden(ZFS_PROP_GUID, "guid", PROP_TYPE_NUMBER,
390     PROP_READONLY, ZFS_TYPE_DATASET, "GUID");
391 zprop_register_hidden(ZFS_PROP_USERACCOUNTING, "useraccounting",
392     PROP_TYPE_NUMBER, PROP_READONLY, ZFS_TYPE_DATASET,
393     "USERACCOUNTING");
394 zprop_register_hidden(ZFS_PROP_UNIQUE, "unique", PROP_TYPE_NUMBER,
395     PROP_READONLY, ZFS_TYPE_DATASET, "UNIQUE");
396 zprop_register_hidden(ZFS_PROP_OBJSETID, "objsetid", PROP_TYPE_NUMBER,
397     PROP_READONLY, ZFS_TYPE_DATASET, "OBJSETID");

399 /* oddball properties */
400 zprop_register_impl(ZFS_PROP_CREATION, "creation", PROP_TYPE_NUMBER, 0,
401     NULL, PROP_READONLY, ZFS_TYPE_DATASET,
402     "<date>", "CREATION", B_FALSE, B_TRUE, NULL);
403 }

```

---

unchanged portion omitted

```

*****
6859 Tue Feb 19 01:00:51 2013
new/usr/src/common/zfs/zpool_prop.c
Temp stuff on salted-hash for DDT.
*****
_____unchanged_portion_omitted_____

51 void
52 zpool_prop_init(void)
53 {
54     static zprop_index_t boolean_table[] = {
55         { "off",      0},
56         { "on",       1},
57         { NULL }
58     };

60     static zprop_index_t failuremode_table[] = {
61         { "wait",     ZIO_FAILURE_MODE_WAIT },
62         { "continue", ZIO_FAILURE_MODE_CONTINUE },
63         { "panic",    ZIO_FAILURE_MODE_PANIC },
64         { NULL }
65     };

67     /* string properties */
68     zprop_register_string(ZPOOL_PROP_ALTRoot, "altroot", NULL, PROP_DEFAULT,
69         ZFS_TYPE_POOL, "<path>", "ALTRoot");
70     zprop_register_string(ZPOOL_PROP_BOOTFS, "bootfs", NULL, PROP_DEFAULT,
71         ZFS_TYPE_POOL, "<filesystem>", "BOOTFS");
72     zprop_register_string(ZPOOL_PROP_CACHEFILE, "cachefile", NULL,
73         PROP_DEFAULT, ZFS_TYPE_POOL, "<file> | none", "CACHEFILE");
74     zprop_register_string(ZPOOL_PROP_COMMENT, "comment", NULL,
75         PROP_DEFAULT, ZFS_TYPE_POOL, "<comment-string>", "COMMENT");

77     /* readonly number properties */
78     zprop_register_number(ZPOOL_PROP_SIZE, "size", 0, PROP_READONLY,
79         ZFS_TYPE_POOL, "<size>", "SIZE");
80     zprop_register_number(ZPOOL_PROP_FREE, "free", 0, PROP_READONLY,
81         ZFS_TYPE_POOL, "<size>", "FREE");
82     zprop_register_number(ZPOOL_PROP_FREEING, "freeing", 0, PROP_READONLY,
83         ZFS_TYPE_POOL, "<size>", "FREEING");
84     zprop_register_number(ZPOOL_PROP_ALLOCATED, "allocated", 0,
85         PROP_READONLY, ZFS_TYPE_POOL, "<size>", "ALLOC");
86     zprop_register_number(ZPOOL_PROP_EXPANDSZ, "expandsize", 0,
87         PROP_READONLY, ZFS_TYPE_POOL, "<size>", "EXPANDSZ");
88     zprop_register_number(ZPOOL_PROP_CAPACITY, "capacity", 0, PROP_READONLY,
89         ZFS_TYPE_POOL, "<size>", "CAP");
90     zprop_register_number(ZPOOL_PROP_GUID, "guid", 0, PROP_READONLY,
91         ZFS_TYPE_POOL, "<guid>", "GUID");
92     zprop_register_number(ZPOOL_PROP_HEALTH, "health", 0, PROP_READONLY,
93         ZFS_TYPE_POOL, "<state>", "HEALTH");
94     zprop_register_number(ZPOOL_PROP_DEDUPRATIO, "dedupratio", 0,
95         PROP_READONLY, ZFS_TYPE_POOL, "<1.00x or higher if deduped>",
96         "DEDUP");

98     /* default number properties */
99     zprop_register_number(ZPOOL_PROP_VERSION, "version", SPA_VERSION,
100         PROP_DEFAULT, ZFS_TYPE_POOL, "<version>", "VERSION");
101     zprop_register_number(ZPOOL_PROP_DEDUPDITTO, "dedupditto", 0,
102         PROP_DEFAULT, ZFS_TYPE_POOL, "<threshold (min 100)>", "DEDUPDITTO");

104     /* default index (boolean) properties */
105     zprop_register_index(ZPOOL_PROP_DELEGATION, "delegation", 1,
106         PROP_DEFAULT, ZFS_TYPE_POOL, "on | off", "DELEGATION",
107         boolean_table);
108     zprop_register_index(ZPOOL_PROP_AUTOREPLACE, "autoreplace", 0,
109         PROP_DEFAULT, ZFS_TYPE_POOL, "on | off", "REPLACE", boolean_table);

```

```

110     zprop_register_index(ZPOOL_PROP_LISTSNAPS, "listsnapshots", 0,
111         PROP_DEFAULT, ZFS_TYPE_POOL, "on | off", "LISTSNAPS",
112         boolean_table);
113     zprop_register_index(ZPOOL_PROP_AUTOEXPAND, "autoexpand", 0,
114         PROP_DEFAULT, ZFS_TYPE_POOL, "on | off", "EXPAND", boolean_table);
115     zprop_register_index(ZPOOL_PROP_READONLY, "readonly", 0,
116         PROP_DEFAULT, ZFS_TYPE_POOL, "on | off", "RDONLY", boolean_table);

118     /* default index properties */
119     zprop_register_index(ZPOOL_PROP_FAILUREMODE, "failmode",
120         ZIO_FAILURE_MODE_WAIT, PROP_DEFAULT, ZFS_TYPE_POOL,
121         "wait | continue | panic", "FAILUREMODE", failuremode_table);

123     /* hidden properties */
124     zprop_register_hidden(ZPOOL_PROP_NAME, "name", PROP_TYPE_STRING,
125         PROP_READONLY, ZFS_TYPE_POOL, "NAME");
126     zprop_register_hidden(ZPOOL_PROP_DDT_SALT, "ddt_salt", PROP_TYPE_STRING,
127         PROP_READONLY, ZFS_TYPE_POOL, "DDT_SALT");
128 }
_____unchanged_portion_omitted_____

```

new/usr/src/grub/grub-0.97/stage2/Makefile.am

1

```
*****
10834 Tue Feb 19 01:00:51 2013
new/usr/src/grub/grub-0.97/stage2/Makefile.am
Integrated Edon-R hash function.
*****
1 # For test target.
2 TESTS = size_test
3 noinst_SCRIPTS = $(TESTS)

5 # For dist target.
6 noinst_HEADERS = apic.h defs.h dir.h disk_inode.h disk_inode_ffs.h \
7 fat.h filesys.h freebsd.h fs.h hercules.h i386-elf.h \
8 imgact_aout.h iso9660.h jfs.h mb_header.h mb_info.h md5.h \
9 nbi.h pc_slice.h serial.h shared.h smp-imps.h term.h \
10 terminfo.h tparm.h nbi.h ufs.h ufs2.h vstafs.h xfs.h graphics.h \
11 fsys_zfs.h
12 EXTRA_DIST = setjmp.S apm.S $(noinst_SCRIPTS)

14 # For <stager1.h>.
15 INCLUDES = -I$(top_srcdir)/stager1

17 # The library for /sbin/grub.
18 noinst_LIBRARIES = libgrub.a
19 libgrub_a_SOURCES = boot.c builtins.c char_io.c cmdline.c common.c \
20 disk_io.c fsys_ext2fs.c fsys_fat.c fsys_ffs.c fsys_iso9660.c \
21 fsys_jfs.c fsys_minix.c fsys_reiserfs.c fsys_ufs.c fsys_ufs2.c \
22 fsys_zfs.c zfs_fletcher.c zfs_lzjb.c zfs_lz4.c zfs_sha256.c \
23 zfs_edonr.c fsys_vstafs.c fsys_xfs.c gunzip.c md5.c serial.c \
24 stage2.c terminfo.c tparm.c graphics.c
25 fsys_vstafs.c fsys_xfs.c gunzip.c md5.c serial.c stage2.c \
26 terminfo.c tparm.c graphics.c
27 libgrub_a_CFLAGS = $(GRUB_CFLAGS) -I$(top_srcdir)/lib \
28 -DGRUB_UTIL=1 -DFSYS_EXT2FS=1 -DFSYS_FAT=1 -DFSYS_FFS=1 \
29 -DFSYS_ISO9660=1 -DFSYS_JFS=1 -DFSYS_MINIX=1 -DFSYS_REISERFS=1 \
30 -DFSYS_UFS=1 -DFSYS_UFS2=1 -DFSYS_ZFS=1 -DFSYS_VSTAFS=1 -DFSYS_XFS=1 \
31 -DUSE_MD5_PASSWORDS=1 -DSUPPORT_SERIAL=1 -DSUPPORT_HERCULES=1

33 # Stage 2 and Stage 1.5's.
34 pkglibdir = $(libdir)/$(PACKAGE)/$(host_cpu)-$(host_vendor)

36 EXTRA_PROGRAMS = nbloader.exec pxeloder.exec diskless.exec

37 if DISKLESS_SUPPORT
38 pkglib_DATA = stage2 stage2_eltorito e2fs_stager1_5 fat_stager1_5 \
39 ffs_stager1_5 iso9660_stager1_5 jfs_stager1_5 minix_stager1_5 \
40 reiserfs_stager1_5 ufs_stager1_5 ufs2_stager1_5 zfs_stager1_5 vstafs_stager1_5
41 xfs_stager1_5 nbgrub pxegrub
42 noinst_DATA = pre_stage2 start start_eltorito nbloader pxeloder diskless
43 noinst_PROGRAMS = pre_stage2.exec start.exec start_eltorito.exec \
44 e2fs_stager1_5.exec fat_stager1_5.exec ffs_stager1_5.exec \
45 iso9660_stager1_5.exec jfs_stager1_5.exec minix_stager1_5.exec \
46 reiserfs_stager1_5.exec ufs_stager1_5.exec ufs2_stager1_5.exec \
47 zfs_stager1_5.exec \
48 vstafs_stager1_5.exec xfs_stager1_5.exec \
49 nbloader.exec pxeloder.exec diskless.exec
50 else
51 pkglib_DATA = stage2 stage2_eltorito e2fs_stager1_5 fat_stager1_5 \
52 ffs_stager1_5 iso9660_stager1_5 jfs_stager1_5 minix_stager1_5 \
53 reiserfs_stager1_5 ufs_stager1_5 ufs2_stager1_5 zfs_stager1_5 vstafs_stager1_5
54 xfs_stager1_5
55 noinst_DATA = pre_stage2 start start_eltorito
56 noinst_PROGRAMS = pre_stage2.exec start.exec start_eltorito.exec \
57 e2fs_stager1_5.exec fat_stager1_5.exec ffs_stager1_5.exec \
58 iso9660_stager1_5.exec jfs_stager1_5.exec minix_stager1_5.exec \
59 reiserfs_stager1_5.exec ufs_stager1_5.exec ufs2_stager1_5.exec \
60 zfs_stager1_5.exec vstafs_stager1_5.exec xfs_stager1_5.exec
```

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2

```
60 endif
61 MOSTLYCLEANFILES = $(noinst_PROGRAMS)

63 PRE_STAGE2_LINK = -nostdlib -Wl,-N -Wl,-Ttext -Wl,8200
64 START_LINK = -nostdlib -Wl,-N -Wl,-Ttext -Wl,8000
65 NBLOADER_LINK = -nostdlib -Wl,-N -Wl,-Ttext -Wl,0
66 PXELOADER_LINK = -nostdlib -Wl,-N -Wl,-Ttext -Wl,7C00
67 START_ELTORITO_LINK = -nostdlib -Wl,-N -Wl,-Ttext -Wl,7C00

69 if NETBOOT_SUPPORT
70 NETBOOT_FLAGS = -I$(top_srcdir)/netboot -DSUPPORT_NETBOOT=1
71 else
72 NETBOOT_FLAGS =
73 endif

75 if SERIAL_SUPPORT
76 SERIAL_FLAGS = -DSUPPORT_SERIAL=1
77 else
78 SERIAL_FLAGS =
79 endif

81 if HERCULES_SUPPORT
82 HERCULES_FLAGS = -DSUPPORT_HERCULES=1
83 else
84 HERCULES_FLAGS =
85 endif

87 if GRAPHICS_SUPPORT
88 GRAPHICS_FLAGS = -DSUPPORT_GRAPHICS=1
89 else
90 GRAPHICS_FLAGS =
91 endif

93 STAGE2_COMPILE = $(STAGE2_CFLAGS) -fno-builtin -nostdinc \
94 $(NETBOOT_FLAGS) $(SERIAL_FLAGS) $(HERCULES_FLAGS) $(GRAPHICS_FLAGS)

96 STAGE1_5_LINK = -nostdlib -Wl,-N -Wl,-Ttext -Wl,2000
97 STAGE1_5_COMPILE = $(STAGE2_COMPILE) -DNO_DECOMPRESSION=1 -DSTAGE1_5=1

99 # For stage2 target.
100 pre_stage2_exec_SOURCES = asm.S bios.c boot.c builtins.c char_io.c \
101 cmdline.c common.c console.c disk_io.c fsys_ext2fs.c \
102 fsys_fat.c fsys_ffs.c fsys_iso9660.c fsys_jfs.c fsys_minix.c \
103 fsys_reiserfs.c fsys_ufs.c fsys_ufs2.c fsys_vstafs.c fsys_xfs.c \
104 fsys_zfs.c zfs_fletcher.c zfs_lzjb.c zfs_lz4.c zfs_sha256.c \
105 zfs_edonr.c gunzip.c hercules.c md5.c serial.c smp-imps.c stage2.c \
106 terminfo.c tparm.c graphics.c
107 gunzip.c hercules.c md5.c serial.c smp-imps.c stage2.c terminfo.c \
108 tparm.c graphics.c
109 pre_stage2_exec_CFLAGS = $(STAGE2_COMPILE) $(FSYS_CFLAGS)
110 pre_stage2_exec_CCASFLAGS = $(STAGE2_COMPILE) $(FSYS_CFLAGS)
111 pre_stage2_exec_LDFLAGS = $(PRE_STAGE2_LINK)

112 if NETBOOT_SUPPORT
113 pre_stage2_exec_LDADD = ../netboot/libdrivers.a
114 endif

115 if DISKLESS_SUPPORT
116 BUILT_SOURCES = stage2_size.h diskless_size.h
117 else
118 BUILT_SOURCES = stage2_size.h
119 endif

121 CLEANFILES = $(pkglib_DATA) $(noinst_DATA) $(BUILT_SOURCES)

123 stage2_size.h: pre_stage2
```

```

124 -rm -f stage2_size.h
125 set dummy `ls -l pre_stage2`; \
126 echo "#define STAGE2_SIZE $$6" > stage2_size.h

128 start_exec_SOURCES = start.S
129 start_exec_CCASFLAGS = $(STAGE2_COMPILE)
130 start_exec_LDFLAGS = $(START_LINK)

132 # XXX: automake doesn't provide a way to specify dependencies for object
133 # files explicitly, so we must write this by a general Makefile scheme.
134 # If automake change the naming scheme for per-executable objects, this
135 # will be broken.
136 start_exec-start.$(OBJEXT): stage2_size.h

138 stage2: pre_stage2 start
139 -rm -f stage2
140 cat start pre_stage2 > stage2

142 start_eltorito_exec_SOURCES = start_eltorito.S
143 start_eltorito_exec_CCASFLAGS = $(STAGE2_COMPILE)
144 start_eltorito_exec_LDFLAGS = $(START_ELTORITO_LINK)

146 start_eltorito_exec-start.$(OBJEXT): stage2_size.h

148 stage2_eltorito: pre_stage2 start_eltorito
149 -rm -f stage2_eltorito
150 cat start_eltorito pre_stage2 > stage2_eltorito

152 # For e2fs_stagel_5 target.
153 e2fs_stagel_5_exec_SOURCES = start.S asm.S common.c char_io.c disk_io.c \
154 stagel_5.c fsys_ext2fs.c bios.c
155 e2fs_stagel_5_exec_CFLAGS = $(STAGE1_5_COMPILE) -DFSYS_EXT2FS=1 \
156 -DNO_BLOCK_FILES=1
157 e2fs_stagel_5_exec_CCASFLAGS = $(STAGE1_5_COMPILE) -DFSYS_EXT2FS=1 \
158 -DNO_BLOCK_FILES=1
159 e2fs_stagel_5_exec_LDFLAGS = $(STAGE1_5_LINK)

161 # For fat_stagel_5 target.
162 fat_stagel_5_exec_SOURCES = start.S asm.S common.c char_io.c disk_io.c \
163 stagel_5.c fsys_fat.c bios.c
164 fat_stagel_5_exec_CFLAGS = $(STAGE1_5_COMPILE) -DFSYS_FAT=1 \
165 -DNO_BLOCK_FILES=1
166 fat_stagel_5_exec_CCASFLAGS = $(STAGE1_5_COMPILE) -DFSYS_FAT=1 \
167 -DNO_BLOCK_FILES=1
168 fat_stagel_5_exec_LDFLAGS = $(STAGE1_5_LINK)

170 # For ffs_stagel_5 target.
171 ffs_stagel_5_exec_SOURCES = start.S asm.S common.c char_io.c disk_io.c \
172 stagel_5.c fsys_ffs.c bios.c
173 ffs_stagel_5_exec_CFLAGS = $(STAGE1_5_COMPILE) -DFSYS_FFS=1 \
174 -DNO_BLOCK_FILES=1
175 ffs_stagel_5_exec_CCASFLAGS = $(STAGE1_5_COMPILE) -DFSYS_FFS=1 \
176 -DNO_BLOCK_FILES=1
177 ffs_stagel_5_exec_LDFLAGS = $(STAGE1_5_LINK)

179 # For ufs_stagel_5 target.
180 ufs_stagel_5_exec_SOURCES = start.S asm.S common.c char_io.c disk_io.c \
181 stagel_5.c fsys_ufs.c bios.c
182 ufs_stagel_5_exec_CFLAGS = $(STAGE1_5_COMPILE) -DFSYS_UFS=1 \
183 -DNO_BLOCK_FILES=1
184 ufs_stagel_5_exec_CCASFLAGS = $(STAGE1_5_COMPILE) -DFSYS_UFS=1 \
185 -DNO_BLOCK_FILES=1
186 ufs_stagel_5_exec_LDFLAGS = $(STAGE1_5_LINK)

188 # For ufs2_stagel_5 target.
189 ufs2_stagel_5_exec_SOURCES = start.S asm.S common.c char_io.c disk_io.c \

```

```

190 stagel_5.c fsys_ufs2.c bios.c
191 ufs2_stagel_5_exec_CFLAGS = $(STAGE1_5_COMPILE) -DFSYS_UFS2=1 \
192 -DNO_BLOCK_FILES=1
193 ufs2_stagel_5_exec_CCASFLAGS = $(STAGE1_5_COMPILE) -DFSYS_UFS2=1 \
194 -DNO_BLOCK_FILES=1
195 ufs2_stagel_5_exec_LDFLAGS = $(STAGE1_5_LINK)

197 # For zfs_stagel_5 target.
198 zfs_stagel_5_exec_SOURCES = start.S asm.S common.c char_io.c disk_io.c \
199 stagel_5.c fsys_zfs.c zfs_fletcher.c zfs_lzjb.c zfs_lz4.c \
200 zfs_sha256.c zfs_edonr.c bios.c
201 zfs_stagel_5_exec_CFLAGS = $(STAGE1_5_COMPILE) -DFSYS_ZFS=1 \
202 -DNO_BLOCK_FILES=1
203 zfs_stagel_5_exec_CCASFLAGS = $(STAGE1_5_COMPILE) -DFSYS_ZFS=1 \
204 -DNO_BLOCK_FILES=1
205 zfs_stagel_5_exec_LDFLAGS = $(STAGE1_5_LINK)

207 # For minix_stagel_5 target.
208 minix_stagel_5_exec_SOURCES = start.S asm.S common.c char_io.c disk_io.c \
209 stagel_5.c fsys_minix.c bios.c
210 minix_stagel_5_exec_CFLAGS = $(STAGE1_5_COMPILE) -DFSYS_MINIX=1 \
211 -DNO_BLOCK_FILES=1
212 minix_stagel_5_exec_CCASFLAGS = $(STAGE1_5_COMPILE) -DFSYS_MINIX=1 \
213 -DNO_BLOCK_FILES=1
214 minix_stagel_5_exec_LDFLAGS = $(STAGE1_5_LINK)

216 # For reiserfs_stagel_5 target.
217 reiserfs_stagel_5_exec_SOURCES = start.S asm.S common.c char_io.c \
218 disk_io.c stagel_5.c fsys_reiserfs.c bios.c
219 reiserfs_stagel_5_exec_CFLAGS = $(STAGE1_5_COMPILE) -DFSYS_REISERFS=1 \
220 -DNO_BLOCK_FILES=1
221 reiserfs_stagel_5_exec_CCASFLAGS = $(STAGE1_5_COMPILE) -DFSYS_REISERFS=1 \
222 -DNO_BLOCK_FILES=1
223 reiserfs_stagel_5_exec_LDFLAGS = $(STAGE1_5_LINK)

225 # For vstafs_stagel_5 target.
226 vstafs_stagel_5_exec_SOURCES = start.S asm.S common.c char_io.c \
227 disk_io.c stagel_5.c fsys_vstafs.c bios.c
228 vstafs_stagel_5_exec_CFLAGS = $(STAGE1_5_COMPILE) -DFSYS_VSTAFS=1 \
229 -DNO_BLOCK_FILES=1
230 vstafs_stagel_5_exec_CCASFLAGS = $(STAGE1_5_COMPILE) -DFSYS_VSTAFS=1 \
231 -DNO_BLOCK_FILES=1
232 vstafs_stagel_5_exec_LDFLAGS = $(STAGE1_5_LINK)

234 # For jfs_stagel_5 target.
235 jfs_stagel_5_exec_SOURCES = start.S asm.S common.c char_io.c \
236 disk_io.c stagel_5.c fsys_jfs.c bios.c
237 jfs_stagel_5_exec_CFLAGS = $(STAGE1_5_COMPILE) -DFSYS_JFS=1 \
238 -DNO_BLOCK_FILES=1
239 jfs_stagel_5_exec_CCASFLAGS = $(STAGE1_5_COMPILE) -DFSYS_JFS=1 \
240 -DNO_BLOCK_FILES=1
241 jfs_stagel_5_exec_LDFLAGS = $(STAGE1_5_LINK)

243 # For xfs_stagel_5 target.
244 xfs_stagel_5_exec_SOURCES = start.S asm.S common.c char_io.c \
245 disk_io.c stagel_5.c fsys_xfs.c bios.c
246 xfs_stagel_5_exec_CFLAGS = $(STAGE1_5_COMPILE) -DFSYS_XFS=1 \
247 -DNO_BLOCK_FILES=1
248 xfs_stagel_5_exec_CCASFLAGS = $(STAGE1_5_COMPILE) -DFSYS_XFS=1 \
249 -DNO_BLOCK_FILES=1
250 xfs_stagel_5_exec_LDFLAGS = $(STAGE1_5_LINK)

252 # For iso9660_stagel_5 target.
253 iso9660_stagel_5_exec_SOURCES = start_eltorito.S asm.S common.c char_io.c \
254 disk_io.c stagel_5.c fsys_iso9660.c bios.c

```



```
255 iso9660_stage1_5_exec_CFLAGS = $(STAGE1_5_COMPILE) -DFSYS_ISO9660=1 \  
256     -DNO_BLOCK_FILES=1  
257 iso9660_stage1_5_exec_CCASFLAGS = $(STAGE1_5_COMPILE) -DFSYS_ISO9660=1 \  
258     -DNO_BLOCK_FILES=1  
259 iso9660_stage1_5_exec_LDFLAGS = $(STAGE1_5_LINK)  
  
261 # For diskless target.  
262 diskless_exec_SOURCES = $(pre_stage2_exec_SOURCES)  
263 diskless_exec_CFLAGS = $(STAGE2_COMPILE) $(FSYS_CFLAGS) \  
264     -DSUPPORT_DISKLESS=1  
265 diskless_exec_CCASFLAGS = $(STAGE2_COMPILE) $(FSYS_CFLAGS) \  
266     -DSUPPORT_DISKLESS=1  
267 diskless_exec_LDFLAGS = $(PRE_STAGE2_LINK)  
268 diskless_exec_LDADD = ../netboot/libdrivers.a  
  
270 diskless_size.h: diskless  
271     -rm -f $@  
272     set dummy `ls -l $^`; \  
273     echo "#define DISKLESS_SIZE $$6" > $@  
  
275 # For nbloader target.  
276 nbloader_exec_SOURCES = nbloader.S  
277 nbloader_exec_CCASFLAGS = $(STAGE2_COMPILE)  
278 nbloader_exec_LDFLAGS = $(NBLOADER_LINK)  
  
280 # XXX: See the comment for start_exec-start.o.  
281 nbloader_exec-nbloader.$(OBJEXT): diskless_size.h  
  
283 # For nbgrub target.  
284 nbgrub: nbloader diskless  
285     -rm -f $@  
286     cat $^ > $@  
  
288 # For pxeloder target.  
289 pxeloder_exec_SOURCES = pxeloder.S  
290 pxeloder_exec_CCASFLAGS = $(STAGE2_COMPILE)  
291 pxeloder_exec_LDFLAGS = $(PXELoader_LINK)  
  
293 # XXX: See the comment for start_exec-start.o.  
294 pxeloder_exec-pxeloder.$(OBJEXT): diskless_size.h  
  
296 # For pxegrub target.  
297 pxegrub: pxeloder diskless  
298     -rm -f $@  
299     cat $^ > $@  
  
301 # General rule for making a raw binary.  
302 SUFFIXES = .exec  
303 .exec:  
304     $(OBJCOPY) -O binary $< $@
```

new/usr/src/grub/grub-0.97/stage2/Makefile.solaris

1

\*\*\*\*\*

27249 Tue Feb 19 01:00:51 2013

new/usr/src/grub/grub-0.97/stage2/Makefile.solaris

Integrated Edon-R hash function.

\*\*\*\*\*

```
1 #
2 # Copyright 2005 Sun Microsystems, Inc. All rights reserved.
3 # Use is subject to license terms.
4 # Copyright (c) 2013 by Saso Kiselkov. All rights reserved.
5 #
6 include ../../Makefile.grub
7 include ../Makefile.solaris.defs
8
9 .SUFFIXES:
10 .SUFFIXES: .exec $(SUFFIXES)
11
12 .exec:
13     $(OBJCOPY) -O binary $< $@
14
15
16 INCLUDES      = -I. -I.. -I../stage1 -I../netboot
17 LIBS          =
18
19 FSYS_CFLAGS   = -DFSYS_EXT2FS=1 -DFSYS_FAT=1 -DFSYS_FFS=1 -DFSYS_UFS=1 \
20               -DFSYS_ZFS=1 \
21               -DFSYS_UFS2=1 -DFSYS_REISERFS=1 -DFSYS_ISO9660=1 \
22               -DUSE_MD5_PASSWORDS=1
23 $(STAGE2_NETBOOT)TFTP_CFLAGS = -DFSYS_TFTP=1
24 $(OPTION_FS)FSYS_CFLAGS += -DFSYS_MINIX=1 -DFSYS_JFS=1 -DFSYS_XFS=1 \
25               -DSYS_VSTAFS=1
26
27 GRAPHICS_CFLAGS = -DSUPPORT_GRAPHICS=1
28 # HERCULES_CFLAGS = -DSUPPORT_HERCULES=1
29 NETBOOT_CFLAGS = -DSUPPORT_NETBOOT=1
30 SERIAL_CFLAGS = -DSUPPORT_SERIAL=1
31 GRUB_CFLAGS    = -O2 -I../lib -DGRUB_UTIL=1 \
32               -DFSYS_EXT2FS=1 -DFSYS_FAT=1 -DFSYS_FFS=1 -DFSYS_ISO9660=1 \
33               -DFSYS_ZFS=1 \
34               -DFSYS_REISERFS=1 -DFSYS_UFS=1 -DFSYS_UFS2=1 \
35               -DUSE_MD5_PASSWORDS=1 -DSUPPORT_SERIAL=1
36 $(OPTION_FS)GRUB_CFLAGS += -DFSYS_MINIX=1 -DFSYS_JFS=1 -DFSYS_XFS=1 \
37               -DSYS_VSTAFS=1
38 # GRUB_CFLAGS += -DSUPPORT_HERCULES=1
39 STAGE1_5_CFLAGS = $(STAGE2_CFLAGS) -DNO_DECOMPRESSION=1 -DSTAGE1_5=1
40 STAGE2_CFLAGS   = -Os -fno-builtin -nostdinc \
41               $(SERIAL_CFLAGS) $(GRAPHICS_CFLAGS)
42 $(STAGE2_NETBOOT)STAGE2_CFLAGS += $(NETBOOT_CFLAGS)
43 #STAGE2_CFLAGS += $(HERCULES_CFLAGS)
44
45 NBLOADER_LINK = -nostdlib -N -Ttext 0
46 PRE_STAGE2_LINK = -nostdlib -N -Ttext 8200
47 PXELOADER_LINK = -nostdlib -N -Ttext 7C00
48 STAGE1_5_LINK = -nostdlib -N -Ttext 2000
49 START_ELTORITO_LINK = -nostdlib -N -Ttext 7C00
50 START_LINK = -nostdlib -N -Ttext 8000
51
52 LIBDRIVERS     = ../netboot/libdrivers.a
53
54
55 BUILT_SOURCES  = stage2_size.h
56 BUILT_SOURCES += diskless_size.h
57
58
59 LIBRARIES      = $(LIBGRUB)
60
61 LIBGRUB        = libgrub.a
```

new/usr/src/grub/grub-0.97/stage2/Makefile.solaris

2

```
62 LIBGRUB_OBJS  = libgrub_a-boot.o \
63               libgrub_a-builtins.o \
64               libgrub_a-char_io.o \
65               libgrub_a-cmdline.o \
66               libgrub_a-common.o \
67               libgrub_a-disk_io.o \
68               libgrub_a-fsys_ext2fs.o \
69               libgrub_a-fsys_fat.o \
70               libgrub_a-fsys_ffs.o \
71               libgrub_a-fsys_iso9660.o \
72               libgrub_a-fsys_jfs.o \
73               libgrub_a-fsys_minix.o \
74               libgrub_a-fsys_reiserfs.o \
75               libgrub_a-zfs_sha256.o \
76               libgrub_a-zfs_edonr.o \
77               libgrub_a-zfs_lzjb.o \
78               libgrub_a-zfs_lz4.o \
79               libgrub_a-zfs_fletcher.o \
80               libgrub_a-fsys_zfs.o \
81               libgrub_a-fsys_ufs.o \
82               libgrub_a-fsys_ufs2.o \
83               libgrub_a-fsys_vstafs.o \
84               libgrub_a-fsys_xfs.o \
85               libgrub_a-graphics.o \
86               libgrub_a-gunzip.o \
87               libgrub_a-md5.o \
88               libgrub_a-serial.o \
89               libgrub_a-stage2.o \
90               libgrub_a-terminfo.o \
91               libgrub_a-tparm.o
92 $(LIBGRUB_OBJS) := CFLAGS = $(BASE_CFLAGS) $(GRUB_CFLAGS)
93
94 # Will be installed in $(ROOT_BOOT_GRUB).
95 INSTALL_DATA  = $(E2FS_STAGE1_5_DATA) \
96               $(FAT_STAGE1_5_DATA) \
97               $(FFS_STAGE1_5_DATA) \
98               $(ISO9660_STAGE1_5_DATA) \
99               $(JFS_STAGE1_5_DATA) \
100              $(MINIX_STAGE1_5_DATA) \
101              $(NBGRUB_DATA) \
102              $(PXEGRUB_DATA) \
103              $(REISERFS_STAGE1_5_DATA) \
104              $(STAGE2_DATA) \
105              $(STAGE2_ELTORITO_DATA) \
106              $(UFS2_STAGE1_5_DATA) \
107              $(UFS_STAGE1_5_DATA) \
108              $(ZFS_STAGE1_5_DATA) \
109              $(VSTAFS_STAGE1_5_DATA) \
110              $(XFS_STAGE1_5_DATA)
111
112 # Won't be installed.
113 NOINSTALL_DATA = $(DISKLESS_DATA) \
114                 $(NBLOADER_DATA) \
115                 $(PRE_STAGE2_DATA) \
116                 $(PXELOADER_DATA) \
117                 $(START_DATA) \
118                 $(START_ELTORITO_DATA)
119
120
121 DATA          = $(INSTALL_DATA) $(NOINSTALL_DATA)
122
123
124 PROGRAMS      = $(DISKLESS_EXEC) \
125               $(E2FS_STAGE1_5_EXEC) \
126               $(FAT_STAGE1_5_EXEC) \
127               $(FFS_STAGE1_5_EXEC)
```

```

128 $(ISO9660_STAGE1_5_EXEC)  \
129 $(JFS_STAGE1_5_EXEC)      \
130 $(MINIX_STAGE1_5_EXEC)    \
131 $(NBLOADER_EXEC)          \
132 $(PRE_STAGE2_EXEC)        \
133 $(PXELoader_EXEC)         \
134 $(REISERFS_STAGE1_5_EXEC) \
135 $(START_EXEC)             \
136 $(START_ELTORITO_EXEC)    \
137 $(UFS2_STAGE1_5_EXEC)     \
138 $(UFS_STAGE1_5_EXEC)      \
139 $(ZFS_STAGE1_5_EXEC)      \
140 $(VSTAFS_STAGE1_5_EXEC)   \
141 $(XFS_STAGE1_5_EXEC)      \

144 #
145 # diskless
146 #
147 DISKLESS_DATA      = diskless
148 DISKLESS_EXEC       = diskless_exec
149 DISKLESS_ASMOBJS    = diskless_exec-asm.o

151 DISKLESS_OBJS      = diskless_exec-bios.o \
152                    diskless_exec-boot.o \
153                    diskless_exec-builtins.o \
154                    diskless_exec-char_io.o \
155                    diskless_exec-cmdline.o \
156                    diskless_exec-common.o \
157                    diskless_exec-console.o \
158                    diskless_exec-disk_io.o \
159                    diskless_exec-fsys_ext2fs.o \
160                    diskless_exec-fsys_fat.o \
161                    diskless_exec-fsys_ffs.o \
162                    diskless_exec-fsys_iso9660.o \
163                    diskless_exec-fsys_jfs.o \
164                    diskless_exec-fsys_minix.o \
165                    diskless_exec-fsys_reiserfs.o \
166                    diskless_exec-zfs_sha256.o \
167                    diskless_exec-zfs_edonr.o \
168                    diskless_exec-zfs_lzjb.o \
169                    diskless_exec-zfs_lz4.o \
170                    diskless_exec-zfs_fletcher.o \
171                    diskless_exec-fsys_zfs.o \
172                    diskless_exec-fsys_ufs.o \
173                    diskless_exec-fsys_ufs2.o \
174                    diskless_exec-fsys_vstafs.o \
175                    diskless_exec-fsys_xfs.o \
176                    diskless_exec-graphics.o \
177                    diskless_exec-gunzip.o \
178                    diskless_exec-hercules.o \
179                    diskless_exec-md5.o \
180                    diskless_exec-serial.o \
181                    diskless_exec-smpimps.o \
182                    diskless_exec-stage2.o \
183                    diskless_exec-terminfo.o \
184                    diskless_exec-tparm.o

186 $(DISKLESS_EXEC)      := LDFLAGS = $(BASE_LDFLAGS) $(PRE_STAGE2_LINK)
187 $(DISKLESS_EXEC)      := LIBS = $(LIBDRIVERS)

189 $(DISKLESS_ASMOBJS)   := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE2_CFLAGS) \
190                        $(FSYS_CFLAGS) -DFSYS_TFTP=1 \
191                        -DSUPPORT_DISKLESS=1

193 $(DISKLESS_OBJS)      := CFLAGS = $(BASE_CFLAGS) $(STAGE2_CFLAGS) \

```

```

194 $(FSYS_CFLAGS) -DFSYS_TFTP=1 \
195 -DSUPPORT_DISKLESS=1

197 #
198 # ext2fs stage 1.5
199 #
200 E2FS_STAGE1_5_DATA     = e2fs_stagel_5
201 E2FS_STAGE1_5_EXEC     = e2fs_stagel_5_exec

203 E2FS_STAGE1_5_ASMOBJS = e2fs_stagel_5_exec-asm.o \
204                        e2fs_stagel_5_exec-start.o

206 E2FS_STAGE1_5_OBJS     = e2fs_stagel_5_exec-bios.o \
207                        e2fs_stagel_5_exec-char_io.o \
208                        e2fs_stagel_5_exec-common.o \
209                        e2fs_stagel_5_exec-disk_io.o \
210                        e2fs_stagel_5_exec-fsys_ext2fs.o \
211                        e2fs_stagel_5_exec-stagel_5.o

213 $(E2FS_STAGE1_5_EXEC) := LDFLAGS = $(BASE_LDFLAGS) $(STAGE1_5_LINK)

215 $(E2FS_STAGE1_5_ASMOBJS) := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE1_5_CFLAGS) \
216                                -DFSYS_EXT2FS=1 -DNO_BLOCK_FILES=1

218 $(E2FS_STAGE1_5_OBJS)   := CFLAGS = $(BASE_CFLAGS) $(STAGE1_5_CFLAGS) \
219                                -DFSYS_EXT2FS=1 -DNO_BLOCK_FILES=1

221 #
222 # FAT stage 1.5
223 #
224 FAT_STAGE1_5_DATA       = fat_stagel_5
225 FAT_STAGE1_5_EXEC       = fat_stagel_5_exec

227 FAT_STAGE1_5_ASMOBJS   = fat_stagel_5_exec-asm.o \
228                        fat_stagel_5_exec-start.o

230 FAT_STAGE1_5_OBJS      = fat_stagel_5_exec-bios.o \
231                        fat_stagel_5_exec-char_io.o \
232                        fat_stagel_5_exec-common.o \
233                        fat_stagel_5_exec-disk_io.o \
234                        fat_stagel_5_exec-fsys_fat.o \
235                        fat_stagel_5_exec-stagel_5.o

237 $(FAT_STAGE1_5_EXEC)   := LDFLAGS = $(BASE_LDFLAGS) $(STAGE1_5_LINK)

239 $(FAT_STAGE1_5_ASMOBJS) := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE1_5_CFLAGS) \
240                                -DFSYS_FAT=1 -DNO_BLOCK_FILES=1

242 $(FAT_STAGE1_5_OBJS)   := CFLAGS = $(BASE_CFLAGS) $(STAGE1_5_CFLAGS) \
243                                -DFSYS_FAT=1 -DNO_BLOCK_FILES=1

245 #
246 # FFS stage 1.5
247 #
248 FFS_STAGE1_5_DATA       = ffs_stagel_5
249 FFS_STAGE1_5_EXEC       = ffs_stagel_5_exec

251 FFS_STAGE1_5_ASMOBJS   = ffs_stagel_5_exec-asm.o \
252                        ffs_stagel_5_exec-start.o

254 FFS_STAGE1_5_OBJS      = ffs_stagel_5_exec-bios.o \
255                        ffs_stagel_5_exec-char_io.o \
256                        ffs_stagel_5_exec-common.o \
257                        ffs_stagel_5_exec-disk_io.o \
258                        ffs_stagel_5_exec-fsys_ffs.o \
259                        ffs_stagel_5_exec-stagel_5.o

```

```

261 $(FFS_STAGE1_5_EXEC) := LDFLAGS = $(BASE_LDFLAGS) $(STAGE1_5_LINK)
263 $(FFS_STAGE1_5_ASMOBS) := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE1_5_CFLAGS) \
264 -DFSYS_FFS=1 -DNO_BLOCK_FILES=1
266 $(FFS_STAGE1_5_OBJS) := CFLAGS = $(BASE_CFLAGS) $(STAGE1_5_CFLAGS) \
267 -DFSYS_FFS=1 -DNO_BLOCK_FILES=1
269 #
270 # ISO9660 stage 1.5
271 #
272 ISO9660_STAGE1_5_DATA = iso9660_stagel_5
273 ISO9660_STAGE1_5_EXEC = iso9660_stagel_5.exec
275 ISO9660_STAGE1_5_ASMOBS = iso9660_stagel_5_exec-asm.o \
276 iso9660_stagel_5_exec-start_eltorito.o
278 ISO9660_STAGE1_5_OBJS = iso9660_stagel_5_exec-bios.o \
279 iso9660_stagel_5_exec-char_io.o \
280 iso9660_stagel_5_exec-common.o \
281 iso9660_stagel_5_exec-disk_io.o \
282 iso9660_stagel_5_exec-fsys_iso9660.o \
283 iso9660_stagel_5_exec-stagel_5.o
285 $(ISO9660_STAGE1_5_EXEC) := LDFLAGS = $(BASE_LDFLAGS) $(STAGE1_5_LINK)
287 $(ISO9660_STAGE1_5_ASMOBS) := CCASFLAGS = $(BASE_CCASFLAGS) \
288 $(STAGE1_5_CFLAGS) \
289 -DFSYS_ISO9660=1 -DNO_BLOCK_FILES=1
291 $(ISO9660_STAGE1_5_OBJS) := CFLAGS = $(BASE_CFLAGS) $(STAGE1_5_CFLAGS) \
292 -DFSYS_ISO9660=1 -DNO_BLOCK_FILES=1
294 #
295 # IBM JFS stage 1.5
296 #
297 JFS_STAGE1_5_DATA = jfs_stagel_5
298 JFS_STAGE1_5_EXEC = jfs_stagel_5.exec
300 JFS_STAGE1_5_ASMOBS = jfs_stagel_5_exec-asm.o \
301 jfs_stagel_5_exec-start.o
303 JFS_STAGE1_5_OBJS = jfs_stagel_5_exec-bios.o \
304 jfs_stagel_5_exec-char_io.o \
305 jfs_stagel_5_exec-common.o \
306 jfs_stagel_5_exec-disk_io.o \
307 jfs_stagel_5_exec-fsys_jfs.o \
308 jfs_stagel_5_exec-stagel_5.o
310 $(JFS_STAGE1_5_EXEC) := LDFLAGS = $(BASE_LDFLAGS) $(STAGE1_5_LINK)
312 $(JFS_STAGE1_5_ASMOBS) := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE1_5_CFLAGS) \
313 -DFSYS_JFS=1 -DNO_BLOCK_FILES=1
315 $(JFS_STAGE1_5_OBJS) := CFLAGS = $(BASE_CFLAGS) $(STAGE1_5_CFLAGS) \
316 -DFSYS_JFS=1 -DNO_BLOCK_FILES=1
318 #
319 # Minix fs stage 1.5
320 #
321 MINIX_STAGE1_5_DATA = minix_stagel_5
322 MINIX_STAGE1_5_EXEC = minix_stagel_5.exec
324 MINIX_STAGE1_5_ASMOBS = minix_stagel_5_exec-asm.o \
325 minix_stagel_5_exec-start.o

```

```

327 MINIX_STAGE1_5_OBJS = minix_stagel_5_exec-bios.o \
328 minix_stagel_5_exec-char_io.o \
329 minix_stagel_5_exec-common.o \
330 minix_stagel_5_exec-disk_io.o \
331 minix_stagel_5_exec-fsys_minix.o \
332 minix_stagel_5_exec-stagel_5.o
334 $(MINIX_STAGE1_5_EXEC) := LDFLAGS = $(BASE_LDFLAGS) $(STAGE1_5_LINK)
336 $(MINIX_STAGE1_5_ASMOBS) := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE1_5_CFLAGS) \
337 -DFSYS_MINIX=1 -DNO_BLOCK_FILES=1
339 $(MINIX_STAGE1_5_OBJS) := CFLAGS = $(BASE_CFLAGS) $(STAGE1_5_CFLAGS) \
340 -DFSYS_MINIX=1 -DNO_BLOCK_FILES=1
342 #
343 # nbgrub
344 #
345 NBGRUB_DATA = nbgrub
347 #
348 # nbloader
349 #
350 NBLOADER_DATA = nbloader
351 NBLOADER_EXEC = nbloader.exec
352 NBLOADER_ASMOBS = nbloader_exec-nbloader.o
353 NBLOADER_OBJS =
354 $(NBLOADER_EXEC) := LDFLAGS = $(BASE_LDFLAGS) $(NBLOADER_LINK)
355 $(NBLOADER_ASMOBS) := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE2_CFLAGS)
357 #
358 # Pre-stage2
359 #
360 PRE_STAGE2_DATA = pre_stage2
361 PRE_STAGE2_EXEC = pre_stage2.exec
362 PRE_STAGE2_ASMOBS = pre_stage2_exec-asm.o
364 PRE_STAGE2_OBJS = pre_stage2_exec-bios.o \
365 pre_stage2_exec-boot.o \
366 pre_stage2_exec-builtins.o \
367 pre_stage2_exec-char_io.o \
368 pre_stage2_exec-cmdline.o \
369 pre_stage2_exec-common.o \
370 pre_stage2_exec-console.o \
371 pre_stage2_exec-disk_io.o \
372 pre_stage2_exec-fsys_ext2fs.o \
373 pre_stage2_exec-fsys_fat.o \
374 pre_stage2_exec-fsys_ffs.o \
375 pre_stage2_exec-fsys_iso9660.o \
376 pre_stage2_exec-fsys_jfs.o \
377 pre_stage2_exec-fsys_minix.o \
378 pre_stage2_exec-fsys_reiserfs.o \
379 pre_stage2_exec-zfs_sha256.o \
380 pre_stage2_exec-zfs_edonr.o \
381 pre_stage2_exec-zfs_lzjb.o \
382 pre_stage2_exec-zfs_lz4.o \
383 pre_stage2_exec-zfs_fletcher.o \
384 pre_stage2_exec-fsys_zfs.o \
385 pre_stage2_exec-fsys_ufs.o \
386 pre_stage2_exec-fsys_ufs2.o \
387 pre_stage2_exec-fsys_vstafs.o \
388 pre_stage2_exec-fsys_xfs.o \
389 pre_stage2_exec-graphics.o \
390 pre_stage2_exec-gunzip.o \
391 pre_stage2_exec-hercules.o \

```

```

392         pre_stage2_exec-md5.o \
393         pre_stage2_exec-serial.o \
394         pre_stage2_exec-smp-imps.o \
395         pre_stage2_exec-stage2.o \
396         pre_stage2_exec-terminfo.o \
397         pre_stage2_exec-tparm.o

399 $(PRE_STAGE2_EXEC) := LDFLAGS = $(BASE_LDFLAGS) $(PRE_STAGE2_LINK)
400 $(STAGE2_NETBOOT)$(PRE_STAGE2_EXEC) := LIBS = $(LIBDRIVERS)

402 $(PRE_STAGE2_ASMOBS) := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE2_CFLAGS) \
403         $(FSYS_CFLAGS) $(TFTP_CFLAGS)

405 $(PRE_STAGE2_OBJS) := CFLAGS = $(BASE_CFLAGS) $(STAGE2_CFLAGS) \
406         $(FSYS_CFLAGS) $(TFTP_CFLAGS)

408 #
409 # pxegrub
410 #
411 PXEGRUB_DATA = pxegrub

413 #
414 # pxeloder
415 #
416 PXELOADER_DATA = pxeloder
417 PXELOADER_EXEC = pxeloder.exec
418 PXELOADER_ASMOBS = pxeloder_exec-pxeloder.o
419 PXELOADER_OBJS =
420 $(PXELOADER_EXEC) := LDFLAGS = $(BASE_LDFLAGS) $(PXELOADER_LINK)
421 $(PXELOADER_ASMOBS) := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE2_CFLAGS)

423 #
424 # ReiserFS stage 1.5
425 #
426 REISERFS_STAGE1_5_DATA = reiserfs_stagel_5
427 REISERFS_STAGE1_5_EXEC = reiserfs_stagel_5.exec

429 REISERFS_STAGE1_5_ASMOBS = reiserfs_stagel_5_exec-asm.o \
430         reiserfs_stagel_5_exec-start.o

432 REISERFS_STAGE1_5_OBJS = reiserfs_stagel_5_exec-bios.o \
433         reiserfs_stagel_5_exec-char_io.o \
434         reiserfs_stagel_5_exec-common.o \
435         reiserfs_stagel_5_exec-disk_io.o \
436         reiserfs_stagel_5_exec-fsys_reiserfs.o \
437         reiserfs_stagel_5_exec-stagel_5.o
438
439 $(REISERFS_STAGE1_5_EXEC) := LDFLAGS = $(BASE_LDFLAGS) $(STAGE1_5_LINK)
440
441 $(REISERFS_STAGE1_5_ASMOBS) := CCASFLAGS = $(BASE_CCASFLAGS) \
442         $(STAGE1_5_CFLAGS) \
443         -DFSYS_REISERFS=1 -DNO_BLOCK_FILES=1
444
445 $(REISERFS_STAGE1_5_OBJS) := CFLAGS = $(BASE_CFLAGS) $(STAGE1_5_CFLAGS) \
446         -DFSYS_REISERFS=1 -DNO_BLOCK_FILES=1

448 #
449 # stage2
450 #
451 STAGE2_DATA = stage2

453 #
454 # Eltorito stage2
455 #
456 STAGE2_ELTORITO_DATA = stage2_eltorito

```

```

458 #
459 # start
460 #
461 START_DATA = start
462 START_EXEC = start.exec
463 START_ASMOBS = start_exec-start.o
464 START_OBJS =
465 $(START_EXEC) := LDFLAGS = $(BASE_LDFLAGS) $(START_LINK)
466 $(START_ASMOBS) := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE2_CFLAGS)

468 #
469 # Eltorito start
470 #
471 START_ELTORITO_DATA = start_eltorito
472 START_ELTORITO_EXEC = start_eltorito.exec
473 START_ELTORITO_ASMOBS = start_eltorito_exec-start_eltorito.o
474 START_ELTORITO_OBJS =
475 $(START_ELTORITO_EXEC) := LDFLAGS = $(BASE_LDFLAGS) $(START_ELTORITO_LINK)
476 $(START_ELTORITO_ASMOBS) := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE2_CFLAGS)

478 #
479 # UFS2 stage 1.5
480 #
481 UFS2_STAGE1_5_DATA = ufs2_stagel_5
482 UFS2_STAGE1_5_EXEC = ufs2_stagel_5.exec

484 UFS2_STAGE1_5_ASMOBS = ufs2_stagel_5_exec-asm.o \
485         ufs2_stagel_5_exec-start.o

487 UFS2_STAGE1_5_OBJS = ufs2_stagel_5_exec-bios.o \
488         ufs2_stagel_5_exec-char_io.o \
489         ufs2_stagel_5_exec-common.o \
490         ufs2_stagel_5_exec-disk_io.o \
491         ufs2_stagel_5_exec-fsys_ufs2.o \
492         ufs2_stagel_5_exec-stagel_5.o

494 $(UFS2_STAGE1_5_EXEC) := LDFLAGS = $(BASE_LDFLAGS) $(STAGE1_5_LINK)

496 $(UFS2_STAGE1_5_ASMOBS) := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE1_5_CFLAGS) \
497         -DFSYS_UFS2=1 -DNO_BLOCK_FILES=1

499 $(UFS2_STAGE1_5_OBJS) := CFLAGS = $(BASE_CFLAGS) $(STAGE1_5_CFLAGS) \
500         -DFSYS_UFS2=1 -DNO_BLOCK_FILES=1

502 #
503 # UFS stage 1.5
504 #
505 UFS_STAGE1_5_DATA = ufs_stagel_5
506 UFS_STAGE1_5_EXEC = ufs_stagel_5.exec

508 UFS_STAGE1_5_ASMOBS = ufs_stagel_5_exec-asm.o \
509         ufs_stagel_5_exec-start.o

511 UFS_STAGE1_5_OBJS = ufs_stagel_5_exec-bios.o \
512         ufs_stagel_5_exec-char_io.o \
513         ufs_stagel_5_exec-common.o \
514         ufs_stagel_5_exec-disk_io.o \
515         ufs_stagel_5_exec-fsys_ufs.o \
516         ufs_stagel_5_exec-stagel_5.o

518 $(UFS_STAGE1_5_EXEC) := LDFLAGS = $(BASE_LDFLAGS) $(STAGE1_5_LINK)

520 $(UFS_STAGE1_5_ASMOBS) := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE1_5_CFLAGS) \
521         -DFSYS_UFS=1 -DNO_BLOCK_FILES=1

523 $(UFS_STAGE1_5_OBJS) := CFLAGS = $(BASE_CFLAGS) $(STAGE1_5_CFLAGS) \

```

```

524             -DFSYS_UFS=1 -DNO_BLOCK_FILES=1

526 #
527 # ZFS stage 1.5
528 #
529 ZFS_STAGE1_5_DATA      = zfs_stagel_5
530 ZFS_STAGE1_5_EXEC      = zfs_stagel_5.exec

532 ZFS_STAGE1_5_ASMOBSJS = zfs_stagel_5_exec-asm.o \
533                        zfs_stagel_5_exec-start.o

535 ZFS_STAGE1_5_OBJS      = zfs_stagel_5_exec-bios.o \
536                        zfs_stagel_5_exec-char_io.o \
537                        zfs_stagel_5_exec-common.o \
538                        zfs_stagel_5_exec-disk_io.o \
539                        zfs_stagel_5_exec-zfs_sha256.o \
540                        zfs_stagel_5_exec-zfs_edonr.o \
541                        zfs_stagel_5_exec-zfs_lzjb.o \
542                        zfs_stagel_5_exec-zfs_lz4.o \
543                        zfs_stagel_5_exec-zfs_fletcher.o \
544                        zfs_stagel_5_exec-fsys_zfs.o \
545                        zfs_stagel_5_exec-stage1_5.o

547 $(ZFS_STAGE1_5_EXEC)  := LDFLAGS = $(BASE_LDFLAGS) $(STAGE1_5_LINK)

549 $(ZFS_STAGE1_5_ASMOBSJS) := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE1_5_CFLAGS) \
550                                -DFSYS_UFS=1 -DNO_BLOCK_FILES=1

552 $(ZFS_STAGE1_5_OBJS)    := CFLAGS = $(BASE_CFLAGS) $(STAGE1_5_CFLAGS) \
553                                -DFSYS_UFS=1 -DNO_BLOCK_FILES=1

555 #
556 # VSTa FS
557 #
558 VSTAFS_STAGE1_5_DATA    = vstafs_stagel_5
559 VSTAFS_STAGE1_5_EXEC    = vstafs_stagel_5.exec

561 VSTAFS_STAGE1_5_ASMOBSJS = vstafs_stagel_5_exec-asm.o \
562                        vstafs_stagel_5_exec-start.o

564 VSTAFS_STAGE1_5_OBJS    = vstafs_stagel_5_exec-bios.o \
565                        vstafs_stagel_5_exec-char_io.o \
566                        vstafs_stagel_5_exec-common.o \
567                        vstafs_stagel_5_exec-disk_io.o \
568                        vstafs_stagel_5_exec-fsys_vstafs.o \
569                        vstafs_stagel_5_exec-stage1_5.o

571 $(VSTAFS_STAGE1_5_EXEC) := LDFLAGS = $(BASE_LDFLAGS) $(STAGE1_5_LINK)

573 $(VSTAFS_STAGE1_5_ASMOBSJS) := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE1_5_CFLAGS) \
574                                -DFSYS_VSTAFS=1 -DNO_BLOCK_FILES=1

576 $(VSTAFS_STAGE1_5_OBJS) := CFLAGS = $(BASE_CFLAGS) $(STAGE1_5_CFLAGS) \
577                                -DFSYS_VSTAFS=1 -DNO_BLOCK_FILES=1

579 #
580 # SGI XFS stage 1.5
581 #
582 XFS_STAGE1_5_DATA      = xfs_stagel_5
583 XFS_STAGE1_5_EXEC      = xfs_stagel_5.exec

585 XFS_STAGE1_5_ASMOBSJS = xfs_stagel_5_exec-asm.o \
586                        xfs_stagel_5_exec-start.o

588 XFS_STAGE1_5_OBJS      = xfs_stagel_5_exec-bios.o \
589                        xfs_stagel_5_exec-char_io.o \

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```

590             xfs_stagel_5_exec-common.o \
591             xfs_stagel_5_exec-disk_io.o \
592             xfs_stagel_5_exec-fsys_xfs.o \
593             xfs_stagel_5_exec-stage1_5.o

595 $(XFS_STAGE1_5_EXEC)    := LDFLAGS = $(BASE_LDFLAGS) $(STAGE1_5_LINK)

597 $(XFS_STAGE1_5_ASMOBSJS) := CCASFLAGS = $(BASE_CCASFLAGS) $(STAGE1_5_CFLAGS) \
598                                -DFSYS_UFS=1 -DNO_BLOCK_FILES=1

600 $(XFS_STAGE1_5_OBJS)    := CFLAGS = $(BASE_CFLAGS) $(STAGE1_5_CFLAGS) \
601                                -DFSYS_UFS=1 -DNO_BLOCK_FILES=1

604 INSTALL_TARGETS = $(INSTALL_DATA:%=$(ROOT_BOOT_GRUB)/%) \
605                    $(SRC_ZFSINC_DIR)

607 #
608 # Source files to be installed in $(ROOT_SRC).
609 #
610 SRC_DIR          = $(ROOT_SRC)/stage2
611 SRC_ZFSINC_DIR  = $(SRC_DIR)/zfs-include
612 SRC_FILES        = Makefile.am Makefile.in apic.h apm.S asm.S bios.c boot.c \
613                    builtin.c char_io.c cmdline.c common.c console.c defs.h \
614                    dir.h disk_inode.h disk_inode_ffs.h disk_io.c fat.h \
615                    fileys.h freebsd.h fs.h fsys_ext2fs.c fsys_fat.c \
616                    fsys_ffs.c fsys_iso9660.c fsys_jfs.c fsys_minix.c \
617                    zfs_sha256.c zfs_edonr.c zfs_lzjb.c zfs_lz4.c \
618                    zfs_fletcher.c fsys_zfs.c fsys_reiserfs.c fsys_ufs.c \
619                    fsys_ufs2.c fsys_vstafs.c fsys_xfs.c graphics.c graphics.h \
620                    gunzip.c hercules.c hercules.h i386-elf.h imgact_aout.h \
621                    iso9660.h jfs.h mb_header.h mb_info.h md5.c md5.h nbi.h \
622                    nbloader.S pc_slice.h pxeloder.S serial.c serial.h \
623                    setjmp.S shared.h size_test smp-imps.c smp-imps.h \
624                    stage1_5.c stage2.c start.S start_eltorito.S term.h \
625                    terminfo.c terminfo.h tparm.c tparm.h fsys_zfs.h ufs.h \
626                    ufs2.h vstafs.h xfs.h
627                    zfs_sha256.c zfs_lzjb.c zfs_lz4.c zfs_fletcher.c fsys_zfs.c \
628                    fsys_reiserfs.c fsys_ufs.c fsys_ufs2.c fsys_vstafs.c \
629                    fsys_xfs.c graphics.c graphics.h gunzip.c hercules.c \
630                    hercules.h i386-elf.h imgact_aout.h iso9660.h jfs.h \
631                    mb_header.h mb_info.h md5.c md5.h nbi.h nbloader.S \
632                    pc_slice.h pxeloder.S serial.c serial.h setjmp.S shared.h \
633                    size_test smp-imps.c smp-imps.h stage1_5.c stage2.c \
634                    start.S start_eltorito.S term.h terminfo.c terminfo.h \
635                    tparm.c tparm.h fsys_zfs.h ufs.h ufs2.h vstafs.h xfs.h

636 SRC_ZFSINC_FILES = dmu.h dmu_objset.h dnode.h dsl_dataset.h dsl_dir.h spa.h \
                    uberblock_impl.h vdev_impl.h zap_impl.h zap_leaf.h zfs.h \
                    zfs_acl.h zfs_znode.h zil.h zio.h zio_checksum.h

631 INSTALL_TARGETS += $(SRC_FILES:%=$(SRC_DIR)/%) \
632                    $(SRC_ZFSINC_FILES:%=$(SRC_ZFSINC_DIR)/%)

635 #####
636 all: $(BUILT_SOURCES) .WAIT $(LIBRARIES) $(PROGRAMS) $(DATA)

638 #
639 # BUILT_SOURCES
640 #
641 stage2_size.h: $(PRE_STAGE2_DATA)
642               $(RM) $@
643               set dummy `ls -l $(PRE_STAGE2_DATA)`; \
644               echo "#define STAGE2_SIZE $$6" > $@

646 diskless_size.h: $(DISKLESS_DATA)

```

```

647 $(RM) $@
648 set dummy `ls -l $(DISKLESS_DATA)`; \
649 echo "#define DISKLESS_SIZE $$6" > $@

651 #
652 # LIBRARIES
653 #
654 $(LIBGRUB): $(LIBGRUB_OBJS)
655 $(RM) $@
656 $(AR) cru $@ $(LIBGRUB_OBJS)
657 $(RANLIB) $@

659 $(LIBGRUB_OBJS): $$(@:libgrub_a-%.o=%.c)
660 $(CC) $(CFLAGS) -c -o $@ $(@:libgrub_a-%.o=%.c)

663 #
664 # Diskless
665 #
666 $(DISKLESS_EXEC): $(DISKLESS_ASMOBJS) $(DISKLESS_OBJS)
667 $(RM) $@
668 $(LINK) -o $@ $(DISKLESS_ASMOBJS) $(DISKLESS_OBJS) $(LIBS)

670 $(DISKLESS_ASMOBJS): $$(@:diskless_exec-%.o=%.S)
671 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:diskless_exec-%.o=%.S)

673 $(DISKLESS_OBJS): $$(@:diskless_exec-%.o=%.c)
674 $(CC) $(CFLAGS) -c -o $@ $(@:diskless_exec-%.o=%.c)

676 #
677 # ext2fs stage 1.5
678 #
679 $(E2FS_STAGE1_5_EXEC): $(E2FS_STAGE1_5_ASMOBJS) $(E2FS_STAGE1_5_OBJS)
680 $(RM) $@
681 $(LINK) -o $@ $(E2FS_STAGE1_5_ASMOBJS) $(E2FS_STAGE1_5_OBJS) $(LIBS)

683 $(E2FS_STAGE1_5_ASMOBJS): $$(@:e2fs_stage1_5_exec-%.o=%.S)
684 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:e2fs_stage1_5_exec-%.o=%.S)

686 $(E2FS_STAGE1_5_OBJS): $$(@:e2fs_stage1_5_exec-%.o=%.c)
687 $(CC) $(CFLAGS) -c -o $@ $(@:e2fs_stage1_5_exec-%.o=%.c)

689 #
690 # FAT stage 1.5
691 #
692 $(FAT_STAGE1_5_EXEC): $(FAT_STAGE1_5_ASMOBJS) $(FAT_STAGE1_5_OBJS)
693 $(RM) $@
694 $(LINK) -o $@ $(FAT_STAGE1_5_ASMOBJS) $(FAT_STAGE1_5_OBJS) $(LIBS)

696 $(FAT_STAGE1_5_ASMOBJS): $$(@:fat_stage1_5_exec-%.o=%.S)
697 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:fat_stage1_5_exec-%.o=%.S)

699 $(FAT_STAGE1_5_OBJS): $$(@:fat_stage1_5_exec-%.o=%.c)
700 $(CC) $(CFLAGS) -c -o $@ $(@:fat_stage1_5_exec-%.o=%.c)

702 #
703 # FFS stage 1.5
704 #
705 $(FFS_STAGE1_5_EXEC): $(FFS_STAGE1_5_ASMOBJS) $(FFS_STAGE1_5_OBJS)
706 $(RM) $@
707 $(LINK) -o $@ $(FFS_STAGE1_5_ASMOBJS) $(FFS_STAGE1_5_OBJS) $(LIBS)

709 $(FFS_STAGE1_5_ASMOBJS): $$(@:ffs_stage1_5_exec-%.o=%.S)
710 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:ffs_stage1_5_exec-%.o=%.S)

712 $(FFS_STAGE1_5_OBJS): $$(@:ffs_stage1_5_exec-%.o=%.c)

```

```

713 $(CC) $(CFLAGS) -c -o $@ $(@:ffs_stage1_5_exec-%.o=%.c)

715 #
716 # ISO9660 stage 1.5
717 #
718 $(ISO9660_STAGE1_5_EXEC): $(ISO9660_STAGE1_5_ASMOBJS) $(ISO9660_STAGE1_5_OBJS)
719 $(RM) $@
720 $(LINK) -o $@ $(ISO9660_STAGE1_5_ASMOBJS) $(ISO9660_STAGE1_5_OBJS) \
721 $(LIBS)

723 $(ISO9660_STAGE1_5_ASMOBJS): $$(@:iso9660_stage1_5_exec-%.o=%.S)
724 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:iso9660_stage1_5_exec-%.o=%.S)

726 $(ISO9660_STAGE1_5_OBJS): $$(@:iso9660_stage1_5_exec-%.o=%.c)
727 $(CC) $(CFLAGS) -c -o $@ $(@:iso9660_stage1_5_exec-%.o=%.c)

729 #
730 # JFS stage 1.5
731 #
732 $(JFS_STAGE1_5_EXEC): $(JFS_STAGE1_5_ASMOBJS) $(JFS_STAGE1_5_OBJS)
733 $(RM) $@
734 $(LINK) -o $@ $(JFS_STAGE1_5_ASMOBJS) $(JFS_STAGE1_5_OBJS) $(LIBS)

736 $(JFS_STAGE1_5_ASMOBJS): $$(@:jfs_stage1_5_exec-%.o=%.S)
737 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:jfs_stage1_5_exec-%.o=%.S)

739 $(JFS_STAGE1_5_OBJS): $$(@:jfs_stage1_5_exec-%.o=%.c)
740 $(CC) $(CFLAGS) -c -o $@ $(@:jfs_stage1_5_exec-%.o=%.c)

742 #
743 # Minix stage 1.5
744 #
745 $(MINIX_STAGE1_5_EXEC): $(MINIX_STAGE1_5_ASMOBJS) $(MINIX_STAGE1_5_OBJS)
746 $(RM) $@
747 $(LINK) -o $@ $(MINIX_STAGE1_5_ASMOBJS) $(MINIX_STAGE1_5_OBJS) $(LIBS)

749 $(MINIX_STAGE1_5_ASMOBJS): $$(@:minix_stage1_5_exec-%.o=%.S)
750 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:minix_stage1_5_exec-%.o=%.S)

752 $(MINIX_STAGE1_5_OBJS): $$(@:minix_stage1_5_exec-%.o=%.c)
753 $(CC) $(CFLAGS) -c -o $@ $(@:minix_stage1_5_exec-%.o=%.c)

755 #
756 # nbgrub
757 #
758 $(NBGRUB_DATA): $(NBLOADER_DATA) $(DISKLESS_DATA)
759 $(RM) $@
760 cat $(NBLOADER_DATA) $(DISKLESS_DATA) > $@

762 #
763 # nbloader
764 #
765 $(NBLOADER_EXEC): $(NBLOADER_ASMOBJS) $(NBLOADER_OBJS)
766 $(RM) $@
767 $(LINK) -o $@ $(NBLOADER_ASMOBJS) $(NBLOADER_OBJS) $(LIBS)

769 $(NBLOADER_ASMOBJS): $$(@:nbloader_exec-%.o=%.S) diskless_size.h
770 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:nbloader_exec-%.o=%.S)

772 $(NBLOADER_OBJS): $$(@:nbloader_exec-%.o=%.c)
773 $(CC) $(CFLAGS) -c -o $@ $(@:nbloader_exec-%.o=%.c)

775 #
776 # Pre-stage2
777 #
778 $(PRE_STAGE2_EXEC): $(PRE_STAGE2_ASMOBJS) $(PRE_STAGE2_OBJS)

```

```

779 $(RM) $@
780 $(LINK) -o $@ $(PRE_STAGE2_ASMOBJS) $(PRE_STAGE2_OBJS) $(LIBS)

782 $(PRE_STAGE2_ASMOBJS): $$(@:pre_stage2_exec-%.o=%.S)
783 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:pre_stage2_exec-%.o=%.S)

785 $(PRE_STAGE2_OBJS): $$(@:pre_stage2_exec-%.o=%.c)
786 $(CC) $(CFLAGS) -c -o $@ $(@:pre_stage2_exec-%.o=%.c)

788 #
789 # pxegrub
790 #
791 $(PXEGRUB_DATA): $(PXELoader_DATA) $(DISKLESS_DATA)
792 $(RM) $@
793 cat $(PXELoader_DATA) $(DISKLESS_DATA) > $@

795 #
796 # pxeloder
797 #
798 $(PXELoader_EXEC): $(PXELoader_ASMOBJS) $(PXELoader_OBJS)
799 $(RM) $@
800 $(LINK) -o $@ $(PXELoader_ASMOBJS) $(PXELoader_OBJS) $(LIBS)

802 $(PXELoader_ASMOBJS): $$(@:pxeloder_exec-%.o=%.S) diskless_size.h
803 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:pxeloder_exec-%.o=%.S)

805 $(PXELoader_OBJS): $$(@:pxeloder_exec-%.o=%.c)
806 $(CC) $(CFLAGS) -c -o $@ $(@:pxeloder_exec-%.o=%.c)

808 #
809 # ReiserFS stage 1.5
810 #
811 $(REISERFS_STAGE1_5_EXEC): $(REISERFS_STAGE1_5_ASMOBJS) \
812 $(REISERFS_STAGE1_5_OBJS)
813 $(RM) $@
814 $(LINK) -o $@ $(REISERFS_STAGE1_5_ASMOBJS) $(REISERFS_STAGE1_5_OBJS) \
815 $(LIBS)

817 $(REISERFS_STAGE1_5_ASMOBJS): $$(@:reiserfs_stage1_5_exec-%.o=%.S)
818 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:reiserfs_stage1_5_exec-%.o=%.S)

820 $(REISERFS_STAGE1_5_OBJS): $$(@:reiserfs_stage1_5_exec-%.o=%.c)
821 $(CC) $(CFLAGS) -c -o $@ $(@:reiserfs_stage1_5_exec-%.o=%.c)

823 #
824 # stage2
825 #
826 $(STAGE2_DATA): $(START_DATA) $(PRE_STAGE2_DATA)
827 $(RM) $@
828 cat $(START_DATA) $(PRE_STAGE2_DATA) > $@
829 #
830 # Eltorito stage2
831 #
832 $(STAGE2_ELTORITO_DATA): $(START_ELTORITO_DATA) $(PRE_STAGE2_DATA)
833 $(RM) $@
834 cat $(START_ELTORITO_DATA) $(PRE_STAGE2_DATA) > $@

836 #
837 # start
838 #
839 $(START_EXEC): $(START_ASMOBJS) $(START_OBJS)
840 $(RM) $@
841 $(LINK) -o $@ $(START_ASMOBJS) $(START_OBJS) $(LIBS)

843 $(START_ASMOBJS): $$(@:start_exec-%.o=%.S) stage2_size.h
844 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:start_exec-%.o=%.S)

```

```

846 $(START_OBJS): $$(@:start_exec-%.o=%.c)
847 $(CC) $(CFLAGS) -c -o $@ $(@:start_exec-%.o=%.c)

849 #
850 # Eltorito start
851 #
852 $(START_ELTORITO_EXEC): $(START_ELTORITO_ASMOBJS) $(START_ELTORITO_OBJS)
853 $(RM) $@
854 $(LINK) -o $@ $(START_ELTORITO_ASMOBJS) $(START_ELTORITO_OBJS) $(LIBS)

856 $(START_ELTORITO_ASMOBJS): $$(@:start_eltorito_exec-%.o=%.S) stage2_size.h
857 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:start_eltorito_exec-%.o=%.S)

859 $(START_ELTORITO_OBJS): $$(@:start_eltorito_exec-%.o=%.c)
860 $(CC) $(CFLAGS) -c -o $@ $(@:start_eltorito_exec-%.o=%.c)

862 #
863 # UFS2 stage 1.5
864 #
865 $(UFS2_STAGE1_5_EXEC): $(UFS2_STAGE1_5_ASMOBJS) $(UFS2_STAGE1_5_OBJS)
866 $(RM) $@
867 $(LINK) -o $@ $(UFS2_STAGE1_5_ASMOBJS) $(UFS2_STAGE1_5_OBJS) $(LIBS)

869 $(UFS2_STAGE1_5_ASMOBJS): $$(@:ufs2_stage1_5_exec-%.o=%.S)
870 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:ufs2_stage1_5_exec-%.o=%.S)

872 $(UFS2_STAGE1_5_OBJS): $$(@:ufs2_stage1_5_exec-%.o=%.c)
873 $(CC) $(CFLAGS) -c -o $@ $(@:ufs2_stage1_5_exec-%.o=%.c)

875 #
876 # UFS stage 1.5
877 #
878 $(UFS_STAGE1_5_EXEC): $(UFS_STAGE1_5_ASMOBJS) $(UFS_STAGE1_5_OBJS)
879 $(RM) $@
880 $(LINK) -o $@ $(UFS_STAGE1_5_ASMOBJS) $(UFS_STAGE1_5_OBJS) $(LIBS)

882 $(UFS_STAGE1_5_ASMOBJS): $$(@:ufs_stage1_5_exec-%.o=%.S)
883 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:ufs_stage1_5_exec-%.o=%.S)

885 $(UFS_STAGE1_5_OBJS): $$(@:ufs_stage1_5_exec-%.o=%.c)
886 $(CC) $(CFLAGS) -c -o $@ $(@:ufs_stage1_5_exec-%.o=%.c)

888 #
889 # ZFS stage 1.5
890 #
891 $(ZFS_STAGE1_5_EXEC): $(ZFS_STAGE1_5_ASMOBJS) $(ZFS_STAGE1_5_OBJS)
892 $(RM) $@
893 $(LINK) -o $@ $(ZFS_STAGE1_5_ASMOBJS) $(ZFS_STAGE1_5_OBJS) $(LIBS)

895 $(ZFS_STAGE1_5_ASMOBJS): $$(@:zfs_stage1_5_exec-%.o=%.S)
896 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:zfs_stage1_5_exec-%.o=%.S)

898 $(ZFS_STAGE1_5_OBJS): $$(@:zfs_stage1_5_exec-%.o=%.c)
899 $(CC) $(CFLAGS) -c -o $@ $(@:zfs_stage1_5_exec-%.o=%.c)

901 #
902 # VSTa stage 1.5
903 #
904 $(VSTAFS_STAGE1_5_EXEC): $(VSTAFS_STAGE1_5_ASMOBJS) $(VSTAFS_STAGE1_5_OBJS)
905 $(RM) $@
906 $(LINK) -o $@ $(VSTAFS_STAGE1_5_ASMOBJS) $(VSTAFS_STAGE1_5_OBJS) $(LIBS)

908 $(VSTAFS_STAGE1_5_ASMOBJS): $$(@:vstafs_stage1_5_exec-%.o=%.S)
909 $(CCAS) $(CCASFLAGS) -c -o $@ $(@:vstafs_stage1_5_exec-%.o=%.S)

```



```
911 $(VSTAFS_STAGE1_5_OBJS): $$(@:vstafs_stage1_5_exec-%.o=%.c)
912     $(CC) $(CFLAGS) -c -o $@ $@ $(@:vstafs_stage1_5_exec-%.o=%.c)

914 #
915 # SGI XFS stage 1.5
916 #
917 $(XFS_STAGE1_5_EXEC): $(XFS_STAGE1_5_ASMOBS) $(XFS_STAGE1_5_OBJS)
918     $(RM) $@
919     $(LINK) -o $@ $(XFS_STAGE1_5_ASMOBS) $(XFS_STAGE1_5_OBJS) $(LIBS)

921 $(XFS_STAGE1_5_ASMOBS): $$(@:xfs_stage1_5_exec-%.o=%.S)
922     $(CCAS) $(CCASFLAGS) -c -o $@ $@ $(@:xfs_stage1_5_exec-%.o=%.S)

924 $(XFS_STAGE1_5_OBJS): $$(@:xfs_stage1_5_exec-%.o=%.c)
925     $(CC) $(CFLAGS) -c -o $@ $@ $(@:xfs_stage1_5_exec-%.o=%.c)

929 install: all $(INSTALL_TARGETS)

931 $(ROOT_BOOT_GRUB)/%: $(ROOT_BOOT_GRUB) %
932     $(INS.file)

934 $(SRC_DIR)/%: $(SRC_DIR) %
935     $(INS.file)

937 $(SRC_ZFSINC_DIR)/%: $(SRC_ZFSINC_DIR) %
938     $(INS.file)

940 $(ROOT_BOOT_GRUB) $(SRC_DIR) $(SRC_ZFSINC_DIR):
941     $(INS.dir)

943 clean: _FORCE
944     $(RM) *.o $(BUILT_SOURCES) $(LIBRARIES) $(PROGRAMS) $(NOINSTALL_DATA)

946 clobber: clean
947     $(RM) $(INSTALL_DATA)

949 _FORCE:
```

\*\*\*\*\*

43624 Tue Feb 19 01:00:51 2013

new/usr/src/grub/grub-0.97/stage2/fsys\_zfs.c

Integrated Edon-R hash function.

\*\*\*\*\*

unchanged\_portion\_omitted

```
136 /* Checksum Table and Values */
137 zio_checksum_info_t zio_checksum_table[ZIO_CHECKSUM_FUNCTIONS] = {
138     {NULL, NULL}, 0, 0, "inherit"},
139     {NULL, NULL}, 0, 0, "on"},
140     {zio_checksum_off, zio_checksum_off}, 0, 0, "off"},
141     {zio_checksum_SHA256, zio_checksum_SHA256}, 1, 1, "label"},
142     {zio_checksum_SHA256, zio_checksum_SHA256}, 1, 1, "gang_header"},
143     {NULL, NULL}, 0, 0, "zillog"},
144     {fletcher_2_native, fletcher_2_byteswap}, 0, 0, "fletcher2"},
145     {fletcher_4_native, fletcher_4_byteswap}, 1, 0, "fletcher4"},
146     {zio_checksum_SHA256, zio_checksum_SHA256}, 1, 0, "SHA256"},
147     {NULL, NULL}, 0, 0, "zillog2"},
148     {{zio_checksum_EdonR512_256, zio_checksum_EdonR512_256_byteswap},
149     1, 0, "edonr512/256"}
150 };
```

unchanged\_portion\_omitted

```
961 /*
962 * List of pool features that the grub implementation of ZFS supports for
963 * read. Note that features that are only required for write do not need
964 * to be listed here since grub opens pools in read-only mode.
965 */
966 static const char *spa_feature_names[] = {
967     "org.illumos:lz4_compress",
968     "org.illumos:edonr_cksum",
969     NULL
970 };
```

unchanged\_portion\_omitted

new/usr/src/grub/grub-0.97/stage2/fsys\_zfs.h

1

\*\*\*\*\*

6588 Tue Feb 19 01:00:52 2013

new/usr/src/grub/grub-0.97/stage2/fsys\_zfs.h

Integrated Edon-R hash function.

\*\*\*\*\*

unchanged portion omitted

```
174 /*
175  * FAT ZAP data structures
176 */
177 #define ZFS_CRC64_POLY 0xC96C5795D7870F42ULL /* ECMA-182, reflected form */
178 #define ZAP_HASH_IDX(hash, n) (((n) == 0) ? 0 : ((hash) >> (64 - (n))))
179 #define CHAIN_END 0xffff /* end of the chunk chain */

181 /*
182  * The amount of space within the chunk available for the array is:
183  * chunk size - space for type (1) - space for next pointer (2)
184 */
185 #define ZAP_LEAF_ARRAY_BYTES (ZAP_LEAF_CHUNKSIZE - 3)

187 #define ZAP_LEAF_HASH_SHIFT(bs) (bs - 5)
188 #define ZAP_LEAF_HASH_NUMENTRIES(bs) (1 << ZAP_LEAF_HASH_SHIFT(bs))
189 #define LEAF_HASH(bs, h) \
190     ((ZAP_LEAF_HASH_NUMENTRIES(bs)-1) & \
191     ((h) >> (64 - ZAP_LEAF_HASH_SHIFT(bs)-1->l_hdr.lh_prefix_len)))

193 /*
194  * The amount of space available for chunks is:
195  * block size shift - hash entry size (2) * number of hash
196  * entries - header space (2*chunksize)
197 */
198 #define ZAP_LEAF_NUMCHUNKS(bs) \
199     (((1<<bs) - 2*ZAP_LEAF_HASH_NUMENTRIES(bs)) / \
200     ZAP_LEAF_CHUNKSIZE - 2)

202 /*
203  * The chunks start immediately after the hash table. The end of the
204  * hash table is at l_hash + HASH_NUMENTRIES, which we simply cast to a
205  * chunk_t.
206 */
207 #define ZAP_LEAF_CHUNK(l, bs, idx) \
208     ((zap_leaf_chunk_t *) (l->l_hash + ZAP_LEAF_HASH_NUMENTRIES(bs)))[idx]
209 #define ZAP_LEAF_ENTRY(l, bs, idx) (&ZAP_LEAF_CHUNK(l, bs, idx).l_entry)

211 extern void fletcher_2_native(const void *, uint64_t, zio_cksum_t *);
212 extern void fletcher_2_byteswap(const void *, uint64_t, zio_cksum_t *);
213 extern void fletcher_4_native(const void *, uint64_t, zio_cksum_t *);
214 extern void fletcher_4_byteswap(const void *, uint64_t, zio_cksum_t *);
215 extern void zio_checksum_SHA256(const void *, uint64_t, zio_cksum_t *);
216 extern void zio_checksum_EdonR512_256(const void *, uint64_t, zio_cksum_t *);
217 extern void zio_checksum_EdonR512_256_byteswap(const void *, uint64_t,
218     zio_cksum_t *);
219 extern int lzjb_decompress(void *, void *, size_t, size_t);
220 extern int lz4_decompress(void *, void *, size_t, size_t);

222 #endif /* FSYS_ZFS */

224 #endif /* !_FSYS_ZFS_H */
```

new/usr/src/grub/grub-0.97/stage2/zfs-include/zio.h

1

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2578 Tue Feb 19 01:00:52 2013

new/usr/src/grub/grub-0.97/stage2/zfs-include/zio.h

Integrated Edon-R hash function.

\*\*\*\*\*

\_\_\_\_\_ unchanged\_portion\_omitted\_

```
59 enum zio_checksum {
60     ZIO_CHECKSUM_INHERIT = 0,
61     ZIO_CHECKSUM_ON,
62     ZIO_CHECKSUM_OFF,
63     ZIO_CHECKSUM_LABEL,
64     ZIO_CHECKSUM_GANG_HEADER,
65     ZIO_CHECKSUM_ZILOG,
66     ZIO_CHECKSUM_FLETCHER_2,
67     ZIO_CHECKSUM_FLETCHER_4,
68     ZIO_CHECKSUM_SHA256,
69     ZIO_CHECKSUM_ZILOG2,
70     ZIO_CHECKSUM_EDONR512_256,
71     ZIO_CHECKSUM_FUNCTIONS
72 };
```

\_\_\_\_\_ unchanged\_portion\_omitted\_

```
*****
```

```
22200 Tue Feb 19 01:00:52 2013
```

```
new/usr/src/grub/grub-0.97/stage2/zfs_edonr.c
```

```
Integrated Edon-R hash function.
```

```
*****
```

```
1 /*
2  * This code, as well as the Edon-R algorithm itself are public domain.
3  */
```

```
5 #include "fsys_zfs.h"
6 #include <string.h>
```

```
8 /* Specific algorithm definitions */
9 #define EdonR224_DIGEST_SIZE 28
10 #define EdonR224_BLOCK_SIZE 64
11 #define EdonR256_DIGEST_SIZE 32
12 #define EdonR256_BLOCK_SIZE 64
13 #define EdonR384_DIGEST_SIZE 48
14 #define EdonR384_BLOCK_SIZE 128
15 #define EdonR512_DIGEST_SIZE 64
16 #define EdonR512_BLOCK_SIZE 128
```

```
18 static void
19 my_memset(void *ptr, int c, size_t n)
20 {
21     uint8_t *p;
22     size_t i;
23
24     for (i = 0; i < n; i++)
25         p[i] = c;
26 }
```

```
28 typedef struct {
29     uint32_t DoublePipe[32];
30     uint8_t LastPart[EdonR256_BLOCK_SIZE * 2];
31 } EdonRData256;
```

```
33 typedef struct {
34     uint64_t DoublePipe[32];
35     uint8_t LastPart[EdonR512_BLOCK_SIZE * 2];
36 } EdonRData512;
```

```
38 typedef struct {
39     size_t hashbitlen;
```

```
41     /* algorithm specific parameters */
42     uint64_t bits_processed;
43     union {
44         EdonRData256 p256[1];
45         EdonRData512 p512[1];
46     } pipe[1];
47     int unprocessed_bits;
48 } EdonRHashState;
```

```
50 #define rotl32(x,n)    (((x) << n) | ((x) >> (32 - n)))
51 #define rotr32(x,n)    (((x) >> n) | ((x) << (32 - n)))
```

```
53 #define rotl64(x,n)    (((x) << n) | ((x) >> (64 - n)))
54 #define rotr64(x,n)    (((x) >> n) | ((x) << (64 - n)))
```

```
56 /* EdonR224 initial double chaining pipe */
57 static const uint32_t i224p2[16] = {
58     0x00010203ul, 0x04050607ul, 0x08090a0bul, 0x0c0d0e0ful,
59     0x10111213ul, 0x14151617ul, 0x18191a1bul, 0x1c1d1e1ful,
60     0x20212223ul, 0x24252627ul, 0x28292a2bul, 0x2c2d2e2ful,
61     0x30313233ul, 0x34353637ul, 0x38393a3bul, 0x3c3d3e3ful
```

```
62 };
```

```
64 /* EdonR256 initial double chaining pipe */
65 static const uint32_t i256p2[16] = {
66     0x40414243ul, 0x44454647ul, 0x48494a4bul, 0x4c4d4e4ful,
67     0x50515253ul, 0x54555657ul, 0x58595a5bul, 0x5c5d5e5ful,
68     0x60616263ul, 0x64656667ul, 0x68696a6bul, 0x6c6d6e6ful,
69     0x70717273ul, 0x74757677ul, 0x78797a7bul, 0x7c7d7e7ful
70 };
```

```
72 /* EdonR384 initial double chaining pipe */
73 static const uint64_t i384p2[16] = {
74     0x0001020304050607u11, 0x08090a0b0c0d0e0full,
75     0x1011121314151617u11, 0x18191a1b1c1d1e1full,
76     0x2021222324252627u11, 0x28292a2b2c2d2e2full,
77     0x3031323324353637u11, 0x38393a3b3c3d3e3full,
78     0x4041424344454647u11, 0x48494a4b4c4d4e4full,
79     0x5051525354555657u11, 0x58595a5b5c5d5e5full,
80     0x6061626364656667u11, 0x68696a6b6c6d6e6full,
81     0x7071727374757677u11, 0x78797a7b7c7d7e7full
82 };
```

```
84 /* EdonR512 initial double chaining pipe */
85 const uint64_t i512p2[16] = {
86     0x8081828384858687u11, 0x88898a8b8c8d8e8full,
87     0x9091929394959697u11, 0x98999a9b9c9d9e9full,
88     0xa0a1a2a3a4a5a6a7u11, 0xa8a9aaabacadaeafu11,
89     0xb0b1b2b3b4b5b6b7u11, 0xb8b9babbbcbdbefu11,
90     0xc0c1c2c3c4c5c6c7u11, 0xc8c9cacbcccdceefu11,
91     0xd0d1d2d3d4d5d6d7u11, 0xd8d9dadadbdcddedfu11,
92     0xe0e1e2e3e4e5e6e7u11, 0xe8e9eaebecedeeefu11,
93     0xf0f1f2f3f4f5f6f7u11, 0xf8f9fafbfcdfeffu11
94 };
```

```
96 #define hashState224(x)    ((x)->pipe->p256)
97 #define hashState256(x)    ((x)->pipe->p256)
98 #define hashState384(x)    ((x)->pipe->p512)
99 #define hashState512(x)    ((x)->pipe->p512)
```

```
101 #define Q256(x0, x1, x2, x3, x4, x5, x6, x7, \
102     y0, y1, y2, y3, y4, y5, y6, y7, \
103     z0, z1, z2, z3, z4, z5, z6, z7) \
```

```
104 { \
105     /* First Latin Square \
106     0 7 1 3 2 4 6 5 \
107     4 1 7 6 3 0 5 2 \
108     7 0 4 2 5 3 1 6 \
109     1 4 0 5 6 2 7 3 \
110     2 3 6 7 1 5 0 4 \
111     5 2 3 1 7 6 4 0 \
112     3 6 5 0 4 7 2 1 \
113     6 5 2 4 0 1 3 7 \
114     */ \
115     t8 = x0 + x4; \
116     t9 = x1 + x7; \
117     t12 = t8 + t9; \
118     t10 = x2 + x3; \
119     t11 = x5 + x6; \
120     t13 = t10 + t11; \
121     t0 = 0xaaaaaaaa + t12 + x2; \
122     t1 = t12 + x3; \
123     t1 = rotl32((t1), 5); \
124     t2 = t12 + x6; \
125     t2 = rotr32((t2), 11); \
126     t3 = t13 + x7; \
127     t3 = rotl32((t3), 13); \
```

```

128 t4 = x1 + t13;\
129 t4 = rot132((t4),17);\
130 t5 = t8 + t10 + x5;\
131 t5 = rot132((t5),19);\
132 t6 = x0 + t9 + t11;\
133 t6 = rot132((t6),29);\
134 t7 = t13 +x4;\
135 t7 = rot132((t7),31);\
136 \
137 t16 = t0 ^ t4;\
138 t17 = t1 ^ t7;\
139 t18 = t2 ^ t3;\
140 t19 = t5 ^ t6;\
141 t8 = t3 ^ t19;\
142 t9 = t2 ^ t19;\
143 t10 = t18 ^ t5;\
144 t11 = t16 ^ t1;\
145 t12 = t16 ^ t7;\
146 t13 = t17 ^ t6;\
147 t14 = t18 ^ t4;\
148 t15 = t0 ^ t17;\
149 \
150 /* Second Orthogonal Latin Square\
151 0 4 2 3 1 6 5 7\
152 7 6 3 2 5 4 1 0\
153 5 3 1 6 0 2 7 4\
154 1 0 5 4 3 7 2 6\
155 2 1 0 7 4 5 6 3\
156 3 5 7 0 6 1 4 2\
157 4 7 6 1 2 0 3 5\
158 6 2 4 5 7 3 0 1\
159 */\
160 t16 = y0 + y1;\
161 t17 = y2 + y5;\
162 t20 = t16 + t17;\
163 t18 = y3 + y4;\
164 t22 = t16 + t18;\
165 t19 = y6 + y7;\
166 t21 = t18 + t19;\
167 t23 = t17 + t19;\
168 t0 = 0x55555555 + t20 + y7;\
169 t1 = t22 + y6;\
170 t1 = rot132((t1), 3);\
171 t2 = t20 + y3;\
172 t2 = rot132((t2), 7);\
173 t3 = y2 + t21;\
174 t3 = rot132((t3),11);\
175 t4 = t22 + y5;\
176 t4 = rot132((t4),17);\
177 t5 = t23 + y4;\
178 t5 = rot132((t5),19);\
179 t6 = y1 + t23;\
180 t6 = rot132((t6),23);\
181 t7 = y0 + t21;\
182 t7 = rot132((t7),29);\
183 \
184 t16 = t0 ^ t1;\
185 t17 = t2 ^ t5;\
186 t18 = t3 ^ t4;\
187 t19 = t6 ^ t7;\
188 z5 = t8 + (t18 ^ t6);\
189 z6 = t9 + (t17 ^ t7);\
190 z7 = t10 + (t4 ^ t19);\
191 z0 = t11 + (t16 ^ t5);\
192 z1 = t12 + (t2 ^ t19);\
193 z2 = t13 + (t16 ^ t3);

```

```

194 z3 = t14 + (t0 ^ t18);\
195 z4 = t15 + (t1 ^ t17);\
196 }
197
198 #define Q512(x0, x1, x2, x3, x4, x5, x6, x7, \
199 y0, y1, y2, y3, y4, y5, y6, y7, \
200 z0, z1, z2, z3, z4, z5, z6, z7) \
201 {\
202 /* First Latin Square\
203 0 7 1 3 2 4 6 5\
204 4 1 7 6 3 0 5 2\
205 7 0 4 2 5 3 1 6\
206 1 4 0 5 6 2 7 3\
207 2 3 6 7 1 5 0 4\
208 5 2 3 1 7 6 4 0\
209 3 6 5 0 4 7 2 1\
210 6 5 2 4 0 1 3 7\
211 */\
212 tt8 = x0 + x4;\
213 tt9 = x1 + x7;\
214 tt12 = tt8 + tt9;\
215 tt10 = x2 + x3;\
216 tt11 = x5 + x6;\
217 tt13 = tt10 + tt11;\
218 tt0 = 0xaaaaaaaaaaaaaaaaaull + tt12 + x2;\
219 tt1 = tt12 + x3;\
220 tt1 = rot164((tt1), 5);\
221 tt2 = tt12 + x6;\
222 tt2 = rot164((tt2),19);\
223 tt3 = tt13 + x7;\
224 tt3 = rot164((tt3),29);\
225 tt4 = x1 + tt13;\
226 tt4 = rot164((tt4),31);\
227 tt5 = tt8 + tt10 + x5;\
228 tt5 = rot164((tt5),41);\
229 tt6 = x0 + tt9 + tt11;\
230 tt6 = rot164((tt6),57);\
231 tt7 = tt13 + x4;\
232 tt7 = rot164((tt7),61);\
233 \
234 tt16 = tt0 ^ tt4;\
235 tt17 = tt1 ^ tt7;\
236 tt18 = tt2 ^ tt3;\
237 tt19 = tt5 ^ tt6;\
238 tt8 = tt3 ^ tt19;\
239 tt9 = tt2 ^ tt19;\
240 tt10 = tt18 ^ tt5;\
241 tt11 = tt16 ^ tt1;\
242 tt12 = tt16 ^ tt7;\
243 tt13 = tt17 ^ tt6;\
244 tt14 = tt18 ^ tt4;\
245 tt15 = tt0 ^ tt17;\
246 \
247 /* Second Orthogonal Latin Square\
248 0 4 2 3 1 6 5 7\
249 7 6 3 2 5 4 1 0\
250 5 3 1 6 0 2 7 4\
251 1 0 5 4 3 7 2 6\
252 2 1 0 7 4 5 6 3\
253 3 5 7 0 6 1 4 2\
254 4 7 6 1 2 0 3 5\
255 6 2 4 5 7 3 0 1\
256 */\
257 tt16 = y0 + y1;\
258 tt17 = y2 + y5;\
259 tt20 = tt16 + tt17;

```

```

260     tt18 = y3 + y4;\
261     tt22 = tt16 + tt18;\
262     tt19 = y6 + y7;\
263     tt21 = tt18 + tt19;\
264     tt23 = tt17 + tt19;\
265     tt0 = 0x5555555555555555ull + tt20 + y7;\
266     tt1 = tt22 + y6;\
267     tt1 = rotl64((tt1), 3);\
268     tt2 = tt20 + y3;\
269     tt2 = rotl64((tt2),17);\
270     tt3 = y2 + tt21;\
271     tt3 = rotl64((tt3),23);\
272     tt4 = tt22 + y5;\
273     tt4 = rotl64((tt4),31);\
274     tt5 = tt23+ y4;\
275     tt5 = rotl64((tt5),37);\
276     tt6 = y1 + tt23;\
277     tt6 = rotl64((tt6),45);\
278     tt7 = y0 + tt21;\
279     tt7 = rotl64((tt7),59);\
280     \
281     tt16 = tt0 ^ tt1;\
282     tt17 = tt2 ^ tt5;\
283     tt18 = tt3 ^ tt4;\
284     tt19 = tt6 ^ tt7;\
285     z5 = tt8 + (tt18 ^ tt6);\
286     z6 = tt9 + (tt17 ^ tt7);\
287     z7 = tt10 + (tt4 ^ tt19);\
288     z0 = tt11 + (tt16 ^ tt5);\
289     z1 = tt12 + (tt2 ^ tt19);\
290     z2 = tt13 + (tt16 ^ tt3);\
291     z3 = tt14 + (tt0 ^ tt18);\
292     z4 = tt15 + (tt1 ^ tt17);\
293 }

295 static void
296 EdonRInit(EdonRHashState *state, int hashbitlen)
297 {
298     switch (hashbitlen) {
299     case 224:
300         state->hashbitlen = 224;
301         state->bits_processed = 0;
302         state->unprocessed_bits = 0;
303         memcpy(hashState224(state)->DoublePipe, i224p2,
304             16 * sizeof (uint32_t));
305         break;

307     case 256:
308         state->hashbitlen = 256;
309         state->bits_processed = 0;
310         state->unprocessed_bits = 0;
311         memcpy(hashState256(state)->DoublePipe, i256p2,
312             16 * sizeof (uint32_t));
313         break;

315     case 384:
316         state->hashbitlen = 384;
317         state->bits_processed = 0;
318         state->unprocessed_bits = 0;
319         memcpy(hashState384(state)->DoublePipe, i384p2,
320             16 * sizeof (uint64_t));
321         break;

323     case 512:
324         state->hashbitlen = 512;
325         state->bits_processed = 0;

```

```

326         state->unprocessed_bits = 0;
327         memcpy(hashState224(state)->DoublePipe, i512p2,
328             16 * sizeof (uint64_t));
329         break;
330     }
331 }

333 static void
334 EdonRUpdate(EdonRHashState *state, const uint8_t *data, size_t databitlen)
335 {
336     uint32_t *data32, *p256;
337     uint32_t t0, t1, t2, t3, t4, t5, t6, t7;
338     uint32_t t8, t9, t10, t11, t12, t13, t14, t15;
339     uint32_t t16, t17, t18, t19, t20, t21, t22, t23;
340     uint32_t p16, p17, p18, p19, p20, p21, p22, p23;
341     uint32_t p24, p25, p26, p27, p28, p29, p30, p31;

343     uint64_t *data64, *p512;
344     uint64_t tt0, tt1, tt2, tt3, tt4, tt5, tt6, tt7;
345     uint64_t tt8, tt9, tt10, tt11, tt12, tt13, tt14, tt15;
346     uint64_t tt16, tt17, tt18, tt19, tt20, tt21, tt22, tt23;
347     uint64_t pp16, pp17, pp18, pp19, pp20, pp21, pp22, pp23;
348     uint64_t pp24, pp25, pp26, pp27, pp28, pp29, pp30, pp31;

350     int LastBytes;

352     switch (state->hashbitlen) {
353     case 224:
354     case 256:
355         if (state->unprocessed_bits > 0) {
356             /* LastBytes = databitlen / 8 */
357             LastBytes = (int) databitlen >> 3;
358             memcpy(hashState256(state)->LastPart +
359                 (state->unprocessed_bits >> 3), data, LastBytes);
360             state->unprocessed_bits += (int) databitlen;
361             databitlen = state->unprocessed_bits;
362             data32 = (uint32_t *) hashState256(state)->LastPart;
363         } else
364             data32 = (uint32_t *) data;

366     p256 = hashState256(state)->DoublePipe;
367     while (databitlen >= EdonR256_BLOCK_SIZE * 8) {
368         databitlen -= EdonR256_BLOCK_SIZE * 8;

370         state->bits_processed += EdonR256_BLOCK_SIZE * 8;

372         /* First row of quasigroup e-transformations */
373         Q256(data32[15], data32[14], data32[13], data32[12],
374             data32[11], data32[10], data32[9], data32[8],
375             data32[0], data32[1], data32[2], data32[3],
376             data32[4], data32[5], data32[6], data32[7], p16,
377             p17, p18, p19, p20, p21, p22, p23);
378         Q256(p16, p17, p18, p19, p20, p21, p22, p23, data32[8],
379             data32[9], data32[10], data32[11], data32[12],
380             data32[13], data32[14], data32[15], p24, p25, p26,
381             p27, p28, p29, p30, p31);

383         /* Second row of quasigroup e-transformations */
384         Q256(p256[8], p256[9], p256[10], p256[11], p256[12],
385             p256[13], p256[14], p256[15], p16, p17, p18, p19,
386             p20, p21, p22, p23, p16, p17, p18, p19, p20, p21,
387             p22, p23);
388         Q256(p16, p17, p18, p19, p20, p21, p22, p23, p24, p25,
389             p26, p27, p28, p29, p30, p31, p24, p25, p26, p27,
390             p28, p29, p30, p31);

```

```

392      /* Third row of quasigroup e-transformations */
393      Q256(p16, p17, p18, p19, p20, p21, p22, p23,
394          p256[0], p256[1], p256[2], p256[3], p256[4],
395          p256[5], p256[6], p256[7], p16, p17, p18, p19, p20,
396          p21, p22, p23);
397      Q256(p24, p25, p26, p27, p28, p29, p30, p31, p16, p17,
398          p18, p19, p20, p21, p22, p23, p24, p25, p26, p27,
399          p28, p29, p30, p31);

401      /* Fourth row of quasigroup e-transformations */
402      Q256(data32[7], data32[6], data32[5], data32[4],
403          data32[3], data32[2], data32[1], data32[0], p16,
404          p17, p18, p19, p20, p21, p22, p23, p256[0], p256[1],
405          p256[2], p256[3], p256[4], p256[5], p256[6],
406          p256[7]);
407      Q256(p256[0], p256[1], p256[2], p256[3], p256[4],
408          p256[5], p256[6], p256[7], p24, p25, p26, p27, p28,
409          p29, p30, p31, p256[8], p256[9], p256[10], p256[11],
410          p256[12], p256[13], p256[14], p256[15]);

412      data32 += 16;
413  }
414  state->unprocessed_bits = (int) databitlen;
415  if (databitlen > 0) {
416      /* LastBytes = Ceil(databitlen / 8) */
417      LastBytes = (((-((int) databitlen) >> 3) & 0x01ff) +
418                  1) & 0x01ff;
419      memcpy(hashState256(state)->LastPart, data32,
420            LastBytes);
421  }
422  break;

425  case 384:
426  case 512:
427      if (state->unprocessed_bits > 0) {
428          /* LastBytes = databitlen / 8 */
429          LastBytes = (int) databitlen >> 3;
430          memcpy(hashState512(state)->LastPart +
431                (state->unprocessed_bits >> 3), data, LastBytes);
432          state->unprocessed_bits += (int) databitlen;
433          databitlen = state->unprocessed_bits;
434          data64 = (uint64_t *) hashState512(state)->LastPart;
435      } else
436          data64 = (uint64_t *) data;

438  p512 = hashState512(state)->DoublePipe;
439  while (databitlen >= EdonR512_BLOCK_SIZE * 8) {
440      databitlen -= EdonR512_BLOCK_SIZE * 8;

442      state->bits_processed += EdonR512_BLOCK_SIZE * 8;

444      /* First row of quasigroup e-transformations */
445      Q512(data64[15], data64[14], data64[13], data64[12],
446          data64[11], data64[10], data64[9], data64[8],
447          data64[0], data64[1], data64[2], data64[3],
448          data64[4], data64[5], data64[6], data64[7], pp16,
449          pp17, pp18, pp19, pp20, pp21, pp22, pp23);
450      Q512(pp16, pp17, pp18, pp19, pp20, pp21, pp22, pp23,
451          data64[8], data64[9], data64[10], data64[11],
452          data64[12], data64[13], data64[14], data64[15],
453          pp24, pp25, pp26, pp27, pp28, pp29, pp30, pp31);

455      /* Second row of quasigroup e-transformations */
456      Q512(p512[8], p512[9], p512[10], p512[11], p512[12],
457          p512[13], p512[14], p512[15], pp16, pp17, pp18,

```

```

458          pp19, pp20, pp21, pp22, pp23, pp16, pp17, pp18,
459          pp19, pp20, pp21, pp22, pp23);
460      Q512(pp16, pp17, pp18, pp19, pp20, pp21, pp22, pp23,
461          pp24, pp25, pp26, pp27, pp28, pp29, pp30, pp31,
462          pp24, pp25, pp26, pp27, pp28, pp29, pp30, pp31);

464      /* Third row of quasigroup e-transformations */
465      Q512(pp16, pp17, pp18, pp19, pp20, pp21, pp22, pp23,
466          p512[0], p512[1], p512[2], p512[3], p512[4],
467          p512[5], p512[6], p512[7], pp16, pp17, pp18, pp19,
468          pp20, pp21, pp22, pp23);
469      Q512(pp24, pp25, pp26, pp27, pp28, pp29, pp30, pp31,
470          pp16, pp17, pp18, pp19, pp20, pp21, pp22, pp23,
471          pp24, pp25, pp26, pp27, pp28, pp29, pp30, pp31);

473      /* Fourth row of quasigroup e-transformations */
474      Q512(data64[7], data64[6], data64[5], data64[4],
475          data64[3], data64[2], data64[1], data64[0], pp16,
476          pp17, pp18, pp19, pp20, pp21, pp22, pp23, p512[0],
477          p512[1], p512[2], p512[3], p512[4], p512[5],
478          p512[6], p512[7]);
479      Q512(p512[0], p512[1], p512[2], p512[3], p512[4],
480          p512[5], p512[6], p512[7], pp24, pp25, pp26, pp27,
481          pp28, pp29, pp30, pp31, p512[8], p512[9], p512[10],
482          p512[11], p512[12], p512[13], p512[14], p512[15]);

484      data64 += 16;
485  }
486  state->unprocessed_bits = (int) databitlen;
487  if (databitlen > 0) {
488      /* LastBytes = Ceil(databitlen / 8) */
489      LastBytes = (((-((int) databitlen) >> 3) & 0x03ff) +
490                  1) & 0x03ff;
491      memcpy(hashState512(state)->LastPart, data64,
492            LastBytes);
493  }
494  break;
495  }
496  }

498  static void
499  EdonRFinal(EdonRHashState * state, uint8_t *hashval)
500  {
501      uint32_t *data32, *p256;
502      uint32_t t0, t1, t2, t3, t4, t5, t6, t7;
503      uint32_t t8, t9, t10, t11, t12, t13, t14, t15;
504      uint32_t t16, t17, t18, t19, t20, t21, t22, t23;
505      uint32_t p16, p17, p18, p19, p20, p21, p22, p23;
506      uint32_t p24, p25, p26, p27, p28, p29, p30, p31;

508      uint64_t *data64, *p512;
509      uint64_t tt0, tt1, tt2, tt3, tt4, tt5, tt6, tt7;
510      uint64_t tt8, tt9, tt10, tt11, tt12, tt13, tt14, tt15;
511      uint64_t tt16, tt17, tt18, tt19, tt20, tt21, tt22, tt23;
512      uint64_t pp16, pp17, pp18, pp19, pp20, pp21, pp22, pp23;
513      uint64_t pp24, pp25, pp26, pp27, pp28, pp29, pp30, pp31;

515      size_t databitlen;

517      int LastByte, PadOnePosition;

519      switch (state->hashbitlen) {
520      case 224:
521      case 256:
522          LastByte = (int) state->unprocessed_bits >> 3;
523          PadOnePosition = 7 - (state->unprocessed_bits & 0x07);

```



```

524     hashState256(state)->LastPart[LastByte] =
525     hashState256(state)->
526     LastPart[LastByte] & (0xff << (PadOnePosition + 1))
527     ^ (0x01 << PadOnePosition);
528     data64 = (uint64_t *) hashState256(state)->LastPart;

530     if (state->unprocessed_bits < 448) {
531         my_memset((hashState256(state)->LastPart) + LastByte +
532                 1, 0x00, EdonR256_BLOCK_SIZE - LastByte - 9);
533         databitlen = EdonR256_BLOCK_SIZE * 8;
534         data64[7] =
535             state->bits_processed + state->unprocessed_bits;
536     } else {
537         my_memset((hashState256(state)->LastPart) + LastByte +
538                 1, 0x00, EdonR256_BLOCK_SIZE * 2 - LastByte - 9);
539         databitlen = EdonR256_BLOCK_SIZE * 16;
540         data64[15] =
541             state->bits_processed + state->unprocessed_bits;
542     }

544     data32 = (uint32_t *) hashState256(state)->LastPart;
545     p256 = hashState256(state)->DoublePipe;
546     while (databitlen >= EdonR256_BLOCK_SIZE * 8) {
547         databitlen -= EdonR256_BLOCK_SIZE * 8;

549         /* First row of quasigroup e-transformations */
550         Q256(data32[15], data32[14], data32[13], data32[12],
551             data32[11], data32[10], data32[9], data32[8],
552             data32[0], data32[1], data32[2], data32[3],
553             data32[4], data32[5], data32[6], data32[7], p16,
554             p17, p18, p19, p20, p21, p22, p23);
555         Q256(p16, p17, p18, p19, p20, p21, p22, p23, data32[8],
556             data32[9], data32[10], data32[11], data32[12],
557             data32[13], data32[14], data32[15], p24, p25, p26,
558             p27, p28, p29, p30, p31);

560         /* Second row of quasigroup e-transformations */
561         Q256(p256[8], p256[9], p256[10], p256[11], p256[12],
562             p256[13], p256[14], p256[15], p16, p17, p18, p19,
563             p20, p21, p22, p23, p16, p17, p18, p19, p20, p21,
564             p22, p23);
565         Q256(p16, p17, p18, p19, p20, p21, p22, p23, p24, p25,
566             p26, p27, p28, p29, p30, p31, p24, p25, p26, p27,
567             p28, p29, p30, p31);

569         /* Third row of quasigroup e-transformations */
570         Q256(p16, p17, p18, p19, p20, p21, p22, p23,
571             p256[0], p256[1], p256[2], p256[3], p256[4],
572             p256[5], p256[6], p256[7], p16, p17, p18, p19, p20,
573             p21, p22, p23);
574         Q256(p24, p25, p26, p27, p28, p29, p30, p31, p16, p17,
575             p18, p19, p20, p21, p22, p23, p24, p25, p26, p27,
576             p28, p29, p30, p31);

578         /* Fourth row of quasigroup e-transformations */
579         Q256(data32[7], data32[6], data32[5], data32[4],
580             data32[3], data32[2], data32[1], data32[0], p16,
581             p17, p18, p19, p20, p21, p22, p23, p256[0], p256[1],
582             p256[2], p256[3], p256[4], p256[5], p256[6],
583             p256[7]);
584         Q256(p256[0], p256[1], p256[2], p256[3], p256[4],
585             p256[5], p256[6], p256[7], p24, p25, p26, p27, p28,
586             p29, p30, p31, p256[8], p256[9], p256[10], p256[11],
587             p256[12], p256[13], p256[14], p256[15]);

```

```

590         data32 += 16;
591     }
592     break;

594     case 384:
595     case 512:
596         LastByte = (int) state->unprocessed_bits >> 3;
597         PadOnePosition = 7 - (state->unprocessed_bits & 0x07);
598         hashState512(state)->LastPart[LastByte] =
599             hashState512(state)->
600             LastPart[LastByte] & (0xff << (PadOnePosition + 1))
601             ^ (0x01 << PadOnePosition);
602         data64 = (uint64_t *) hashState512(state)->LastPart;

604         if (state->unprocessed_bits < 960) {
605             my_memset((hashState512(state)->LastPart) + LastByte +
606                     1, 0x00, EdonR512_BLOCK_SIZE - LastByte - 9);
607             databitlen = EdonR512_BLOCK_SIZE * 8;
608             data64[15] =
609                 state->bits_processed + state->unprocessed_bits;
610         } else {
611             my_memset((hashState512(state)->LastPart) + LastByte +
612                     1, 0x00, EdonR512_BLOCK_SIZE * 2 - LastByte - 9);
613             databitlen = EdonR512_BLOCK_SIZE * 16;
614             data64[31] =
615                 state->bits_processed + state->unprocessed_bits;
616         }

618         p512 = hashState512(state)->DoublePipe;
619         while (databitlen >= EdonR512_BLOCK_SIZE * 8) {
620             databitlen -= EdonR512_BLOCK_SIZE * 8;
621             /* First row of quasigroup e-transformations */
622             Q512(data64[15], data64[14], data64[13], data64[12],
623                 data64[11], data64[10], data64[9], data64[8],
624                 data64[0], data64[1], data64[2], data64[3],
625                 data64[4], data64[5], data64[6], data64[7], pp16,
626                 pp17, pp18, pp19, pp20, pp21, pp22, pp23);
627             Q512(pp16, pp17, pp18, pp19, pp20, pp21, pp22, pp23,
628                 data64[8], data64[9], data64[10], data64[11],
629                 data64[12], data64[13], data64[14], data64[15],
630                 pp24, pp25, pp26, pp27, pp28, pp29, pp30, pp31);

632             /* Second row of quasigroup e-transformations */
633             Q512(p512[8], p512[9], p512[10], p512[11], p512[12],
634                 p512[13], p512[14], p512[15], pp16, pp17, pp18,
635                 pp19, pp20, pp21, pp22, pp23, pp16, pp17, pp18,
636                 pp19, pp20, pp21, pp22, pp23);
637             Q512(pp16, pp17, pp18, pp19, pp20, pp21, pp22, pp23,
638                 pp24, pp25, pp26, pp27, pp28, pp29, pp30, pp31,
639                 pp24, pp25, pp26, pp27, pp28, pp29, pp30, pp31);

641             /* Third row of quasigroup e-transformations */
642             Q512(pp16, pp17, pp18, pp19, pp20, pp21, pp22, pp23,
643                 p512[0], p512[1], p512[2], p512[3], p512[4],
644                 p512[5], p512[6], p512[7], pp16, pp17, pp18, pp19,
645                 pp20, pp21, pp22, pp23);
646             Q512(pp24, pp25, pp26, pp27, pp28, pp29, pp30, pp31,
647                 pp16, pp17, pp18, pp19, pp20, pp21, pp22, pp23,
648                 pp24, pp25, pp26, pp27, pp28, pp29, pp30, pp31);

650             /* Fourth row of quasigroup e-transformations */
651             Q512(data64[7], data64[6], data64[5], data64[4],
652                 data64[3], data64[2], data64[1], data64[0], pp16,
653                 pp17, pp18, pp19, pp20, pp21, pp22, pp23, p512[0],
654                 p512[1], p512[2], p512[3], p512[4], p512[5],
655                 p512[6], p512[7]);

```

```
656         Q512(p512[0], p512[1], p512[2], p512[3], p512[4],
657             p512[5], p512[6], p512[7], pp24, pp25, pp26, pp27,
658             pp28, pp29, pp30, pp31, p512[8], p512[9], p512[10],
659             p512[11], p512[12], p512[13], p512[14], p512[15]);

661         data64 += 16;
662     }
663     break;
664 }

666     switch (state->hashbitlen) {
667     case 224:
668         memcpy(hashval, p256 + 9, EdonR224_DIGEST_SIZE);
669         break;
670     case 256:
671         memcpy(hashval, p256 + 8, EdonR256_DIGEST_SIZE);
672         break;
673     case 384:
674         memcpy(hashval, p512 + 10, EdonR384_DIGEST_SIZE);
675         break;
676     case 512:
677         memcpy(hashval, p512 + 8, EdonR512_DIGEST_SIZE);
678         break;
679     }
680 }

682 static void
683 EdonRHash(size_t hashbitlen, const uint8_t* data, size_t databitlen,
684           uint8_t *hashval)
685 {
686     EdonRHashState state;

688     EdonRInit(&state, hashbitlen);
689     EdonRUpdate(&state, data, databitlen);
690     EdonRFinal(&state, hashval);
691 }

693 void
694 zio_checksum_EdonR512_256(const void *buf, uint64_t size, zio_cksum_t *zcp)
695 {
696     uint8_t hash[EdonR512_DIGEST_SIZE];

698     EdonRHash(512, buf, size * 8, hash);
699     memcpy(&zcp->zc_word[0], &hash[000], sizeof (zcp->zc_word[0]));
700     memcpy(&zcp->zc_word[1], &hash[010], sizeof (zcp->zc_word[1]));
701     memcpy(&zcp->zc_word[2], &hash[020], sizeof (zcp->zc_word[2]));
702     memcpy(&zcp->zc_word[3], &hash[030], sizeof (zcp->zc_word[3]));
703 }

705 void
706 zio_checksum_EdonR512_256_byteswap(const void *buf, uint64_t size,
707                                   zio_cksum_t *zcp)
708 {
709     zio_checksum_EdonR512_256(buf, size, zcp);
710     zcp->zc_word[0] = BSWAP_64(zcp->zc_word[0]);
711     zcp->zc_word[1] = BSWAP_64(zcp->zc_word[1]);
712     zcp->zc_word[2] = BSWAP_64(zcp->zc_word[2]);
713     zcp->zc_word[3] = BSWAP_64(zcp->zc_word[3]);
714 }
```

new/usr/src/pkg/manifests/system-header.mf

1

```
*****
88400 Tue Feb 19 01:00:52 2013
new/usr/src/pkg/manifests/system-header.mf
Added edonr.h to system headers package.
*****
1 #
2 # CDDL HEADER START
3 #
4 # The contents of this file are subject to the terms of the
5 # Common Development and Distribution License (the "License").
6 # You may not use this file except in compliance with the License.
7 #
8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
11 # and limitations under the License.
12 #
13 # When distributing Covered Code, include this CDDL HEADER in each
14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
15 # If applicable, add the following below this CDDL HEADER, with the
16 # fields enclosed by brackets "[]" replaced with your own identifying
17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 #
23 # Copyright 2011 Nexenta Systems, Inc. All rights reserved.
24 # Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
25 # Copyright (c) 2012 by Delphix. All rights reserved.
26 #
27 #
28 set name=pkg.fmri value=pkg:/system/header@$(PKGVERS)
29 set name=pkg.description \
30 value="SunOS C/C++ header files for general development of software"
31 set name=pkg.summary value="SunOS Header Files"
32 set name=info.classification value=org.opensolaris.category.2008:System/Core
33 set name=variant.arch value=$(ARCH)
34 dir path=usr group=sys
35 dir path=usr/include
36 $(i386_ONLY)dir path=usr/include/$(ARCH64)
37 $(i386_ONLY)dir path=usr/include/$(ARCH64)/sys
38 dir path=usr/include/arpa
39 dir path=usr/include/asm
40 dir path=usr/include/ast
41 dir path=usr/include/bsm
42 dir path=usr/include/dat
43 dir path=usr/include/des
44 dir path=usr/include/gssapi
45 dir path=usr/include/hal
46 $(i386_ONLY)dir path=usr/include/ia32
47 $(i386_ONLY)dir path=usr/include/ia32/sys
48 dir path=usr/include/inet
49 dir path=usr/include/inet/kssl
50 dir path=usr/include/ipp
51 dir path=usr/include/ipp/ipgpc
52 dir path=usr/include/iso
53 dir path=usr/include/kerberosv5
54 dir path=usr/include/libpolkit
55 dir path=usr/include/net
56 dir path=usr/include/netinet
57 dir path=usr/include/nfs
58 dir path=usr/include/protocols
59 dir path=usr/include/rpc
60 dir path=usr/include/rpcsvc
61 dir path=usr/include/sasl
```

new/usr/src/pkg/manifests/system-header.mf

2

```
62 dir path=usr/include/scsi
63 dir path=usr/include/scsi/plugins
64 dir path=usr/include/scsi/plugins/ses
65 dir path=usr/include/scsi/plugins/ses/framework
66 dir path=usr/include/scsi/plugins/ses/vendor
67 dir path=usr/include/scsi/plugins/smp
68 dir path=usr/include/scsi/plugins/smp/engine
69 dir path=usr/include/scsi/plugins/smp/framework
70 dir path=usr/include/security
71 dir path=usr/include/sharefs
72 dir path=usr/include/sys
73 dir path=usr/include/sys/av
74 dir path=usr/include/sys/contract
75 dir path=usr/include/sys/crypto
76 dir path=usr/include/sys/dktp
77 dir path=usr/include/sys/fc4
78 dir path=usr/include/sys/fm
79 dir path=usr/include/sys/fm/cpu
80 dir path=usr/include/sys/fm/fs
81 dir path=usr/include/sys/fm/io
82 $(sparc_ONLY)dir path=usr/include/sys/fpu
83 dir path=usr/include/sys/fs
84 dir path=usr/include/sys/hotplug
85 dir path=usr/include/sys/hotplug/pci
86 dir path=usr/include/sys/ib
87 dir path=usr/include/sys/ib/adapters
88 dir path=usr/include/sys/ib/adapters/hermon
89 dir path=usr/include/sys/ib/adapters/tavor
90 dir path=usr/include/sys/ib/clients
91 dir path=usr/include/sys/ib/clients/ibd
92 dir path=usr/include/sys/ib/clients/of
93 dir path=usr/include/sys/ib/clients/of/rdma
94 dir path=usr/include/sys/ib/clients/of/sol_ofs
95 dir path=usr/include/sys/ib/clients/of/sol_ucma
96 dir path=usr/include/sys/ib/clients/of/sol_umad
97 dir path=usr/include/sys/ib/clients/of/sol_umverbs
98 dir path=usr/include/sys/ib/ibnexus
99 dir path=usr/include/sys/ib/ibt1
100 dir path=usr/include/sys/ib/ibt1/impl
101 dir path=usr/include/sys/ib/mgt
102 dir path=usr/include/sys/ib/mgt/ibmf
103 dir path=usr/include/sys/iso
104 dir path=usr/include/sys/lvm
105 dir path=usr/include/sys/pcmcia
106 dir path=usr/include/sys/proc
107 dir path=usr/include/sys/rsm
108 $(i386_ONLY)dir path=usr/include/sys/sata group=sys
109 dir path=usr/include/sys/scsi
110 dir path=usr/include/sys/scsi/adapters
111 dir path=usr/include/sys/scsi/conf
112 dir path=usr/include/sys/scsi/generic
113 dir path=usr/include/sys/scsi/impl
114 dir path=usr/include/sys/scsi/targets
115 dir path=usr/include/sys/sysevent
116 dir path=usr/include/sys/tsol
117 dir path=usr/include/tsol
118 dir path=usr/include/uuid
119 $(sparc_ONLY)dir path=usr/include/v7
120 $(sparc_ONLY)dir path=usr/include/v7/sys
121 $(sparc_ONLY)dir path=usr/include/v9
122 $(sparc_ONLY)dir path=usr/include/v9/sys
123 dir path=usr/include/vm
124 dir path=usr/platform group=sys
125 $(sparc_ONLY)dir path=usr/platform/SUNW,A70 group=sys
126 $(sparc_ONLY)dir path=usr/platform/SUNW,Netra-CP2300 group=sys
127 $(sparc_ONLY)dir path=usr/platform/SUNW,Netra-CP2300/include
```

```

128 $(sparc_ONLY)dir path=usr/platform/SUNW,Netra-CP3010 group=sys
129 $(sparc_ONLY)dir path=usr/platform/SUNW,Netra-CP3010/include
130 $(sparc_ONLY)dir path=usr/platform/SUNW,Netra-T12 group=sys
131 $(sparc_ONLY)dir path=usr/platform/SUNW,Netra-T4 group=sys
132 $(sparc_ONLY)dir path=usr/platform/SUNW,SPARC-Enterprise group=sys
133 $(sparc_ONLY)dir path=usr/platform/SUNW,Serverblade1 group=sys
134 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Blade-100 group=sys
135 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Blade-1000 group=sys
136 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Blade-1500 group=sys
137 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Blade-2500 group=sys
138 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Fire group=sys
139 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Fire-15000 group=sys
140 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Fire-280R group=sys
141 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Fire-480R group=sys
142 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Fire-880 group=sys
143 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Fire-V215 group=sys
144 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Fire-V240 group=sys
145 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Fire-V250 group=sys
146 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Fire-V440 group=sys
147 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Fire-V445 group=sys
148 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Fire-V490 group=sys
149 $(sparc_ONLY)dir path=usr/platform/SUNW,Sun-Fire-V890 group=sys
150 $(sparc_ONLY)dir path=usr/platform/SUNW,Ultra-2 group=sys
151 $(sparc_ONLY)dir path=usr/platform/SUNW,Ultra-250 group=sys
152 $(sparc_ONLY)dir path=usr/platform/SUNW,Ultra-4 group=sys
153 $(sparc_ONLY)dir path=usr/platform/SUNW,Ultra-Enterprise group=sys
154 $(sparc_ONLY)dir path=usr/platform/SUNW,Ultra-Enterprise-10000 group=sys
155 $(sparc_ONLY)dir path=usr/platform/SUNW,UltraSPARC-IIe-Netract-40 group=sys
156 $(sparc_ONLY)dir path=usr/platform/SUNW,UltraSPARC-IIe-Netract-60 group=sys
157 $(sparc_ONLY)dir path=usr/platform/SUNW,UltraSPARC-IIi-Netract group=sys
158 $(i386_ONLY)dir path=usr/platform/i86pc group=sys
159 $(i386_ONLY)dir path=usr/platform/i86pc/include
160 $(i386_ONLY)dir path=usr/platform/i86pc/include/sys
161 $(i386_ONLY)dir path=usr/platform/i86pc/include/vm
162 $(i386_ONLY)dir path=usr/platform/i86pc/include/vm
163 $(i386_ONLY)dir path=usr/platform/i86pc/include/vm
164 $(i386_ONLY)dir path=usr/platform/i86pc/include/vm
165 $(i386_ONLY)dir path=usr/platform/i86pc/include/vm
166 $(sparc_ONLY)dir path=usr/platform/sun4u group=sys
167 $(sparc_ONLY)dir path=usr/platform/sun4u/include
168 $(sparc_ONLY)dir path=usr/platform/sun4u/include/sys
169 $(sparc_ONLY)dir path=usr/platform/sun4u/include/sys/i2c
170 $(sparc_ONLY)dir path=usr/platform/sun4u/include/sys/i2c/clients
171 $(sparc_ONLY)dir path=usr/platform/sun4u/include/sys/i2c/misc
172 $(sparc_ONLY)dir path=usr/platform/sun4u/include/vm
173 $(sparc_ONLY)dir path=usr/platform/sun4v group=sys
174 $(sparc_ONLY)dir path=usr/platform/sun4v/include
175 $(sparc_ONLY)dir path=usr/platform/sun4v/include/sys
176 $(sparc_ONLY)dir path=usr/platform/sun4v/include/vm
177 dir path=usr/share
178 dir path=usr/share/man
179 dir path=usr/share/man/man3head
180 dir path=usr/share/man/man4
181 dir path=usr/share/man/man5
182 dir path=usr/share/man/man7i
183 dir path=usr/share/src group=sys
184 dir path=usr/share/src/uts
185 $(i386_ONLY)dir path=usr/share/src/uts/i86pc
186 $(i386_ONLY)dir path=usr/share/src/uts/i86pc
187 $(sparc_ONLY)dir path=usr/share/src/uts/sun4u
188 $(sparc_ONLY)dir path=usr/share/src/uts/sun4v
189 dir path=usr/xpg4
190 dir path=usr/xpg4/include
191 $(i386_ONLY)file path=usr/include/$(ARCH64)/sys/kdi_regs.h
192 $(i386_ONLY)file path=usr/include/$(ARCH64)/sys/privmregs.h
193 $(i386_ONLY)file path=usr/include/$(ARCH64)/sys/privregs.h

```

```

194 file path=usr/include/aio.h
195 file path=usr/include/alloca.h
196 file path=usr/include/apprtrace.h
197 file path=usr/include/apprtrace_impl.h
198 file path=usr/include/ar.h
199 file path=usr/include/archives.h
200 file path=usr/include/arpa/ftp.h
201 file path=usr/include/arpa/inet.h
202 file path=usr/include/arpa/nameser.h
203 file path=usr/include/arpa/nameser_compat.h
204 file path=usr/include/arpa/telnet.h
205 file path=usr/include/arpa/tftp.h
206 $(i386_ONLY)file path=usr/include/asm/atomic.h
207 $(i386_ONLY)file path=usr/include/asm/bitmap.h
208 $(i386_ONLY)file path=usr/include/asm/byteorder.h
209 $(i386_ONLY)file path=usr/include/asm/clock.h
210 $(i386_ONLY)file path=usr/include/asm/cpu.h
211 $(i386_ONLY)file path=usr/include/asm/cpuid.h
212 $(sparc_ONLY)file path=usr/include/asm/flush.h
213 $(i386_ONLY)file path=usr/include/asm/htable.h
214 $(i386_ONLY)file path=usr/include/asm/mmu.h
215 file path=usr/include/asm/sunddi.h
216 file path=usr/include/asm/thread.h
217 file path=usr/include/assert.h
218 file path=usr/include/ast/align.h
219 file path=usr/include/ast/ast.h
220 file path=usr/include/ast/ast_botch.h
221 file path=usr/include/ast/ast_ccode.h
222 file path=usr/include/ast/ast_common.h
223 file path=usr/include/ast/ast_dir.h
224 file path=usr/include/ast/ast_dirent.h
225 file path=usr/include/ast/ast_fcntl.h
226 file path=usr/include/ast/ast_float.h
227 file path=usr/include/ast/ast_fs.h
228 file path=usr/include/ast/ast_getopt.h
229 file path=usr/include/ast/ast_iconv.h
230 file path=usr/include/ast/ast_lib.h
231 file path=usr/include/ast/ast_limits.h
232 file path=usr/include/ast/ast_map.h
233 file path=usr/include/ast/ast_mmap.h
234 file path=usr/include/ast/ast_mode.h
235 file path=usr/include/ast/ast_namval.h
236 file path=usr/include/ast/ast_ndbm.h
237 file path=usr/include/ast/ast_nl_types.h
238 file path=usr/include/ast/ast_param.h
239 file path=usr/include/ast/ast_standards.h
240 file path=usr/include/ast/ast_std.h
241 file path=usr/include/ast/ast_stdio.h
242 file path=usr/include/ast/ast_sys.h
243 file path=usr/include/ast/ast_time.h
244 file path=usr/include/ast/ast_tty.h
245 file path=usr/include/ast/ast_version.h
246 file path=usr/include/ast/ast_vfork.h
247 file path=usr/include/ast/ast_wait.h
248 file path=usr/include/ast/ast_wchar.h
249 file path=usr/include/ast/ast_windows.h
250 file path=usr/include/ast/bytesex.h
251 file path=usr/include/ast/ccode.h
252 file path=usr/include/ast/cdt.h
253 file path=usr/include/ast/cmd.h
254 file path=usr/include/ast/cmdext.h
255 file path=usr/include/ast/debug.h
256 file path=usr/include/ast/dirent.h
257 file path=usr/include/ast/dlldefs.h
258 file path=usr/include/ast/dt.h
259 file path=usr/include/ast/endian.h

```

```

260 file path=usr/include/ast/error.h
261 file path=usr/include/ast/find.h
262 file path=usr/include/ast/fnmatch.h
263 file path=usr/include/ast/env.h
264 file path=usr/include/ast/fs3d.h
265 file path=usr/include/ast/fts.h
266 file path=usr/include/ast/ftw.h
267 file path=usr/include/ast/ftwalk.h
268 file path=usr/include/ast/getopt.h
269 file path=usr/include/ast/glob.h
270 file path=usr/include/ast/hash.h
271 file path=usr/include/ast/hashkey.h
272 file path=usr/include/ast/hashpart.h
273 file path=usr/include/ast/history.h
274 file path=usr/include/ast/iconv.h
275 file path=usr/include/ast/ip6.h
276 file path=usr/include/ast/lc.h
277 file path=usr/include/ast/ls.h
278 file path=usr/include/ast/magic.h
279 file path=usr/include/ast/magicid.h
280 file path=usr/include/ast/mc.h
281 file path=usr/include/ast/mime.h
282 file path=usr/include/ast/mnt.h
283 file path=usr/include/ast/modecanon.h
284 file path=usr/include/ast/modex.h
285 file path=usr/include/ast/namval.h
286 file path=usr/include/ast/nl_types.h
287 file path=usr/include/ast/nval.h
288 file path=usr/include/ast/option.h
289 file path=usr/include/ast/preroot.h
290 file path=usr/include/ast/proc.h
291 file path=usr/include/ast/prototyped.h
292 file path=usr/include/ast/re_comp.h
293 file path=usr/include/ast/recfmt.h
294 file path=usr/include/ast/regex.h
295 file path=usr/include/ast/regexp.h
296 file path=usr/include/ast/sfdisc.h
297 file path=usr/include/ast/sfio.h
298 file path=usr/include/ast/sfio_s.h
299 file path=usr/include/ast/sfio_t.h
300 file path=usr/include/ast/shcmd.h
301 file path=usr/include/ast/shell.h
302 file path=usr/include/ast/sig.h
303 file path=usr/include/ast/stack.h
304 file path=usr/include/ast/stak.h
305 file path=usr/include/ast/stdio.h
306 file path=usr/include/ast/stk.h
307 file path=usr/include/ast/sum.h
308 file path=usr/include/ast/swap.h
309 file path=usr/include/ast/tar.h
310 file path=usr/include/ast/times.h
311 file path=usr/include/ast/tm.h
312 file path=usr/include/ast/tmx.h
313 file path=usr/include/ast/tok.h
314 file path=usr/include/ast/tv.h
315 file path=usr/include/ast/usage.h
316 file path=usr/include/ast/vdb.h
317 file path=usr/include/ast/vecargs.h
318 file path=usr/include/ast/vmalloc.h
319 file path=usr/include/ast/wait.h
320 file path=usr/include/ast/wchar.h
321 file path=usr/include/ast/wordexp.h
322 file path=usr/include/atomic.h
323 file path=usr/include/attr.h
324 file path=usr/include/auth_attr.h
325 file path=usr/include/bsm/adt.h

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326 file path=usr/include/bsm/adt_event.h
327 file path=usr/include/bsm/audit.h
328 file path=usr/include/bsm/audit_kernel.h
329 file path=usr/include/bsm/audit_kevents.h
330 file path=usr/include/bsm/audit_record.h
331 file path=usr/include/bsm/audit_uevents.h
332 file path=usr/include/bsm/devices.h
333 file path=usr/include/bsm/libbsm.h
334 file path=usr/include/config_admin.h
335 file path=usr/include/cpio.h
336 file path=usr/include/crypt.h
337 file path=usr/include/cryptoutil.h
338 file path=usr/include/ctype.h
339 file path=usr/include/curses.h
340 file path=usr/include/dat/dat.h
341 file path=usr/include/dat/dat_error.h
342 file path=usr/include/dat/dat_platform_specific.h
343 file path=usr/include/dat/dat_redirection.h
344 file path=usr/include/dat/dat_registry.h
345 file path=usr/include/dat/dat_vendor_specific.h
346 file path=usr/include/dat/udat.h
347 file path=usr/include/dat/udat_config.h
348 file path=usr/include/dat/udat_redirection.h
349 file path=usr/include/dat/udat_vendor_specific.h
350 file path=usr/include/default.h
351 file path=usr/include/des/des.h
352 file path=usr/include/des/desdata.h
353 file path=usr/include/des/softdes.h
354 file path=usr/include/device_info.h
355 file path=usr/include/devid.h
356 file path=usr/include/devmgmt.h
357 file path=usr/include/devpoll.h
358 file path=usr/include/dial.h
359 file path=usr/include/dirent.h
360 file path=usr/include/dlfcn.h
361 file path=usr/include/door.h
362 file path=usr/include/elf.h
363 file path=usr/include/err.h
364 file path=usr/include/errno.h
365 file path=usr/include/eti.h
366 file path=usr/include/euc.h
367 file path=usr/include/exacct.h
368 file path=usr/include/exacct_impl.h
369 file path=usr/include/exec_attr.h
370 file path=usr/include/execinfo.h
371 file path=usr/include/fatal.h
372 file path=usr/include/fcntl.h
373 file path=usr/include/float.h
374 file path=usr/include/fmtmsg.h
375 file path=usr/include/fnmatch.h
376 file path=usr/include/form.h
377 file path=usr/include/ftw.h
378 file path=usr/include/gelf.h
379 file path=usr/include/getopt.h
380 file path=usr/include/getwidth.h
381 file path=usr/include/glob.h
382 file path=usr/include/grp.h
383 file path=usr/include/gssapi/gssapi.h
384 file path=usr/include/gssapi/gssapi_ext.h
385 file path=usr/include/hal/libhal-storage.h
386 file path=usr/include/hal/libhal.h
387 $(i386_ONLY)file path=usr/include/ia32/sys/asm_linkage.h
388 $(i386_ONLY)file path=usr/include/ia32/sys/kdi_regs.h
389 $(i386_ONLY)file path=usr/include/ia32/sys/machtypes.h
390 $(i386_ONLY)file path=usr/include/ia32/sys/privmregs.h
391 $(i386_ONLY)file path=usr/include/ia32/sys/privregs.h

```

```
392 $(i386_ONLY)file path=usr/include/ia32/sys/psw.h
393 $(i386_ONLY)file path=usr/include/ia32/sys/pte.h
394 $(i386_ONLY)file path=usr/include/ia32/sys/reg.h
395 $(i386_ONLY)file path=usr/include/ia32/sys/stack.h
396 $(i386_ONLY)file path=usr/include/ia32/sys/trap.h
397 $(i386_ONLY)file path=usr/include/ia32/sys/traptrace.h
398 file path=usr/include/iconv.h
399 file path=usr/include/idmap.h
400 file path=usr/include/ieee754.h
401 file path=usr/include/ifaddrs.h
402 file path=usr/include/inet/arp.h
403 file path=usr/include/inet/common.h
404 file path=usr/include/inet/ip.h
405 file path=usr/include/inet/ip6.h
406 file path=usr/include/inet/ip6_asp.h
407 file path=usr/include/inet/ip_arp.h
408 file path=usr/include/inet/ip_ftable.h
409 file path=usr/include/inet/ip_if.h
410 file path=usr/include/inet/ip_ire.h
411 file path=usr/include/inet/ip_multi.h
412 file path=usr/include/inet/ip_netinfo.h
413 file path=usr/include/inet/ip_rts.h
414 file path=usr/include/inet/ip_stack.h
415 file path=usr/include/inet/ipclassifier.h
416 file path=usr/include/inet/ipdrop.h
417 file path=usr/include/inet/ipnet.h
418 file path=usr/include/inet/ipp_common.h
419 file path=usr/include/inet/ksl/kslapi.h
420 file path=usr/include/inet/led.h
421 file path=usr/include/inet/mi.h
422 file path=usr/include/inet/mib2.h
423 file path=usr/include/inet/nd.h
424 file path=usr/include/inet/optcom.h
425 file path=usr/include/inet/sctp_itf.h
426 file path=usr/include/inet/snmpcom.h
427 file path=usr/include/inet/tcp.h
428 file path=usr/include/inet/tcp_sack.h
429 file path=usr/include/inet/tcp_stack.h
430 file path=usr/include/inet/tcp_stats.h
431 file path=usr/include/inet/tunables.h
432 file path=usr/include/inet/wifi_ioctl.h
433 file path=usr/include/inttypes.h
434 file path=usr/include/ipmp.h
435 file path=usr/include/ipmp_admin.h
436 file path=usr/include/ipmp_mpathd.h
437 file path=usr/include/ipmp_query.h
438 file path=usr/include/ipp/ipgpc/ipgpc.h
439 file path=usr/include/ipp/ipp.h
440 file path=usr/include/ipp/ipp_config.h
441 file path=usr/include/ipp/ipp_impl.h
442 file path=usr/include/ipp/ippctl.h
443 file path=usr/include/iso/ctype_c99.h
444 file path=usr/include/iso/ctype_iso.h
445 file path=usr/include/iso/limits_iso.h
446 file path=usr/include/iso/locale_iso.h
447 file path=usr/include/iso/setjmp_iso.h
448 file path=usr/include/iso/signal_iso.h
449 file path=usr/include/iso/stdarg_c99.h
450 file path=usr/include/iso/stdarg_iso.h
451 file path=usr/include/iso/stddef_iso.h
452 file path=usr/include/iso/stdio_c99.h
453 file path=usr/include/iso/stdio_iso.h
454 file path=usr/include/iso/stdlib_c99.h
455 file path=usr/include/iso/stdlib_iso.h
456 file path=usr/include/iso/string_iso.h
457 file path=usr/include/iso/time_iso.h
```

```
458 file path=usr/include/iso/wchar_c99.h
459 file path=usr/include/iso/wchar_iso.h
460 file path=usr/include/iso/wctype_c99.h
461 file path=usr/include/iso/wctype_iso.h
462 file path=usr/include/iso646.h
463 file path=usr/include/kerberos5/com_err.h
464 file path=usr/include/kerberos5/krb5.h
465 file path=usr/include/kerberos5/mit-sipb-copyright.h
466 file path=usr/include/kerberos5/mit_copyright.h
467 file path=usr/include/klpd.h
468 file path=usr/include/kmfapi.h
469 file path=usr/include/kmftypes.h
470 file path=usr/include/kstat.h
471 file path=usr/include/kvm.h
472 file path=usr/include/langinfo.h
473 file path=usr/include/lastlog.h
474 file path=usr/include/lber.h
475 file path=usr/include/ldap.h
476 file path=usr/include/libcontract.h
477 file path=usr/include/libctf.h
478 file path=usr/include/libdevice.h
479 file path=usr/include/libdevinfo.h
480 file path=usr/include/libdladm.h
481 file path=usr/include/libdlbridge.h
482 file path=usr/include/libdlib.h
483 file path=usr/include/libdllink.h
484 file path=usr/include/libdmpi.h
485 file path=usr/include/libdvlvlan.h
486 file path=usr/include/libelf.h
487 $(i386_ONLY)file path=usr/include/libfdisk.h
488 file path=usr/include/libfstyp.h
489 file path=usr/include/libfstyp_module.h
490 file path=usr/include/libgen.h
491 file path=usr/include/libgrubmgmt.h
492 file path=usr/include/libintl.h
493 file path=usr/include/libipmi.h
494 file path=usr/include/libipp.h
495 file path=usr/include/libnvpair.h
496 file path=usr/include/libnwm.h
497 file path=usr/include/libpolkit/libpolkit.h
498 file path=usr/include/librcm.h
499 file path=usr/include/libscf.h
500 file path=usr/include/libscf_priv.h
501 file path=usr/include/libshare.h
502 file path=usr/include/libsvm.h
503 file path=usr/include/libsysevent.h
504 file path=usr/include/libsysevent_impl.h
505 file path=usr/include/libtsnet.h
506 $(sparc_ONLY)file path=usr/include/libv12n.h
507 file path=usr/include/libw.h
508 file path=usr/include/libzfs.h
509 file path=usr/include/libzfs_core.h
510 file path=usr/include/libzoneinfo.h
511 file path=usr/include/limits.h
512 file path=usr/include/linenum.h
513 file path=usr/include/link.h
514 file path=usr/include/listen.h
515 file path=usr/include/locale.h
516 file path=usr/include/macros.h
517 file path=usr/include/maillock.h
518 file path=usr/include/malloc.h
519 file path=usr/include/md4.h
520 file path=usr/include/md5.h
521 file path=usr/include/mdiox.h
522 file path=usr/include/mdm_changelog.h
523 file path=usr/include/memory.h
```

```

524 file path=usr/include/menu.h
525 file path=usr/include/meta.h
526 file path=usr/include/meta_basic.h
527 file path=usr/include/meta_runtime.h
528 file path=usr/include/metacl.h
529 file path=usr/include/metad.h
530 file path=usr/include/metadyn.h
531 file path=usr/include/metamed.h
532 file path=usr/include/metamhd.h
533 file path=usr/include/mhdx.h
534 file path=usr/include/mon.h
535 file path=usr/include/monetary.h
536 file path=usr/include/mp.h
537 file path=usr/include/mqueue.h
538 file path=usr/include/mtmalloc.h
539 file path=usr/include/nan.h
540 file path=usr/include/ndbm.h
541 file path=usr/include/ndpd.h
542 file path=usr/include/net/af.h
543 file path=usr/include/net/bridge.h
544 file path=usr/include/net/if.h
545 file path=usr/include/net/if_arp.h
546 file path=usr/include/net/if_dl.h
547 file path=usr/include/net/if_types.h
548 file path=usr/include/net/pfkeyv2.h
549 file path=usr/include/net/pfpolicy.h
550 file path=usr/include/net/ppp-comp.h
551 file path=usr/include/net/ppp-defs.h
552 file path=usr/include/net/pppio.h
553 file path=usr/include/net/radix.h
554 file path=usr/include/net/route.h
555 file path=usr/include/net/trill.h
556 file path=usr/include/net/vjcompress.h
557 file path=usr/include/netconfig.h
558 file path=usr/include/netdb.h
559 file path=usr/include/netdir.h
560 file path=usr/include/netinet/arp.h
561 file path=usr/include/netinet/dhcp.h
562 file path=usr/include/netinet/dhcp6.h
563 file path=usr/include/netinet/icmp6.h
564 file path=usr/include/netinet/icmp_var.h
565 file path=usr/include/netinet/if_ether.h
566 file path=usr/include/netinet/igmp.h
567 file path=usr/include/netinet/igmp_var.h
568 file path=usr/include/netinet/in.h
569 file path=usr/include/netinet/in_pcb.h
570 file path=usr/include/netinet/in_system.h
571 file path=usr/include/netinet/in_var.h
572 file path=usr/include/netinet/ip.h
573 file path=usr/include/netinet/ip6.h
574 file path=usr/include/netinet/ip_icmp.h
575 file path=usr/include/netinet/ip_mroute.h
576 file path=usr/include/netinet/ip_var.h
577 file path=usr/include/netinet/pim.h
578 file path=usr/include/netinet/sctp.h
579 file path=usr/include/netinet/tcp.h
580 file path=usr/include/netinet/tcp_debug.h
581 file path=usr/include/netinet/tcp_fsm.h
582 file path=usr/include/netinet/tcp_seq.h
583 file path=usr/include/netinet/tcp_timer.h
584 file path=usr/include/netinet/tcp_var.h
585 file path=usr/include/netinet/tcpip.h
586 file path=usr/include/netinet/udp.h
587 file path=usr/include/netinet/udp_var.h
588 file path=usr/include/netinet/vrrp.h
589 file path=usr/include/nfs/auth.h

```

```

590 file path=usr/include/nfs/export.h
591 file path=usr/include/nfs/lm.h
592 file path=usr/include/nfs/mapid.h
593 file path=usr/include/nfs/mount.h
594 file path=usr/include/nfs/nfs.h
595 file path=usr/include/nfs/nfs4.h
596 file path=usr/include/nfs/nfs4_attr.h
597 file path=usr/include/nfs/nfs4_clnt.h
598 file path=usr/include/nfs/nfs4_db_impl.h
599 file path=usr/include/nfs/nfs4_idmap_impl.h
600 file path=usr/include/nfs/nfs4_kprot.h
601 file path=usr/include/nfs/nfs_acl.h
602 file path=usr/include/nfs/nfs_clnt.h
603 file path=usr/include/nfs/nfs_cmd.h
604 file path=usr/include/nfs/nfs_log.h
605 file path=usr/include/nfs/nfs_sec.h
606 file path=usr/include/nfs/nfsid_map.h
607 file path=usr/include/nfs/nfssys.h
608 file path=usr/include/nfs/rnode.h
609 file path=usr/include/nfs/rnode4.h
610 file path=usr/include/nl_types.h
611 file path=usr/include/nlist.h
612 file path=usr/include/note.h
613 file path=usr/include/nss_common.h
614 file path=usr/include/nss_dbdefs.h
615 file path=usr/include/nss_netdir.h
616 file path=usr/include/nsswitch.h
617 file path=usr/include/panel.h
618 file path=usr/include/paths.h
619 file path=usr/include/pcsample.h
620 file path=usr/include/pfmt.h
621 file path=usr/include/pkgdev.h
622 file path=usr/include/pkginfo.h
623 file path=usr/include/pkglocs.h
624 file path=usr/include/pkgstrct.h
625 file path=usr/include/pkgstrans.h
626 file path=usr/include/poll.h
627 file path=usr/include/port.h
628 file path=usr/include/priv.h
629 file path=usr/include/proc_service.h
630 file path=usr/include/procfs.h
631 file path=usr/include/prof.h
632 file path=usr/include/prof_attr.h
633 file path=usr/include/project.h
634 file path=usr/include/protocols/dumprestore.h
635 file path=usr/include/protocols/routed.h
636 file path=usr/include/protocols/rwhod.h
637 file path=usr/include/protocols/timed.h
638 file path=usr/include/pthread.h
639 file path=usr/include/pw.h
640 file path=usr/include/pwd.h
641 file path=usr/include/rcm_module.h
642 file path=usr/include/rctl.h
643 file path=usr/include/re_comp.h
644 file path=usr/include/regex.h
645 file path=usr/include/regexp.h
646 file path=usr/include/regexpr.h
647 file path=usr/include/resolv.h
648 file path=usr/include/rje.h
649 file path=usr/include/rp_plugin.h
650 file path=usr/include/rpc/auth.h
651 file path=usr/include/rpc/auth_des.h
652 file path=usr/include/rpc/auth_sys.h
653 file path=usr/include/rpc/auth_unix.h
654 file path=usr/include/rpc/bootparam.h
655 file path=usr/include/rpc/clnt.h

```

```

656 file path=usr/include/rpc/clnt_soc.h
657 file path=usr/include/rpc/clnt_stat.h
658 file path=usr/include/rpc/des_crypt.h
659 $(sparc_ONLY)file path=usr/include/rpc/ib.h
660 file path=usr/include/rpc/key_prot.h
661 file path=usr/include/rpc/nettype.h
662 file path=usr/include/rpc/pmap_clnt.h
663 file path=usr/include/rpc/pmap_prot.h
664 file path=usr/include/rpc/pmap_prot.x
665 file path=usr/include/rpc/pmap_rmt.h
666 file path=usr/include/rpc/raw.h
667 file path=usr/include/rpc/rpc.h
668 file path=usr/include/rpc/rpc_com.h
669 file path=usr/include/rpc/rpc_msg.h
670 file path=usr/include/rpc/rpc_rdma.h
671 file path=usr/include/rpc/rpc_sztypes.h
672 file path=usr/include/rpc/rpcb_clnt.h
673 file path=usr/include/rpc/rpcb_prot.h
674 file path=usr/include/rpc/rpcb_prot.x
675 file path=usr/include/rpc/rpcent.h
676 file path=usr/include/rpc/rpcsec_gss.h
677 file path=usr/include/rpc/rpcsys.h
678 file path=usr/include/rpc/svc.h
679 file path=usr/include/rpc/svc_auth.h
680 file path=usr/include/rpc/svc_mt.h
681 file path=usr/include/rpc/svc_soc.h
682 file path=usr/include/rpc/types.h
683 file path=usr/include/rpc/xdr.h
684 file path=usr/include/rpcsvc/autofs_prot.h
685 file path=usr/include/rpcsvc/autofs_prot.x
686 file path=usr/include/rpcsvc/bootparam.h
687 file path=usr/include/rpcsvc/bootparam_prot.h
688 file path=usr/include/rpcsvc/bootparam_prot.x
689 file path=usr/include/rpcsvc/dbm.h
690 file path=usr/include/rpcsvc/key_prot.x
691 file path=usr/include/rpcsvc/mount.h
692 file path=usr/include/rpcsvc/mount.x
693 file path=usr/include/rpcsvc/nfs4_prot.h
694 file path=usr/include/rpcsvc/nfs4_prot.x
695 file path=usr/include/rpcsvc/nfs_acl.h
696 file path=usr/include/rpcsvc/nfs_acl.x
697 file path=usr/include/rpcsvc/nfs_prot.h
698 file path=usr/include/rpcsvc/nfs_prot.x
699 file path=usr/include/rpcsvc/nis.h
700 file path=usr/include/rpcsvc/nis.x
701 file path=usr/include/rpcsvc/nis_db.h
702 file path=usr/include/rpcsvc/nis_object.x
703 file path=usr/include/rpcsvc/nislib.h
704 file path=usr/include/rpcsvc/nlm_prot.h
705 file path=usr/include/rpcsvc/nlm_prot.x
706 file path=usr/include/rpcsvc/nsm_addr.h
707 file path=usr/include/rpcsvc/nsm_addr.x
708 file path=usr/include/rpcsvc/rex.h
709 file path=usr/include/rpcsvc/rex.x
710 file path=usr/include/rpcsvc/rpc_sztypes.h
711 file path=usr/include/rpcsvc/rpc_sztypes.x
712 file path=usr/include/rpcsvc/rquota.h
713 file path=usr/include/rpcsvc/rquota.x
714 file path=usr/include/rpcsvc/rstat.h
715 file path=usr/include/rpcsvc/rstat.x
716 file path=usr/include/rpcsvc/rusers.h
717 file path=usr/include/rpcsvc/rusers.x
718 file path=usr/include/rpcsvc/rwall.h
719 file path=usr/include/rpcsvc/rwall.x
720 file path=usr/include/rpcsvc/sm_inter.h
721 file path=usr/include/rpcsvc/sm_inter.x

```

```

722 file path=usr/include/rpcsvc/spray.h
723 file path=usr/include/rpcsvc/spray.x
724 file path=usr/include/rpcsvc/ufs_prot.h
725 file path=usr/include/rpcsvc/ufs_prot.x
726 file path=usr/include/rpcsvc/yp.x
727 file path=usr/include/rpcsvc/yp_prot.h
728 file path=usr/include/rpcsvc/ypclnt.h
729 file path=usr/include/rpcsvc/yppasswd.h
730 file path=usr/include/rpcsvc/ypupd.h
731 file path=usr/include/rsmapi.h
732 file path=usr/include/rtld_db.h
733 file path=usr/include/sac.h
734 file path=usr/include/sasl/prop.h
735 file path=usr/include/sasl/sasl.h
736 file path=usr/include/sasl/saslplug.h
737 file path=usr/include/sasl/saslutil.h
738 file path=usr/include/sched.h
739 file path=usr/include/schedctl.h
740 file path=usr/include/scsi/libscsi.h
741 file path=usr/include/scsi/libses.h
742 file path=usr/include/scsi/libses_plugin.h
743 file path=usr/include/scsi/libsm.h
744 file path=usr/include/scsi/libsm_plugin.h
745 file path=usr/include/scsi/plugins/ses/framework/libses.h
746 file path=usr/include/scsi/plugins/ses/framework/ses2.h
747 file path=usr/include/scsi/plugins/ses/framework/ses2_impl.h
748 file path=usr/include/scsi/plugins/ses/vendor/sun.h
749 file path=usr/include/sdp.h
750 file path=usr/include/search.h
751 file path=usr/include/secdb.h
752 file path=usr/include/security/auditd.h
753 file path=usr/include/security/cryptoki.h
754 file path=usr/include/security/pam_appl.h
755 file path=usr/include/security/pam_modules.h
756 file path=usr/include/security/pkcs11.h
757 file path=usr/include/security/pkcs11f.h
758 file path=usr/include/security/pkcs11t.h
759 file path=usr/include/semaphore.h
760 file path=usr/include/setjmp.h
761 file path=usr/include/sgtty.h
762 file path=usr/include/sha1.h
763 file path=usr/include/sha2.h
764 file path=usr/include/shadow.h
765 file path=usr/include/sharefs/share.h
766 file path=usr/include/sharefs/sharefs.h
767 file path=usr/include/sharefs/sharet.h
768 file path=usr/include/signinfo.h
769 file path=usr/include/signal.h
770 file path=usr/include/sip.h
771 file path=usr/include/smbios.h
772 file path=usr/include/spawn.h
773 $(i386_ONLY)file path=usr/include/stack_unwind.h
774 file path=usr/include/stdarg.h
775 file path=usr/include/stdbool.h
776 file path=usr/include/stddef.h
777 file path=usr/include/stdint.h
778 file path=usr/include/stdio.h
779 file path=usr/include/stdio_ext.h
780 file path=usr/include/stdio_impl.h
781 file path=usr/include/stdio_tag.h
782 file path=usr/include/stdlib.h
783 file path=usr/include/storclass.h
784 file path=usr/include/string.h
785 file path=usr/include/strings.h
786 file path=usr/include/stropts.h
787 file path=usr/include/syms.h

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```

788 file path=usr/include/synch.h
789 file path=usr/include/sys/acct.h
790 file path=usr/include/sys/acctctl.h
791 file path=usr/include/sys/acl.h
792 file path=usr/include/sys/acl_impl.h
793 file path=usr/include/sys/acpi_drv.h
794 file path=usr/include/sys/aio.h
795 file path=usr/include/sys/aio_impl.h
796 file path=usr/include/sys/aio_req.h
797 file path=usr/include/sys/aioch.h
798 file path=usr/include/sys/archsystem.h
799 file path=usr/include/sys/ascii.h
800 file path=usr/include/sys/asm_linkage.h
801 file path=usr/include/sys/asynch.h
802 file path=usr/include/sys/atomic.h
803 file path=usr/include/sys/attr.h
804 file path=usr/include/sys/autoconf.h
805 file path=usr/include/sys/auxv.h
806 file path=usr/include/sys/auxv_386.h
807 file path=usr/include/sys/auxv_SPARC.h
808 file path=usr/include/sys/av/iec61883.h
809 file path=usr/include/sys/avintr.h
810 file path=usr/include/sys/avl.h
811 file path=usr/include/sys/avl_impl.h
812 file path=usr/include/sys/bitmap.h
813 file path=usr/include/sys/bitset.h
814 file path=usr/include/sys/bl.h
815 file path=usr/include/sys/blkdev.h
816 file path=usr/include/sys/bofi.h
817 file path=usr/include/sys/bofi_impl.h
818 file path=usr/include/sys/bootconf.h
819 file path=usr/include/sys/bootregs.h
820 file path=usr/include/sys/bootstat.h
821 file path=usr/include/sys/bootsvcs.h
822 file path=usr/include/sys/bpp_io.h
823 file path=usr/include/sys/brand.h
824 file path=usr/include/sys/buf.h
825 file path=usr/include/sys/bufmod.h
826 file path=usr/include/sys/bustypes.h
827 file path=usr/include/sys/bytorder.h
828 file path=usr/include/sys/callb.h
829 file path=usr/include/sys/callo.h
830 file path=usr/include/sys/cap_util.h
831 file path=usr/include/sys/ccompile.h
832 file path=usr/include/sys/cdio.h
833 file path=usr/include/sys/cis.h
834 file path=usr/include/sys/cis_handlers.h
835 file path=usr/include/sys/cis_protos.h
836 file path=usr/include/sys/cladm.h
837 file path=usr/include/sys/class.h
838 file path=usr/include/sys/clconf.h
839 file path=usr/include/sys/cmlb.h
840 file path=usr/include/sys/cmn_err.h
841 file path=usr/include/sys/cmpregs.h
842 file path=usr/include/sys/compress.h
843 file path=usr/include/sys/condvar.h
844 file path=usr/include/sys/condvar_impl.h
845 file path=usr/include/sys/conf.h
846 file path=usr/include/sys/consdev.h
847 file path=usr/include/sys/console.h
848 file path=usr/include/sys/consplat.h
849 file path=usr/include/sys/contract.h
850 file path=usr/include/sys/contract/device.h
851 file path=usr/include/sys/contract/device_impl.h
852 file path=usr/include/sys/contract/process.h
853 file path=usr/include/sys/contract/process_impl.h

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854 file path=usr/include/sys/contract_impl.h
855 file path=usr/include/sys/controlregs.h
856 file path=usr/include/sys/copyops.h
857 file path=usr/include/sys/core.h
858 file path=usr/include/sys/corectl.h
859 file path=usr/include/sys/cpc_impl.h
860 file path=usr/include/sys/cpc_pcbe.h
861 file path=usr/include/sys/cpr.h
862 file path=usr/include/sys/cpu.h
863 file path=usr/include/sys/cpucaps.h
864 file path=usr/include/sys/cpucaps_impl.h
865 file path=usr/include/sys/cpupart.h
866 file path=usr/include/sys/cpuvar.h
867 file path=usr/include/sys/crc32.h
868 file path=usr/include/sys/cred.h
869 file path=usr/include/sys/cred_impl.h
870 file path=usr/include/sys/crtctl.h
871 file path=usr/include/sys/crypto/api.h
872 file path=usr/include/sys/crypto/common.h
873 file path=usr/include/sys/crypto/ioctl.h
874 file path=usr/include/sys/crypto/ioctladmin.h
875 file path=usr/include/sys/crypto/spi.h
876 file path=usr/include/sys/cs.h
877 file path=usr/include/sys/cs_priv.h
878 file path=usr/include/sys/cs_strings.h
879 file path=usr/include/sys/cs_stubs.h
880 file path=usr/include/sys/cs_types.h
881 file path=usr/include/sys/csioctl.h
882 file path=usr/include/sys/ctf.h
883 file path=usr/include/sys/ctf_api.h
884 file path=usr/include/sys/ctfs.h
885 file path=usr/include/sys/ctfs_impl.h
886 file path=usr/include/sys/ctype.h
887 file path=usr/include/sys/cyclic.h
888 file path=usr/include/sys/cyclic_impl.h
889 file path=usr/include/sys/dacf.h
890 file path=usr/include/sys/dacf_impl.h
891 file path=usr/include/sys/damap.h
892 file path=usr/include/sys/damap_impl.h
893 file path=usr/include/sys/dc_ki.h
894 file path=usr/include/sys/ddi.h
895 file path=usr/include/sys/ddi_hp.h
896 file path=usr/include/sys/ddi_hp_impl.h
897 file path=usr/include/sys/ddi_impldefs.h
898 file path=usr/include/sys/ddi_implfuncs.h
899 file path=usr/include/sys/ddi_intr.h
900 file path=usr/include/sys/ddi_intr_impl.h
901 file path=usr/include/sys/ddi_isa.h
902 file path=usr/include/sys/ddi_obsolete.h
903 file path=usr/include/sys/ddi_timer.h
904 file path=usr/include/sys/ddidevmap.h
905 file path=usr/include/sys/ddidmareq.h
906 file path=usr/include/sys/ddifm.h
907 file path=usr/include/sys/ddifm_impl.h
908 file path=usr/include/sys/ddimapreq.h
909 file path=usr/include/sys/ddipropdefs.h
910 file path=usr/include/sys/dditypes.h
911 file path=usr/include/sys/debug.h
912 file path=usr/include/sys/debugreg.h
913 file path=usr/include/sys/des.h
914 file path=usr/include/sys/devcache.h
915 file path=usr/include/sys/devcache_impl.h
916 file path=usr/include/sys/devctl.h
917 file path=usr/include/sys/devfm.h
918 file path=usr/include/sys/devid_cache.h
919 file path=usr/include/sys/devinfo_impl.h

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920 file path=usr/include/sys/devops.h
921 file path=usr/include/sys/devpolicy.h
922 file path=usr/include/sys/devpoll.h
923 file path=usr/include/sys/dirent.h
924 file path=usr/include/sys/disp.h
925 file path=usr/include/sys/dkbad.h
926 file path=usr/include/sys/dkio.h
927 file path=usr/include/sys/dklabel.h
928 $(sparc_ONLY)file path=usr/include/sys/dkmpio.h
929 $(i386_ONLY)file path=usr/include/sys/dktp/altctr.h
930 $(i386_ONLY)file path=usr/include/sys/dktp/cmpkt.h
931 file path=usr/include/sys/dktp/dadkio.h
932 file path=usr/include/sys/dktp/fdisk.h
933 file path=usr/include/sys/dl.h
934 file path=usr/include/sys/dld.h
935 file path=usr/include/sys/dlpi.h
936 file path=usr/include/sys/dls_mgmt.h
937 $(i386_ONLY)file path=usr/include/sys/dma_engine.h
938 file path=usr/include/sys/dma_i8237A.h
939 file path=usr/include/sys/dnlc.h
940 file path=usr/include/sys/door.h
941 file path=usr/include/sys/door_data.h
942 file path=usr/include/sys/door_impl.h
943 file path=usr/include/sys/dumphdr.h
944 file path=usr/include/sys/ecppio.h
945 file path=usr/include/sys/ecppreg.h
946 file path=usr/include/sys/ecppsys.h
947 file path=usr/include/sys/ecppvar.h
948 file path=usr/include/sys/edonr.h
949 file path=usr/include/sys/efi_partition.h
950 file path=usr/include/sys/elf.h
951 file path=usr/include/sys/elf_386.h
952 file path=usr/include/sys/elf_SPARC.h
953 file path=usr/include/sys/elf_amd64.h
954 file path=usr/include/sys/elf_notes.h
955 file path=usr/include/sys/elftypes.h
956 file path=usr/include/sys/epm.h
957 file path=usr/include/sys/errno.h
958 file path=usr/include/sys/errorq.h
959 file path=usr/include/sys/errorq_impl.h
960 file path=usr/include/sys/esunddi.h
961 file path=usr/include/sys/ethernet.h
962 file path=usr/include/sys/euc.h
963 file path=usr/include/sys/eucioctl.h
964 file path=usr/include/sys/exacct.h
965 file path=usr/include/sys/exacct_catalog.h
966 file path=usr/include/sys/exacct_impl.h
967 file path=usr/include/sys/exec.h
968 file path=usr/include/sys/exechdr.h
969 file path=usr/include/sys/fault.h
970 file path=usr/include/sys/fbio.h
971 file path=usr/include/sys/fbuf.h
972 file path=usr/include/sys/fc4/fc.h
973 file path=usr/include/sys/fc4/fc_transport.h
974 file path=usr/include/sys/fc4/fcal.h
975 file path=usr/include/sys/fc4/fcal_linkapp.h
976 file path=usr/include/sys/fc4/fcal_transport.h
977 file path=usr/include/sys/fc4/fcio.h
978 file path=usr/include/sys/fc4/fcp.h
979 file path=usr/include/sys/fc4/linkapp.h
980 file path=usr/include/sys/fcntl.h
981 file path=usr/include/sys/fdbuffer.h
982 file path=usr/include/sys/fdio.h
983 $(sparc_ONLY)file path=usr/include/sys/fdreg.h
984 $(sparc_ONLY)file path=usr/include/sys/fdvar.h
985 file path=usr/include/sys/feature_tests.h

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986 file path=usr/include/sys/fem.h
987 file path=usr/include/sys/file.h
988 file path=usr/include/sys/filio.h
989 file path=usr/include/sys/flock.h
990 file path=usr/include/sys/flock_impl.h
991 $(sparc_ONLY)file path=usr/include/sys/fm/cpu/SPARC64-VI.h
992 $(sparc_ONLY)file path=usr/include/sys/fm/cpu/UltraSPARC-II.h
993 $(sparc_ONLY)file path=usr/include/sys/fm/cpu/UltraSPARC-III.h
994 $(sparc_ONLY)file path=usr/include/sys/fm/cpu/UltraSPARC-T1.h
995 file path=usr/include/sys/fm/fs/zfs.h
996 file path=usr/include/sys/fm/io/ddi.h
997 file path=usr/include/sys/fm/io/disk.h
998 file path=usr/include/sys/fm/io/opl_mc_fm.h
999 file path=usr/include/sys/fm/io/pci.h
1000 file path=usr/include/sys/fm/io/scsi.h
1001 file path=usr/include/sys/fm/io/sun4upci.h
1002 file path=usr/include/sys/fm/protocol.h
1003 file path=usr/include/sys/fm/util.h
1004 file path=usr/include/sys/fork.h
1005 $(i386_ONLY)file path=usr/include/sys/fp.h
1006 $(sparc_ONLY)file path=usr/include/sys/fpu/fpu_simulator.h
1007 $(sparc_ONLY)file path=usr/include/sys/fpu/fpusystem.h
1008 $(sparc_ONLY)file path=usr/include/sys/fpu/globals.h
1009 $(sparc_ONLY)file path=usr/include/sys/fpu/ieee.h
1010 file path=usr/include/sys/frame.h
1011 file path=usr/include/sys/fs/autofs.h
1012 file path=usr/include/sys/fs/cacheofs_dir.h
1013 file path=usr/include/sys/fs/cacheofs_dlog.h
1014 file path=usr/include/sys/fs/cacheofs_filegrp.h
1015 file path=usr/include/sys/fs/cacheofs_fs.h
1016 file path=usr/include/sys/fs/cacheofs_fsocache.h
1017 file path=usr/include/sys/fs/cacheofs_ioctl.h
1018 file path=usr/include/sys/fs/cacheofs_log.h
1019 file path=usr/include/sys/fs/decomp.h
1020 file path=usr/include/sys/fs/dv_node.h
1021 file path=usr/include/sys/fs/fifonode.h
1022 file path=usr/include/sys/fs/hsfs_isospec.h
1023 file path=usr/include/sys/fs/hsfs_node.h
1024 file path=usr/include/sys/fs/hsfs_rrip.h
1025 file path=usr/include/sys/fs/hsfs_spec.h
1026 file path=usr/include/sys/fs/hsfs_susp.h
1027 file path=usr/include/sys/fs/lofs_info.h
1028 file path=usr/include/sys/fs/lofs_node.h
1029 file path=usr/include/sys/fs/mntdata.h
1030 file path=usr/include/sys/fs/namenode.h
1031 file path=usr/include/sys/fs/pc_dir.h
1032 file path=usr/include/sys/fs/pc_fs.h
1033 file path=usr/include/sys/fs/pc_label.h
1034 file path=usr/include/sys/fs/pc_node.h
1035 file path=usr/include/sys/fs/pxfi_ki.h
1036 file path=usr/include/sys/fs/sdev_impl.h
1037 file path=usr/include/sys/fs/snodel.h
1038 file path=usr/include/sys/fs/swapnode.h
1039 file path=usr/include/sys/fs/tmp.h
1040 file path=usr/include/sys/fs/tmpnode.h
1041 file path=usr/include/sys/fs/udf_inode.h
1042 file path=usr/include/sys/fs/udf_volume.h
1043 file path=usr/include/sys/fs/ufs_acl.h
1044 file path=usr/include/sys/fs/ufs_bio.h
1045 file path=usr/include/sys/fs/ufs_filio.h
1046 file path=usr/include/sys/fs/ufs_fs.h
1047 file path=usr/include/sys/fs/ufs_fsidir.h
1048 file path=usr/include/sys/fs/ufs_inode.h
1049 file path=usr/include/sys/fs/ufs_lockfs.h
1050 file path=usr/include/sys/fs/ufs_log.h
1051 file path=usr/include/sys/fs/ufs_mount.h

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1052 file path=usr/include/sys/fs/ufs_panic.h
1053 file path=usr/include/sys/fs/ufs_prot.h
1054 file path=usr/include/sys/fs/ufs_quota.h
1055 file path=usr/include/sys/fs/ufs_snap.h
1056 file path=usr/include/sys/fs/ufs_trans.h
1057 file path=usr/include/sys/fs/zfs.h
1058 file path=usr/include/sys/fs_reparse.h
1059 file path=usr/include/sys/fs_subr.h
1060 file path=usr/include/sys/fsid.h
1061 $(sparc_ONLY)file path=usr/include/sys/fsr.h
1062 file path=usr/include/sys/fss.h
1063 file path=usr/include/sys/fssnap.h
1064 file path=usr/include/sys/fssnap_if.h
1065 file path=usr/include/sys/fsspriocntl.h
1066 file path=usr/include/sys/fstyp.h
1067 file path=usr/include/sys/fttrace.h
1068 file path=usr/include/sys/fix.h
1069 file path=usr/include/sys/fixpriocntl.h
1070 file path=usr/include/sys/gfs.h
1071 file path=usr/include/sys/gld.h
1072 file path=usr/include/sys/gldpriv.h
1073 file path=usr/include/sys/group.h
1074 file path=usr/include/sys/hdio.h
1075 file path=usr/include/sys/hook.h
1076 file path=usr/include/sys/hook_event.h
1077 file path=usr/include/sys/hook_impl.h
1078 file path=usr/include/sys/hotplug/hpcsvc.h
1079 file path=usr/include/sys/hotplug/hpctrl.h
1080 file path=usr/include/sys/hotplug/pci/pcicfg.h
1081 file path=usr/include/sys/hotplug/pci/pcihp.h
1082 file path=usr/include/sys/hwconf.h
1083 $(i386_ONLY)file path=usr/include/sys/hypervisor.h
1084 $(i386_ONLY)file path=usr/include/sys/i8272A.h
1085 file path=usr/include/sys/ia.h
1086 file path=usr/include/sys/iapriocntl.h
1087 file path=usr/include/sys/ib/adapters/hermon/hermon_ioctl.h
1088 file path=usr/include/sys/ib/adapters/mlnx_umap.h
1089 file path=usr/include/sys/ib/adapters/tavor/tavor_ioctl.h
1090 file path=usr/include/sys/ib/clients/ibd/ibd.h
1091 file path=usr/include/sys/ib/clients/of/ofa_solaris.h
1092 file path=usr/include/sys/ib/clients/of/ofed_kernel.h
1093 file path=usr/include/sys/ib/clients/of/rdma/ib_addr.h
1094 file path=usr/include/sys/ib/clients/of/rdma/ib_user_mad.h
1095 file path=usr/include/sys/ib/clients/of/rdma/ib_user_sa.h
1096 file path=usr/include/sys/ib/clients/of/rdma/ib_user_verbs.h
1097 file path=usr/include/sys/ib/clients/of/rdma/ib_verbs.h
1098 file path=usr/include/sys/ib/clients/of/rdma/rdma_cm.h
1099 file path=usr/include/sys/ib/clients/of/rdma/rdma_user_cm.h
1100 file path=usr/include/sys/ib/clients/of/sol_ofs/sol_cma.h
1101 file path=usr/include/sys/ib/clients/of/sol_ofs/sol_ib_cma.h
1102 file path=usr/include/sys/ib/clients/of/sol_ofs/sol_kverb_impl.h
1103 file path=usr/include/sys/ib/clients/of/sol_ofs/sol_ofs_common.h
1104 file path=usr/include/sys/ib/clients/of/sol_ucma/sol_rdma_user_cm.h
1105 file path=usr/include/sys/ib/clients/of/sol_ucma/sol_ucma.h
1106 file path=usr/include/sys/ib/clients/of/sol_umad/sol_umad.h
1107 file path=usr/include/sys/ib/clients/of/sol_uverbs/sol_uverbs.h
1108 file path=usr/include/sys/ib/clients/of/sol_uverbs/sol_uverbs2ucma.h
1109 file path=usr/include/sys/ib/clients/of/sol_uverbs/sol_uverbs_comp.h
1110 file path=usr/include/sys/ib/clients/of/sol_uverbs/sol_uverbs_event.h
1111 file path=usr/include/sys/ib/clients/of/sol_uverbs/sol_uverbs_hca.h
1112 file path=usr/include/sys/ib/clients/of/sol_uverbs/sol_uverbs_qp.h
1113 file path=usr/include/sys/ib/ib_pkt_hdrs.h
1114 file path=usr/include/sys/ib/ib_types.h
1115 file path=usr/include/sys/ib/ibnex/ibnex_devctl.h
1116 file path=usr/include/sys/ib/ibtl/ibci.h
1117 file path=usr/include/sys/ib/ibtl/ibti.h

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1118 file path=usr/include/sys/ib/ibtl/ibti_cm.h
1119 file path=usr/include/sys/ib/ibtl/ibti_common.h
1120 file path=usr/include/sys/ib/ibtl/ibtl_ci_types.h
1121 file path=usr/include/sys/ib/ibtl/ibtl_status.h
1122 file path=usr/include/sys/ib/ibtl/ibtl_types.h
1123 file path=usr/include/sys/ib/ibtl/ibvti.h
1124 file path=usr/include/sys/ib/ibtl/impl/ibtl_util.h
1125 file path=usr/include/sys/ib/mgt/ib_dm_attr.h
1126 file path=usr/include/sys/ib/mgt/ib_mad.h
1127 file path=usr/include/sys/ib/mgt/ibmf/ibmf.h
1128 file path=usr/include/sys/ib/mgt/ibmf/ibmf_msg.h
1129 file path=usr/include/sys/ib/mgt/ibmf/ibmf_saa.h
1130 file path=usr/include/sys/ib/mgt/ibmf/ibmf_utils.h
1131 file path=usr/include/sys/ib/mgt/sa_recs.h
1132 file path=usr/include/sys/ib/mgt/sm_attr.h
1133 file path=usr/include/sys/ibpart.h
1134 file path=usr/include/sys/id32.h
1135 file path=usr/include/sys/id_space.h
1136 file path=usr/include/sys/idmap.h
1137 file path=usr/include/sys/inline.h
1138 file path=usr/include/sys/instance.h
1139 file path=usr/include/sys/int_const.h
1140 file path=usr/include/sys/int_fmtio.h
1141 file path=usr/include/sys/int_limits.h
1142 file path=usr/include/sys/int_types.h
1143 file path=usr/include/sys/inttypes.h
1144 file path=usr/include/sys/ioccom.h
1145 file path=usr/include/sys/ioctl.h
1146 $(i386_ONLY)file path=usr/include/sys/iommu.lib.h
1147 file path=usr/include/sys/ipc.h
1148 file path=usr/include/sys/ipc_impl.h
1149 file path=usr/include/sys/ipc_rctl.h
1150 file path=usr/include/sys/isa_defs.h
1151 file path=usr/include/sys/iso/signal_iso.h
1152 file path=usr/include/sys/jioctl.h
1153 file path=usr/include/sys/kbd.h
1154 file path=usr/include/sys/kbdreg.h
1155 file path=usr/include/sys/kbio.h
1156 file path=usr/include/sys/kcpc.h
1157 file path=usr/include/sys/kd.h
1158 file path=usr/include/sys/kdi.h
1159 file path=usr/include/sys/kdi_impl.h
1160 file path=usr/include/sys/kdi_machimpl.h
1161 $(i386_ONLY)file path=usr/include/sys/kdi_regs.h
1162 file path=usr/include/sys/kiconv.h
1163 file path=usr/include/sys/kidmap.h
1164 file path=usr/include/sys/klpd.h
1165 file path=usr/include/sys/klwp.h
1166 file path=usr/include/sys/kmem.h
1167 file path=usr/include/sys/kmem_impl.h
1168 file path=usr/include/sys/kobj.h
1169 file path=usr/include/sys/kobj_impl.h
1170 file path=usr/include/sys/ksocket.h
1171 file path=usr/include/sys/kstat.h
1172 file path=usr/include/sys/kstr.h
1173 file path=usr/include/sys/ksyms.h
1174 file path=usr/include/sys/ksynch.h
1175 file path=usr/include/sys/lc_core.h
1176 file path=usr/include/sys/ldterm.h
1177 file path=usr/include/sys/lgrp.h
1178 file path=usr/include/sys/lgrp_user.h
1179 file path=usr/include/sys/link.h
1180 file path=usr/include/sys/list.h
1181 file path=usr/include/sys/list_impl.h
1182 file path=usr/include/sys/llcl.h
1183 file path=usr/include/sys/loadavg.h

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1184 file path=usr/include/sys/localedef.h  
1185 file path=usr/include/sys/lock.h  
1186 file path=usr/include/sys/lockfs.h  
1187 file path=usr/include/sys/lofi.h  
1188 file path=usr/include/sys/log.h  
1189 file path=usr/include/sys/logindmux.h  
1190 file path=usr/include/sys/lvm/md\_basic.h  
1191 file path=usr/include/sys/lvm/md\_convert.h  
1192 file path=usr/include/sys/lvm/md\_crc.h  
1193 file path=usr/include/sys/lvm/md\_hotspares.h  
1194 file path=usr/include/sys/lvm/md\_mddb.h  
1195 file path=usr/include/sys/lvm/md\_mdiox.h  
1196 file path=usr/include/sys/lvm/md\_mhdx.h  
1197 file path=usr/include/sys/lvm/md\_mirror.h  
1198 file path=usr/include/sys/lvm/md\_mirror\_shared.h  
1199 file path=usr/include/sys/lvm/md\_names.h  
1200 file path=usr/include/sys/lvm/md\_notify.h  
1201 file path=usr/include/sys/lvm/md\_raid.h  
1202 file path=usr/include/sys/lvm/md\_rename.h  
1203 file path=usr/include/sys/lvm/md\_sp.h  
1204 file path=usr/include/sys/lvm/md\_stripe.h  
1205 file path=usr/include/sys/lvm/md\_trans.h  
1206 file path=usr/include/sys/lvm/mdio.h  
1207 file path=usr/include/sys/lvm/mdmed.h  
1208 file path=usr/include/sys/lvm/mdmn\_commd.h  
1209 file path=usr/include/sys/lvm/mdvar.h  
1210 file path=usr/include/sys/lwp.h  
1211 file path=usr/include/sys/lwp\_timer\_impl.h  
1212 file path=usr/include/sys/lwp\_upimutex\_impl.h  
1213 file path=usr/include/sys/mac.h  
1214 file path=usr/include/sys/mac\_ether.h  
1215 file path=usr/include/sys/mac\_flow.h  
1216 file path=usr/include/sys/mac\_provider.h  
1217 file path=usr/include/sys/machelf.h  
1218 file path=usr/include/sys/machlock.h  
1219 file path=usr/include/sys/machsig.h  
1220 file path=usr/include/sys/machtypes.h  
1221 file path=usr/include/sys/map.h  
1222 \$(i386\_ONLY)file path=usr/include/sys/mc.h  
1223 \$(i386\_ONLY)file path=usr/include/sys/mc\_amd.h  
1224 \$(i386\_ONLY)file path=usr/include/sys/mc\_intel.h  
1225 \$(i386\_ONLY)file path=usr/include/sys/mca\_amd.h  
1226 \$(i386\_ONLY)file path=usr/include/sys/mca\_x86.h  
1227 file path=usr/include/sys/md4.h  
1228 file path=usr/include/sys/md5.h  
1229 file path=usr/include/sys/md5\_consts.h  
1230 file path=usr/include/sys/mdi\_impldefs.h  
1231 file path=usr/include/sys/mem.h  
1232 file path=usr/include/sys/mem\_config.h  
1233 file path=usr/include/sys/memlist.h  
1234 file path=usr/include/sys/mhd.h  
1235 file path=usr/include/sys/mii.h  
1236 file path=usr/include/sys/miiregs.h  
1237 file path=usr/include/sys/mkdev.h  
1238 file path=usr/include/sys/mman.h  
1239 file path=usr/include/sys/mmabobj.h  
1240 file path=usr/include/sys/mntent.h  
1241 file path=usr/include/sys/mntio.h  
1242 file path=usr/include/sys/mnttab.h  
1243 file path=usr/include/sys/modctl.h  
1244 file path=usr/include/sys/mode.h  
1245 file path=usr/include/sys/model.h  
1246 file path=usr/include/sys/modhash.h  
1247 file path=usr/include/sys/modhash\_impl.h  
1248 file path=usr/include/sys/mount.h  
1249 file path=usr/include/sys/mouse.h

1250 file path=usr/include/sys/msacct.h  
1251 file path=usr/include/sys/msg.h  
1252 file path=usr/include/sys/msg\_impl.h  
1253 file path=usr/include/sys/msio.h  
1254 file path=usr/include/sys/msreg.h  
1255 file path=usr/include/sys/mtio.h  
1256 file path=usr/include/sys/multidata.h  
1257 file path=usr/include/sys/mutex.h  
1258 \$(i386\_ONLY)file path=usr/include/sys/mutex\_impl.h  
1259 file path=usr/include/sys/nbmlck.h  
1260 file path=usr/include/sys/ndi\_impldefs.h  
1261 file path=usr/include/sys/ndifm.h  
1262 file path=usr/include/sys/netconfig.h  
1263 file path=usr/include/sys/neti.h  
1264 file path=usr/include/sys/netstack.h  
1265 file path=usr/include/sys/nexusdefs.h  
1266 file path=usr/include/sys/note.h  
1267 file path=usr/include/sys/nvpair.h  
1268 file path=usr/include/sys/nvpair\_impl.h  
1269 file path=usr/include/sys/objfs.h  
1270 file path=usr/include/sys/objfs\_impl.h  
1271 file path=usr/include/sys/obpdefs.h  
1272 file path=usr/include/sys/old\_procfs.h  
1273 file path=usr/include/sys/open.h  
1274 file path=usr/include/sys/openpromio.h  
1275 file path=usr/include/sys/panic.h  
1276 file path=usr/include/sys/param.h  
1277 file path=usr/include/sys/pathconf.h  
1278 file path=usr/include/sys/pathname.h  
1279 file path=usr/include/sys/pattr.h  
1280 file path=usr/include/sys/pbio.h  
1281 file path=usr/include/sys/pcb.h  
1282 file path=usr/include/sys/pccard.h  
1283 file path=usr/include/sys/pci.h  
1284 \$(i386\_ONLY)file path=usr/include/sys/pcic\_reg.h  
1285 \$(i386\_ONLY)file path=usr/include/sys/pcic\_var.h  
1286 file path=usr/include/sys/pcie.h  
1287 file path=usr/include/sys/pcmcia.h  
1288 file path=usr/include/sys/pcmcia/pcata.h  
1289 file path=usr/include/sys/pcmcia/pcser\_conf.h  
1290 file path=usr/include/sys/pcmcia/pcser\_io.h  
1291 file path=usr/include/sys/pcmcia/pcser\_manuspec.h  
1292 file path=usr/include/sys/pcmcia/pcser\_reg.h  
1293 file path=usr/include/sys/pcmcia/pcser\_var.h  
1294 file path=usr/include/sys/pctypes.h  
1295 file path=usr/include/sys/pfmod.h  
1296 file path=usr/include/sys/pg.h  
1297 file path=usr/include/sys/pghw.h  
1298 file path=usr/include/sys/phymem.h  
1299 \$(i386\_ONLY)file path=usr/include/sys/pic.h  
1300 \$(i386\_ONLY)file path=usr/include/sys/pit.h  
1301 file path=usr/include/sys/pkg\_hash.h  
1302 file path=usr/include/sys/pm.h  
1303 \$(i386\_ONLY)file path=usr/include/sys/pmem.h  
1304 file path=usr/include/sys/policy.h  
1305 file path=usr/include/sys/poll.h  
1306 file path=usr/include/sys/poll\_impl.h  
1307 file path=usr/include/sys/pool.h  
1308 file path=usr/include/sys/pool\_impl.h  
1309 file path=usr/include/sys/pool\_pset.h  
1310 file path=usr/include/sys/port.h  
1311 file path=usr/include/sys/port\_impl.h  
1312 file path=usr/include/sys/port\_kernel.h  
1313 file path=usr/include/sys/ppmio.h  
1314 file path=usr/include/sys/priocntl.h  
1315 file path=usr/include/sys/priv.h

1316 file path=usr/include/sys/priv\_const.h  
 1317 file path=usr/include/sys/priv\_impl.h  
 1318 file path=usr/include/sys/priv\_names.h  
 1319 \$(i386\_ONLY)file path=usr/include/sys/privregs.h  
 1320 \$(i386\_ONLY)file path=usr/include/sys/privregs.h  
 1321 file path=usr/include/sys/prnio.h  
 1322 file path=usr/include/sys/proc.h  
 1323 file path=usr/include/sys/proc/prdata.h  
 1324 file path=usr/include/sys/processor.h  
 1325 file path=usr/include/sys/procfs.h  
 1326 file path=usr/include/sys/procfs\_isa.h  
 1327 file path=usr/include/sys/procset.h  
 1328 file path=usr/include/sys/project.h  
 1329 \$(i386\_ONLY)file path=usr/include/sys/prom\_emul.h  
 1330 \$(i386\_ONLY)file path=usr/include/sys/prom\_isa.h  
 1331 \$(i386\_ONLY)file path=usr/include/sys/prom\_plat.h  
 1332 file path=usr/include/sys/promif.h  
 1333 file path=usr/include/sys/promimpl.h  
 1334 file path=usr/include/sys/protosw.h  
 1335 file path=usr/include/sys/prsystem.h  
 1336 file path=usr/include/sys/pset.h  
 1337 file path=usr/include/sys/psw.h  
 1338 \$(i386\_ONLY)file path=usr/include/sys/pte.h  
 1339 file path=usr/include/sys/ptem.h  
 1340 file path=usr/include/sys/ptms.h  
 1341 file path=usr/include/sys/ptyvar.h  
 1342 file path=usr/include/sys/queue.h  
 1343 file path=usr/include/sys/raidiocntl.h  
 1344 file path=usr/include/sys/ramdisk.h  
 1345 file path=usr/include/sys/random.h  
 1346 file path=usr/include/sys/rctl.h  
 1347 file path=usr/include/sys/rctl\_impl.h  
 1348 file path=usr/include/sys/rds.h  
 1349 file path=usr/include/sys/reboot.h  
 1350 file path=usr/include/sys/refstr.h  
 1351 file path=usr/include/sys/refstr\_impl.h  
 1352 file path=usr/include/sys/reg.h  
 1353 file path=usr/include/sys/regset.h  
 1354 file path=usr/include/sys/resource.h  
 1355 file path=usr/include/sys/rliocntl.h  
 1356 file path=usr/include/sys/rsm/rsm.h  
 1357 file path=usr/include/sys/rsm/rsm\_common.h  
 1358 file path=usr/include/sys/rsm/rsmapi\_common.h  
 1359 file path=usr/include/sys/rsm/rsmka\_path\_int.h  
 1360 file path=usr/include/sys/rsm/rsmmdi.h  
 1361 file path=usr/include/sys/rsm/rsmpi.h  
 1362 file path=usr/include/sys/rsm/rsmpi\_driver.h  
 1363 file path=usr/include/sys/rt.h  
 1364 \$(i386\_ONLY)file path=usr/include/sys/rtc.h  
 1365 file path=usr/include/sys/rtpriocntl.h  
 1366 file path=usr/include/sys/rwlock.h  
 1367 file path=usr/include/sys/rwlock\_impl.h  
 1368 file path=usr/include/sys/rwstlock.h  
 1369 file path=usr/include/sys/sad.h  
 1370 \$(i386\_ONLY)file path=usr/include/sys/sata/sata\_defs.h  
 1371 \$(i386\_ONLY)file path=usr/include/sys/sata/sata\_hba.h  
 1372 file path=usr/include/sys/schedctl.h  
 1373 \$(sparc\_ONLY)file path=usr/include/sys/scsi/adapters/ifpio.h  
 1374 file path=usr/include/sys/scsi/adapters/scsi\_vhci.h  
 1375 \$(sparc\_ONLY)file path=usr/include/sys/scsi/adapters/sfvar.h  
 1376 file path=usr/include/sys/scsi/conf/autoconf.h  
 1377 file path=usr/include/sys/scsi/conf/device.h  
 1378 file path=usr/include/sys/scsi/generic/commands.h  
 1379 file path=usr/include/sys/scsi/generic/dad\_mode.h  
 1380 file path=usr/include/sys/scsi/generic/inquiry.h  
 1381 file path=usr/include/sys/scsi/generic/message.h

1382 file path=usr/include/sys/scsi/generic/mode.h  
 1383 file path=usr/include/sys/scsi/generic/persist.h  
 1384 file path=usr/include/sys/scsi/generic/sense.h  
 1385 file path=usr/include/sys/scsi/generic/sff\_frames.h  
 1386 file path=usr/include/sys/scsi/generic/smp\_frames.h  
 1387 file path=usr/include/sys/scsi/generic/status.h  
 1388 file path=usr/include/sys/scsi/impl/commands.h  
 1389 file path=usr/include/sys/scsi/impl/inquiry.h  
 1390 file path=usr/include/sys/scsi/impl/mode.h  
 1391 file path=usr/include/sys/scsi/impl/scsi\_reset\_notify.h  
 1392 file path=usr/include/sys/scsi/impl/scsi\_sas.h  
 1393 file path=usr/include/sys/scsi/impl/sense.h  
 1394 file path=usr/include/sys/scsi/impl/services.h  
 1395 file path=usr/include/sys/scsi/impl/smp\_transport.h  
 1396 file path=usr/include/sys/scsi/impl/spc3\_types.h  
 1397 file path=usr/include/sys/scsi/impl/status.h  
 1398 file path=usr/include/sys/scsi/impl/transport.h  
 1399 file path=usr/include/sys/scsi/impl/types.h  
 1400 file path=usr/include/sys/scsi/impl/uscsi.h  
 1401 file path=usr/include/sys/scsi/impl/usmp.h  
 1402 file path=usr/include/sys/scsi/scsi.h  
 1403 file path=usr/include/sys/scsi/scsi\_address.h  
 1404 file path=usr/include/sys/scsi/scsi\_ctl.h  
 1405 file path=usr/include/sys/scsi/scsi\_fm.h  
 1406 file path=usr/include/sys/scsi/scsi\_params.h  
 1407 file path=usr/include/sys/scsi/scsi\_pkt.h  
 1408 file path=usr/include/sys/scsi/scsi\_resource.h  
 1409 file path=usr/include/sys/scsi/scsi\_types.h  
 1410 file path=usr/include/sys/scsi/scsi\_watch.h  
 1411 file path=usr/include/sys/scsi/targets/ssdef.h  
 1412 file path=usr/include/sys/scsi/targets/ses.h  
 1413 file path=usr/include/sys/scsi/targets/sesio.h  
 1414 file path=usr/include/sys/scsi/targets/sgendef.h  
 1415 file path=usr/include/sys/scsi/targets/smp.h  
 1416 \$(sparc\_ONLY)file path=usr/include/sys/scsi/targets/ssdef.h  
 1417 file path=usr/include/sys/scsi/targets/stdef.h  
 1418 \$(i386\_ONLY)file path=usr/include/sys/segment.h  
 1419 \$(i386\_ONLY)file path=usr/include/sys/segments.h  
 1420 file path=usr/include/sys/select.h  
 1421 file path=usr/include/sys/sem.h  
 1422 file path=usr/include/sys/sem\_impl.h  
 1423 file path=usr/include/sys/semaphore.h  
 1424 file path=usr/include/sys/semaphore.h  
 1425 file path=usr/include/sys/sendfile.h  
 1426 \$(sparc\_ONLY)file path=usr/include/sys/ser\_async.h  
 1427 file path=usr/include/sys/ser\_sync.h  
 1428 \$(sparc\_ONLY)file path=usr/include/sys/ser\_zscc.h  
 1429 file path=usr/include/sys/serializer.h  
 1430 file path=usr/include/sys/session.h  
 1431 file path=usr/include/sys/shal.h  
 1432 file path=usr/include/sys/sha2.h  
 1433 file path=usr/include/sys/share.h  
 1434 file path=usr/include/sys/shm.h  
 1435 file path=usr/include/sys/shm\_impl.h  
 1436 file path=usr/include/sys/sid.h  
 1437 file path=usr/include/sys/siginfo.h  
 1438 file path=usr/include/sys/signal.h  
 1439 file path=usr/include/sys/sleepq.h  
 1440 file path=usr/include/sys/smbios.h  
 1441 file path=usr/include/sys/smbios\_impl.h  
 1442 file path=usr/include/sys/smedia.h  
 1443 file path=usr/include/sys/sobject.h  
 1444 \$(sparc\_ONLY)file path=usr/include/sys/social\_cq\_defs.h  
 1445 \$(sparc\_ONLY)file path=usr/include/sys/socialio.h  
 1446 \$(sparc\_ONLY)file path=usr/include/sys/socialmap.h  
 1447 \$(sparc\_ONLY)file path=usr/include/sys/socialreg.h

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1448 $(sparc_ONLY)file path=usr/include/sys/socalvar.h
1449 file path=usr/include/sys/socket.h
1450 file path=usr/include/sys/socket_impl.h
1451 file path=usr/include/sys/socket_proto.h
1452 file path=usr/include/sys/socketvar.h
1453 file path=usr/include/sys/sockio.h
1454 file path=usr/include/sys/spl.h
1455 file path=usr/include/sys/queue.h
1456 file path=usr/include/sys/queue_impl.h
1457 file path=usr/include/sys/sservice.h
1458 file path=usr/include/sys/stack.h
1459 file path=usr/include/sys/stat.h
1460 file path=usr/include/sys/stat_impl.h
1461 file path=usr/include/sys/statfs.h
1462 file path=usr/include/sys/statvfs.h
1463 file path=usr/include/sys/stdbool.h
1464 file path=usr/include/sys/stdint.h
1465 file path=usr/include/sys/stermio.h
1466 file path=usr/include/sys/stream.h
1467 file path=usr/include/sys/strft.h
1468 file path=usr/include/sys/strlog.h
1469 file path=usr/include/sys/strmdep.h
1470 file path=usr/include/sys/stropts.h
1471 file path=usr/include/sys/strredir.h
1472 file path=usr/include/sys/strstat.h
1473 file path=usr/include/sys/strsubr.h
1474 file path=usr/include/sys/strsun.h
1475 file path=usr/include/sys/strtty.h
1476 file path=usr/include/sys/sunddi.h
1477 file path=usr/include/sys/sunldi.h
1478 file path=usr/include/sys/sunldi_impl.h
1479 file path=usr/include/sys/sunmdi.h
1480 file path=usr/include/sys/sunndi.h
1481 file path=usr/include/sys/sunpm.h
1482 file path=usr/include/sys/suntpi.h
1483 file path=usr/include/sys/suntty.h
1484 file path=usr/include/sys/swap.h
1485 file path=usr/include/sys/synch.h
1486 file path=usr/include/sys/syscall.h
1487 file path=usr/include/sys/sysconf.h
1488 file path=usr/include/sys/sysconfig.h
1489 file path=usr/include/sys/sysconfig_impl.h
1490 file path=usr/include/sys/sysdc.h
1491 file path=usr/include/sys/sysdc_impl.h
1492 file path=usr/include/sys/sysevent.h
1493 file path=usr/include/sys/sysevent/ap_driver.h
1494 file path=usr/include/sys/sysevent/dev.h
1495 file path=usr/include/sys/sysevent/domain.h
1496 file path=usr/include/sys/sysevent/dr.h
1497 file path=usr/include/sys/sysevent/env.h
1498 file path=usr/include/sys/sysevent/eventdefs.h
1499 file path=usr/include/sys/sysevent/imp.h
1500 file path=usr/include/sys/sysevent/pwrctl.h
1501 file path=usr/include/sys/sysevent/svm.h
1502 file path=usr/include/sys/sysevent/vrrp.h
1503 file path=usr/include/sys/sysevent_impl.h
1504 $(i386_ONLY)file path=usr/include/sys/sysi86.h
1505 file path=usr/include/sys/sysinfo.h
1506 file path=usr/include/sys/syslog.h
1507 file path=usr/include/sys/sysmacros.h
1508 file path=usr/include/sys/systeminfo.h
1509 file path=usr/include/sys/system.h
1510 file path=usr/include/sys/t_kuser.h
1511 file path=usr/include/sys/t_lock.h
1512 file path=usr/include/sys/task.h
1513 file path=usr/include/sys/taskq.h

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1514 file path=usr/include/sys/taskq_impl.h
1515 file path=usr/include/sys/teliocctl.h
1516 file path=usr/include/sys/termio.h
1517 file path=usr/include/sys/termios.h
1518 file path=usr/include/sys/termiox.h
1519 file path=usr/include/sys/thread.h
1520 file path=usr/include/sys/ticlts.h
1521 file path=usr/include/sys/ticots.h
1522 file path=usr/include/sys/ticotsord.h
1523 file path=usr/include/sys/tihdr.h
1524 file path=usr/include/sys/time.h
1525 file path=usr/include/sys/time_impl.h
1526 file path=usr/include/sys/time_std_impl.h
1527 file path=usr/include/sys/timeb.h
1528 file path=usr/include/sys/timer.h
1529 file path=usr/include/sys/times.h
1530 file path=usr/include/sys/timex.h
1531 file path=usr/include/sys/timod.h
1532 file path=usr/include/sys/tirdwr.h
1533 file path=usr/include/sys/tiuser.h
1534 file path=usr/include/sys/tl.h
1535 file path=usr/include/sys/tnf.h
1536 file path=usr/include/sys/tnf_com.h
1537 file path=usr/include/sys/tnf_probe.h
1538 file path=usr/include/sys/tnf_writer.h
1539 file path=usr/include/sys/todio.h
1540 file path=usr/include/sys/tpiccommon.h
1541 file path=usr/include/sys/trap.h
1542 $(i386_ONLY)file path=usr/include/sys/traptrace.h
1543 file path=usr/include/sys/ts.h
1544 file path=usr/include/sys/tsol/label.h
1545 file path=usr/include/sys/tsol/label_macro.h
1546 file path=usr/include/sys/tsol/priv.h
1547 file path=usr/include/sys/tsol/tndb.h
1548 file path=usr/include/sys/tsol/tsyscall.h
1549 file path=usr/include/sys/tsprioctl.h
1550 $(i386_ONLY)file path=usr/include/sys/tss.h
1551 file path=usr/include/sys/ttcompat.h
1552 file path=usr/include/sys/ttold.h
1553 file path=usr/include/sys/tty.h
1554 file path=usr/include/sys/ttychars.h
1555 file path=usr/include/sys/ttydev.h
1556 $(sparc_ONLY)file path=usr/include/sys/ttymux.h
1557 $(sparc_ONLY)file path=usr/include/sys/ttymuxuser.h
1558 file path=usr/include/sys/tuneable.h
1559 file path=usr/include/sys/turnstile.h
1560 file path=usr/include/sys/types.h
1561 file path=usr/include/sys/types32.h
1562 file path=usr/include/sys/tzfile.h
1563 file path=usr/include/sys/u8_textprep.h
1564 file path=usr/include/sys/uadmin.h
1565 $(i386_ONLY)file path=usr/include/sys/ucode.h
1566 file path=usr/include/sys/ucontext.h
1567 file path=usr/include/sys/uiio.h
1568 file path=usr/include/sys/ulimit.h
1569 file path=usr/include/sys/un.h
1570 file path=usr/include/sys/unistd.h
1571 file path=usr/include/sys/user.h
1572 file path=usr/include/sys/ustat.h
1573 file path=usr/include/sys/utime.h
1574 file path=usr/include/sys/utrap.h
1575 file path=usr/include/sys/utsname.h
1576 file path=usr/include/sys/utssys.h
1577 file path=usr/include/sys/uuid.h
1578 file path=usr/include/sys/va_impl.h
1579 file path=usr/include/sys/va_list.h

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1580 file path=usr/include/sys/var.h
1581 file path=usr/include/sys/varargs.h
1582 file path=usr/include/sys/vfs.h
1583 file path=usr/include/sys/vfs_opreg.h
1584 file path=usr/include/sys/vfstab.h
1585 file path=usr/include/sys/videodev2.h
1586 file path=usr/include/sys/visual_io.h
1587 file path=usr/include/sys/vm.h
1588 file path=usr/include/sys/vm_usage.h
1589 file path=usr/include/sys/vmem.h
1590 file path=usr/include/sys/vmem_impl.h
1591 file path=usr/include/sys/vmem_impl_user.h
1592 file path=usr/include/sys/vmparam.h
1593 file path=usr/include/sys/vmsystem.h
1594 file path=usr/include/sys/vnode.h
1595 file path=usr/include/sys/vt.h
1596 file path=usr/include/sys/vtdaemon.h
1597 file path=usr/include/sys/vtoc.h
1598 file path=usr/include/sys/vtrace.h
1599 file path=usr/include/sys/vuid_event.h
1600 file path=usr/include/sys/vuid_queue.h
1601 file path=usr/include/sys/vuid_state.h
1602 file path=usr/include/sys/vuid_store.h
1603 file path=usr/include/sys/vuid_wheel.h
1604 file path=usr/include/sys/wait.h
1605 file path=usr/include/sys/waitq.h
1606 file path=usr/include/sys/watchpoint.h
1607 $(i386_ONLY)file path=usr/include/sys/x86_archext.h
1608 $(i386_ONLY)file path=usr/include/sys/xen_errno.h
1609 file path=usr/include/sys/xti_inet.h
1610 file path=usr/include/sys/xti_osi.h
1611 file path=usr/include/sys/xti_xtiopt.h
1612 file path=usr/include/sys/zcons.h
1613 file path=usr/include/sys/zmod.h
1614 file path=usr/include/sys/zone.h
1615 $(sparc_ONLY)file path=usr/include/sys/zsdev.h
1616 file path=usr/include/syssexits.h
1617 file path=usr/include/syslog.h
1618 file path=usr/include/tar.h
1619 file path=usr/include/tcpd.h
1620 file path=usr/include/term.h
1621 file path=usr/include/termcap.h
1622 file path=usr/include/termio.h
1623 file path=usr/include/termios.h
1624 file path=usr/include/thread.h
1625 file path=usr/include/thread_db.h
1626 file path=usr/include/time.h
1627 file path=usr/include/tiuser.h
1628 file path=usr/include/tsol/label.h
1629 file path=usr/include/tzfile.h
1630 file path=usr/include/ucontext.h
1631 file path=usr/include/ucred.h
1632 file path=usr/include/uid_stp.h
1633 file path=usr/include/ulimit.h
1634 file path=usr/include/umem.h
1635 file path=usr/include/umem_impl.h
1636 file path=usr/include/unctrl.h
1637 file path=usr/include/unistd.h
1638 file path=usr/include/user_attr.h
1639 file path=usr/include/userdefs.h
1640 file path=usr/include/ustat.h
1641 file path=usr/include/utility.h
1642 file path=usr/include/utime.h
1643 file path=usr/include/utmp.h
1644 file path=usr/include/utmpx.h
1645 file path=usr/include/uuid/uuid.h

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1646 $(sparc_ONLY)file path=usr/include/v7/sys/machpcb.h
1647 $(sparc_ONLY)file path=usr/include/v7/sys/machtrap.h
1648 $(sparc_ONLY)file path=usr/include/v7/sys/mutex_impl.h
1649 $(sparc_ONLY)file path=usr/include/v7/sys/privregs.h
1650 $(sparc_ONLY)file path=usr/include/v7/sys/prom_isa.h
1651 $(sparc_ONLY)file path=usr/include/v7/sys/psr.h
1652 $(sparc_ONLY)file path=usr/include/v7/sys/traptrace.h
1653 $(sparc_ONLY)file path=usr/include/v9/sys/asi.h
1654 $(sparc_ONLY)file path=usr/include/v9/sys/machpcb.h
1655 $(sparc_ONLY)file path=usr/include/v9/sys/machtrap.h
1656 $(sparc_ONLY)file path=usr/include/v9/sys/membar.h
1657 $(sparc_ONLY)file path=usr/include/v9/sys/mutex_impl.h
1658 $(sparc_ONLY)file path=usr/include/v9/sys/privregs.h
1659 $(sparc_ONLY)file path=usr/include/v9/sys/prom_isa.h
1660 $(sparc_ONLY)file path=usr/include/v9/sys/psr_compat.h
1661 $(sparc_ONLY)file path=usr/include/v9/sys/vis_simulator.h
1662 file path=usr/include/valtools.h
1663 file path=usr/include/values.h
1664 file path=usr/include/varargs.h
1665 file path=usr/include/vm/anon.h
1666 file path=usr/include/vm/as.h
1667 file path=usr/include/vm/faultcode.h
1668 file path=usr/include/vm/hat.h
1669 file path=usr/include/vm/kpm.h
1670 file path=usr/include/vm/page.h
1671 file path=usr/include/vm/pvn.h
1672 file path=usr/include/vm/rm.h
1673 file path=usr/include/vm/seg.h
1674 file path=usr/include/vm/seg_dev.h
1675 file path=usr/include/vm/seg_enum.h
1676 file path=usr/include/vm/seg_kmem.h
1677 file path=usr/include/vm/seg_kp.h
1678 file path=usr/include/vm/seg_kpm.h
1679 file path=usr/include/vm/seg_map.h
1680 file path=usr/include/vm/seg_spt.h
1681 file path=usr/include/vm/seg_vn.h
1682 file path=usr/include/vm/vpage.h
1683 file path=usr/include/vm/vpm.h
1684 file path=usr/include/volmgt.h
1685 file path=usr/include/wait.h
1686 file path=usr/include/wchar.h
1687 file path=usr/include/wchar_impl.h
1688 file path=usr/include/wctype.h
1689 file path=usr/include/widec.h
1690 file path=usr/include/wordexp.h
1691 file path=usr/include/xti.h
1692 file path=usr/include/xti_inet.h
1693 file path=usr/include/zone.h
1694 file path=usr/include/zonestat.h
1695 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/acpidev.h
1696 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/amd_iommu.h
1697 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/asm_misc.h
1698 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/clock.h
1699 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/cram.h
1700 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/ddi_subdefs.h
1701 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/debug_info.h
1702 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/fastboot.h
1703 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/mach_mmu.h
1704 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/machclock.h
1705 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/machcpuvar.h
1706 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/machparam.h
1707 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/machprivregs.h
1708 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/machsystem.h
1709 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/machthread.h
1710 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/memnode.h
1711 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/pc_mmu.h

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1712 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/psm.h
1713 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/psm_defs.h
1714 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/psm_modctl.h
1715 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/psm_types.h
1716 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/rm_platter.h
1717 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/sbd_ioctl.h
1718 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/smp_impldefs.h
1719 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/vm_machparam.h
1720 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/xc_call.h
1721 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/xc_levels.h
1722 $(i386_ONLY)file path=usr/platform/i86pc/include/sys/xsvc.h
1723 $(i386_ONLY)file path=usr/platform/i86pc/include/vm/hat_i86.h
1724 $(i386_ONLY)file path=usr/platform/i86pc/include/vm/hat_pte.h
1725 $(i386_ONLY)file path=usr/platform/i86pc/include/vm/hment.h
1726 $(i386_ONLY)file path=usr/platform/i86pc/include/vm/htable.h
1727 $(i386_ONLY)file path=usr/platform/i86pc/include/vm/kboot_mmu.h
1728 $(i386_ONLY)file path=usr/platform/i86xpv/include/sys/balloon.h
1729 $(i386_ONLY)file path=usr/platform/i86xpv/include/sys/machprivregs.h
1730 $(i386_ONLY)file path=usr/platform/i86xpv/include/sys/xen_mmu.h
1731 $(i386_ONLY)file path=usr/platform/i86xpv/include/sys/xpv_impl.h
1732 $(i386_ONLY)file path=usr/platform/i86xpv/include/vm/seg_mf.h
1733 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/ac.h
1734 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/asynch.h
1735 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/cheetahregs.h
1736 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/cherrystone.h
1737 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/clock.h
1738 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/cmp.h
1739 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/cpc_ultra.h
1740 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/cpr_impl.h
1741 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/cpu_impl.h
1742 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/cpu_sgnblk_defs.h
1743 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/cvc.h
1744 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/daktari.h
1745 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/ddi_subrdefs.h
1746 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/dvma.h
1747 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/ecc_kstat.h
1748 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/eeeprom.h
1749 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/envctrl.h
1750 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/envctrl_gen.h
1751 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/envctrl_ue250.h
1752 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/envctrl_ue450.h
1753 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/environ.h
1754 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/errclassify.h
1755 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/fhc.h
1756 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/gpio_87317.h
1757 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/hpc3130_events.h
1758 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/i2c/clients/hpc3130.h
1759 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/i2c/clients/i2c_client.h
1760 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/i2c/clients/lm75.h
1761 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/i2c/clients/max1617.h
1762 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/i2c/clients/pcf8591.h
1763 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/i2c/clients/ssc050.h
1764 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/i2c/misc/i2c_svc.h
1765 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/idprom.h
1766 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/intr.h
1767 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/intreg.h
1768 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/iocache.h
1769 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/iommu.h
1770 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/ivintr.h
1771 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/lom_io.h
1772 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/machasi.h
1773 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/machclock.h
1774 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/machcpuvar.h
1775 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/machparam.h
1776 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/machsystem.h
1777 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/machthread.h

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1778 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/mem_cache.h
1779 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/memlist_plat.h
1780 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/memnode.h
1781 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/mmu.h
1782 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/nexusdebug.h
1783 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/opl_hwdesc.h
1784 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/opl_module.h
1785 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/prom_debug.h
1786 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/prom_plat.h
1787 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/pte.h
1788 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/sbd_ioctl.h
1789 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/scb.h
1790 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/scsb_led.h
1791 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/simmstat.h
1792 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/splitregs.h
1793 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/sram.h
1794 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/starfire.h
1795 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/sun4asi.h
1796 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/sunctrl.h
1797 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/sysioerr.h
1798 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/sysiosbus.h
1799 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/tod.h
1800 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/todmostek.h
1801 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/trapstat.h
1802 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/traptrace.h
1803 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/vis.h
1804 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/vm_machparam.h
1805 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/xc_call.h
1806 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/xc_impl.h
1807 $(sparc_ONLY)file path=usr/platform/sun4u/include/sys/zsmach.h
1808 $(sparc_ONLY)file path=usr/platform/sun4u/include/vm/hat_sfmmu.h
1809 $(sparc_ONLY)file path=usr/platform/sun4u/include/vm/mach_sfmmu.h
1810 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/clock.h
1811 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/cmp.h
1812 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/cpc_ultra.h
1813 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/cpu_sgnblk_defs.h
1814 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/ddi_subrdefs.h
1815 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/ds_pri.h
1816 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/ds_smp.h
1817 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/dvma.h
1818 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/eeeprom.h
1819 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/fcode.h
1820 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/hsv.h
1821 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/hypervisor_api.h
1822 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/idprom.h
1823 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/intr.h
1824 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/intreg.h
1825 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/ivintr.h
1826 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/machasi.h
1827 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/machclock.h
1828 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/machcpuvar.h
1829 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/machintreg.h
1830 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/machparam.h
1831 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/machsystem.h
1832 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/machthread.h
1833 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/memlist_plat.h
1834 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/memnode.h
1835 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/mmu.h
1836 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/nexusdebug.h
1837 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/nagaraasi.h
1838 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/nagararegs.h
1839 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/niwdt.h
1840 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/pri.h
1841 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/prom_debug.h
1842 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/prom_plat.h
1843 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/pte.h

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1844 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/qcn.h
1845 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/scb.h
1846 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/soft_state.h
1847 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/sun4asi.h
1848 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/tod.h
1849 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/trapstat.h
1850 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/traptrace.h
1851 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/vis.h
1852 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/vm_machparam.h
1853 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/x_call.h
1854 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/xc_impl.h
1855 $(sparc_ONLY)file path=usr/platform/sun4v/include/sys/zsmach.h
1856 $(sparc_ONLY)file path=usr/platform/sun4v/include/vm/hat_sfmmu.h
1857 $(sparc_ONLY)file path=usr/platform/sun4v/include/vm/mach_sfmmu.h
1858 file path=usr/share/man/man3head/acct.3head
1859 file path=usr/share/man/man3head/acct.h.3head
1860 file path=usr/share/man/man3head/aio.3head
1861 file path=usr/share/man/man3head/aio.h.3head
1862 file path=usr/share/man/man3head/ar.3head
1863 file path=usr/share/man/man3head/ar.h.3head
1864 file path=usr/share/man/man3head/archives.3head
1865 file path=usr/share/man/man3head/archives.h.3head
1866 file path=usr/share/man/man3head/assert.3head
1867 file path=usr/share/man/man3head/assert.h.3head
1868 file path=usr/share/man/man3head/complex.3head
1869 file path=usr/share/man/man3head/complex.h.3head
1870 file path=usr/share/man/man3head/cpio.3head
1871 file path=usr/share/man/man3head/cpio.h.3head
1872 file path=usr/share/man/man3head/dirent.3head
1873 file path=usr/share/man/man3head/dirent.h.3head
1874 file path=usr/share/man/man3head/errno.3head
1875 file path=usr/share/man/man3head/errno.h.3head
1876 file path=usr/share/man/man3head/fcntl.3head
1877 file path=usr/share/man/man3head/fcntl.h.3head
1878 file path=usr/share/man/man3head/fenv.3head
1879 file path=usr/share/man/man3head/fenv.h.3head
1880 file path=usr/share/man/man3head/float.3head
1881 file path=usr/share/man/man3head/float.h.3head
1882 file path=usr/share/man/man3head/floatingpoint.3head
1883 file path=usr/share/man/man3head/floatingpoint.h.3head
1884 file path=usr/share/man/man3head/fmtmsg.3head
1885 file path=usr/share/man/man3head/fmtmsg.h.3head
1886 file path=usr/share/man/man3head/fnmatch.3head
1887 file path=usr/share/man/man3head/fnmatch.h.3head
1888 file path=usr/share/man/man3head/ftw.3head
1889 file path=usr/share/man/man3head/ftw.h.3head
1890 file path=usr/share/man/man3head/glob.3head
1891 file path=usr/share/man/man3head/glob.h.3head
1892 file path=usr/share/man/man3head/grp.3head
1893 file path=usr/share/man/man3head/grp.h.3head
1894 file path=usr/share/man/man3head/iconv.3head
1895 file path=usr/share/man/man3head/iconv.h.3head
1896 file path=usr/share/man/man3head/if.3head
1897 file path=usr/share/man/man3head/if.h.3head
1898 file path=usr/share/man/man3head/in.3head
1899 file path=usr/share/man/man3head/in.h.3head
1900 file path=usr/share/man/man3head/inet.3head
1901 file path=usr/share/man/man3head/inet.h.3head
1902 file path=usr/share/man/man3head/inttypes.3head
1903 file path=usr/share/man/man3head/inttypes.h.3head
1904 file path=usr/share/man/man3head/ipc.3head
1905 file path=usr/share/man/man3head/ipc.h.3head
1906 file path=usr/share/man/man3head/iso646.3head
1907 file path=usr/share/man/man3head/iso646.h.3head
1908 file path=usr/share/man/man3head/langinfo.3head
1909 file path=usr/share/man/man3head/langinfo.h.3head

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1910 file path=usr/share/man/man3head/libgen.3head
1911 file path=usr/share/man/man3head/libgen.h.3head
1912 file path=usr/share/man/man3head/libintl.3head
1913 file path=usr/share/man/man3head/libintl.h.3head
1914 file path=usr/share/man/man3head/limits.3head
1915 file path=usr/share/man/man3head/limits.h.3head
1916 file path=usr/share/man/man3head/locale.3head
1917 file path=usr/share/man/man3head/locale.h.3head
1918 file path=usr/share/man/man3head/math.3head
1919 file path=usr/share/man/man3head/math.h.3head
1920 file path=usr/share/man/man3head/mman.3head
1921 file path=usr/share/man/man3head/mman.h.3head
1922 file path=usr/share/man/man3head/monetary.3head
1923 file path=usr/share/man/man3head/monetary.h.3head
1924 file path=usr/share/man/man3head/mqueue.3head
1925 file path=usr/share/man/man3head/mqueue.h.3head
1926 file path=usr/share/man/man3head/msg.3head
1927 file path=usr/share/man/man3head/msg.h.3head
1928 file path=usr/share/man/man3head/ndbm.3head
1929 file path=usr/share/man/man3head/ndbm.h.3head
1930 file path=usr/share/man/man3head/netdb.3head
1931 file path=usr/share/man/man3head/netdb.h.3head
1932 file path=usr/share/man/man3head/nl_types.3head
1933 file path=usr/share/man/man3head/nl_types.h.3head
1934 file path=usr/share/man/man3head/poll.3head
1935 file path=usr/share/man/man3head/poll.h.3head
1936 file path=usr/share/man/man3head/pthread.3head
1937 file path=usr/share/man/man3head/pthread.h.3head
1938 file path=usr/share/man/man3head/pwd.3head
1939 file path=usr/share/man/man3head/pwd.h.3head
1940 file path=usr/share/man/man3head/regex.3head
1941 file path=usr/share/man/man3head/regex.h.3head
1942 file path=usr/share/man/man3head/resource.3head
1943 file path=usr/share/man/man3head/resource.h.3head
1944 file path=usr/share/man/man3head/sched.3head
1945 file path=usr/share/man/man3head/sched.h.3head
1946 file path=usr/share/man/man3head/search.3head
1947 file path=usr/share/man/man3head/search.h.3head
1948 file path=usr/share/man/man3head/select.3head
1949 file path=usr/share/man/man3head/select.h.3head
1950 file path=usr/share/man/man3head/sem.3head
1951 file path=usr/share/man/man3head/sem.h.3head
1952 file path=usr/share/man/man3head/semaphore.3head
1953 file path=usr/share/man/man3head/semaphore.h.3head
1954 file path=usr/share/man/man3head/setjmp.3head
1955 file path=usr/share/man/man3head/setjmp.h.3head
1956 file path=usr/share/man/man3head/shm.3head
1957 file path=usr/share/man/man3head/shm.h.3head
1958 file path=usr/share/man/man3head/signinfo.3head
1959 file path=usr/share/man/man3head/signinfo.h.3head
1960 file path=usr/share/man/man3head/signal.3head
1961 file path=usr/share/man/man3head/signal.h.3head
1962 file path=usr/share/man/man3head/socket.3head
1963 file path=usr/share/man/man3head/socket.h.3head
1964 file path=usr/share/man/man3head/spawn.3head
1965 file path=usr/share/man/man3head/spawn.h.3head
1966 file path=usr/share/man/man3head/stat.3head
1967 file path=usr/share/man/man3head/stat.h.3head
1968 file path=usr/share/man/man3head/statvfs.3head
1969 file path=usr/share/man/man3head/statvfs.h.3head
1970 file path=usr/share/man/man3head/stdbool.3head
1971 file path=usr/share/man/man3head/stdbool.h.3head
1972 file path=usr/share/man/man3head/stddef.3head
1973 file path=usr/share/man/man3head/stddef.h.3head
1974 file path=usr/share/man/man3head/stdint.3head
1975 file path=usr/share/man/man3head/stdint.h.3head

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1976 file path=usr/share/man/man3head/stdio.3head
1977 file path=usr/share/man/man3head/stdio.h.3head
1978 file path=usr/share/man/man3head/stdlib.3head
1979 file path=usr/share/man/man3head/stdlib.h.3head
1980 file path=usr/share/man/man3head/string.3head
1981 file path=usr/share/man/man3head/string.h.3head
1982 file path=usr/share/man/man3head/strings.3head
1983 file path=usr/share/man/man3head/strings.h.3head
1984 file path=usr/share/man/man3head/stropts.3head
1985 file path=usr/share/man/man3head/stropts.h.3head
1986 file path=usr/share/man/man3head/syslog.3head
1987 file path=usr/share/man/man3head/syslog.h.3head
1988 file path=usr/share/man/man3head/tar.3head
1989 file path=usr/share/man/man3head/tar.h.3head
1990 file path=usr/share/man/man3head/tcp.3head
1991 file path=usr/share/man/man3head/tcp.h.3head
1992 file path=usr/share/man/man3head/termios.3head
1993 file path=usr/share/man/man3head/termios.h.3head
1994 file path=usr/share/man/man3head/tgmath.3head
1995 file path=usr/share/man/man3head/tgmath.h.3head
1996 file path=usr/share/man/man3head/time.3head
1997 file path=usr/share/man/man3head/time.h.3head
1998 file path=usr/share/man/man3head/timeb.3head
1999 file path=usr/share/man/man3head/timeb.h.3head
2000 file path=usr/share/man/man3head/times.3head
2001 file path=usr/share/man/man3head/times.h.3head
2002 file path=usr/share/man/man3head/types.3head
2003 file path=usr/share/man/man3head/types.h.3head
2004 file path=usr/share/man/man3head/types32.3head
2005 file path=usr/share/man/man3head/types32.h.3head
2006 file path=usr/share/man/man3head/ucontext.3head
2007 file path=usr/share/man/man3head/ucontext.h.3head
2008 file path=usr/share/man/man3head/uio.3head
2009 file path=usr/share/man/man3head/uio.h.3head
2010 file path=usr/share/man/man3head/ulimit.3head
2011 file path=usr/share/man/man3head/ulimit.h.3head
2012 file path=usr/share/man/man3head/un.3head
2013 file path=usr/share/man/man3head/un.h.3head
2014 file path=usr/share/man/man3head/unistd.3head
2015 file path=usr/share/man/man3head/unistd.h.3head
2016 file path=usr/share/man/man3head/utime.3head
2017 file path=usr/share/man/man3head/utime.h.3head
2018 file path=usr/share/man/man3head/utmpx.3head
2019 file path=usr/share/man/man3head/utmpx.h.3head
2020 file path=usr/share/man/man3head/utsname.3head
2021 file path=usr/share/man/man3head/utsname.h.3head
2022 file path=usr/share/man/man3head/values.3head
2023 file path=usr/share/man/man3head/values.h.3head
2024 file path=usr/share/man/man3head/wait.3head
2025 file path=usr/share/man/man3head/wait.h.3head
2026 file path=usr/share/man/man3head/wchar.3head
2027 file path=usr/share/man/man3head/wchar.h.3head
2028 file path=usr/share/man/man3head/wctype.3head
2029 file path=usr/share/man/man3head/wctype.h.3head
2030 file path=usr/share/man/man3head/wordexp.3head
2031 file path=usr/share/man/man3head/wordexp.h.3head
2032 file path=usr/share/man/man4/note.4
2033 file path=usr/share/man/man5/prof.5
2034 file path=usr/share/man/man7i/cdio.7i
2035 file path=usr/share/man/man7i/dkio.7i
2036 file path=usr/share/man/man7i/fbio.7i
2037 file path=usr/share/man/man7i/fdio.7i
2038 file path=usr/share/man/man7i/hdio.7i
2039 file path=usr/share/man/man7i/iec61883.7i
2040 file path=usr/share/man/man7i/mhd.7i
2041 file path=usr/share/man/man7i/mtio.7i

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2042 file path=usr/share/man/man7i/prnio.7i
2043 file path=usr/share/man/man7i/quotactl.7i
2044 file path=usr/share/man/man7i/sesio.7i
2045 file path=usr/share/man/man7i/sockio.7i
2046 file path=usr/share/man/man7i/streamio.7i
2047 file path=usr/share/man/man7i/termio.7i
2048 file path=usr/share/man/man7i/termiox.7i
2049 file path=usr/share/man/man7i/uscsi.7i
2050 file path=usr/share/man/man7i/visual_io.7i
2051 file path=usr/share/man/man7i/vt.7i
2052 file path=usr/xpg4/include/curses.h
2053 file path=usr/xpg4/include/term.h
2054 file path=usr/xpg4/include/unctrl.h
2055 legacy pkg=SUNWhea \
2056 desc="SunOS C/C++ header files for general development of software" \
2057 name="SunOS Header Files"
2058 license cr_Sun license=cr_Sun
2059 license lic_CDDL license=lic_CDDL
2060 license license_in_headers license=license_in_headers
2061 license usr/src/lib/pkcs11/include/THIRDPARTYLICENSE \
2062 license=usr/src/lib/pkcs11/include/THIRDPARTYLICENSE
2063 link path=usr/include/iso/assert_iso.h target=../assert.h
2064 link path=usr/include/iso/errno_iso.h target=../errno.h
2065 link path=usr/include/iso/float_iso.h target=../float.h
2066 link path=usr/include/iso/iso646_iso.h target=../iso646.h
2067 $(sparc_ONLY)link path=usr/platform/SUNW,A70/include target=../sun4u/include
2068 $(sparc_ONLY)link path=usr/platform/SUNW,Netra-T12/include \
2069 target=../sun4u/include
2070 $(sparc_ONLY)link path=usr/platform/SUNW,Netra-T4/include \
2071 target=../sun4u/include
2072 $(sparc_ONLY)link path=usr/platform/SUNW,SPARC-Enterprise/include \
2073 target=../sun4u/include
2074 $(sparc_ONLY)link path=usr/platform/SUNW,Serverblad1/include \
2075 target=../sun4u/include
2076 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Blade-100/include \
2077 target=../sun4u/include
2078 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Blade-1000/include \
2079 target=../sun4u/include
2080 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Blade-1500/include \
2081 target=../sun4u/include
2082 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Blade-2500/include \
2083 target=../sun4u/include
2084 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Fire-15000/include \
2085 target=../sun4u/include
2086 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Fire-280R/include \
2087 target=../sun4u/include
2088 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Fire-480R/include \
2089 target=../sun4u/include
2090 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Fire-880/include \
2091 target=../sun4u/include
2092 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Fire-V215/include \
2093 target=../sun4u/include
2094 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Fire-V240/include \
2095 target=../sun4u/include
2096 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Fire-V250/include \
2097 target=../sun4u/include
2098 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Fire-V440/include \
2099 target=../sun4u/include
2100 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Fire-V445/include \
2101 target=../sun4u/include
2102 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Fire-V490/include \
2103 target=../sun4u/include
2104 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Fire-V890/include \
2105 target=../sun4u/include
2106 $(sparc_ONLY)link path=usr/platform/SUNW,Sun-Fire/include \
2107 target=../sun4u/include

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```
2108 $(sparc_ONLY)link path=usr/platform/SUNW,Ultra-2/include \  
2109     target=../sun4u/include  
2110 $(sparc_ONLY)link path=usr/platform/SUNW,Ultra-250/include \  
2111     target=../sun4u/include  
2112 $(sparc_ONLY)link path=usr/platform/SUNW,Ultra-4/include \  
2113     target=../sun4u/include  
2114 $(sparc_ONLY)link path=usr/platform/SUNW,Ultra-Enterprise-10000/include \  
2115     target=../sun4u/include  
2116 $(sparc_ONLY)link path=usr/platform/SUNW,Ultra-Enterprise/include \  
2117     target=../sun4u/include  
2118 $(sparc_ONLY)link path=usr/platform/SUNW,UltraSPARC-IIe-NetraCT-40/include \  
2119     target=../sun4u/include  
2120 $(sparc_ONLY)link path=usr/platform/SUNW,UltraSPARC-IIe-NetraCT-60/include \  
2121     target=../sun4u/include  
2122 $(sparc_ONLY)link path=usr/platform/SUNW,UltraSPARC-III-Netract/include \  
2123     target=../sun4u/include  
2124 $(i386_ONLY)link path=usr/share/src/uts/i86pc/sys \  
2125     target=../../../../platform/i86pc/include/sys  
2126 $(i386_ONLY)link path=usr/share/src/uts/i86pc/vm \  
2127     target=../../../../platform/i86pc/include/vm  
2128 $(i386_ONLY)link path=usr/share/src/uts/i86xpv/sys \  
2129     target=../../../../platform/i86xpv/include/sys  
2130 $(i386_ONLY)link path=usr/share/src/uts/i86xpv/vm \  
2131     target=../../../../platform/i86xpv/include/vm  
2132 $(sparc_ONLY)link path=usr/share/src/uts/sun4u/sys \  
2133     target=../../../../platform/sun4u/include/sys  
2134 $(sparc_ONLY)link path=usr/share/src/uts/sun4u/vm \  
2135     target=../../../../platform/sun4u/include/vm  
2136 $(sparc_ONLY)link path=usr/share/src/uts/sun4v/sys \  
2137     target=../../../../platform/sun4v/include/sys  
2138 $(sparc_ONLY)link path=usr/share/src/uts/sun4v/vm \  
2139     target=../../../../platform/sun4v/include/vm
```

new/usr/src/pkg/manifests/system-kernel.mf

1

```
*****
45226 Tue Feb 19 01:00:52 2013
new/usr/src/pkg/manifests/system-kernel.mf
Integrated Edon-R hash function.
*****
1 #
2 # CDDL HEADER START
3 #
4 # The contents of this file are subject to the terms of the
5 # Common Development and Distribution License (the "License").
6 # You may not use this file except in compliance with the License.
7 #
8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
11 # and limitations under the License.
12 #
13 # When distributing Covered Code, include this CDDL HEADER in each
14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
15 # If applicable, add the following below this CDDL HEADER, with the
16 # fields enclosed by brackets "[]" replaced with your own identifying
17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 #
23 # Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
24 #
25 #
26 #
27 # The default for payload-bearing actions in this package is to appear in the
28 # global zone only. See the include file for greater detail, as well as
29 # information about overriding the defaults.
30 #
31 <include global_zone_only_component>
32 <include system-kernel.man1m.inc>
33 <include system-kernel.man2.inc>
34 <include system-kernel.man4.inc>
35 <include system-kernel.man5.inc>
36 <include system-kernel.man7.inc>
37 <include system-kernel.man7d.inc>
38 <include system-kernel.man7fs.inc>
39 <include system-kernel.man7m.inc>
40 <include system-kernel.man7p.inc>
41 <include system-kernel.man9.inc>
42 <include system-kernel.man9e.inc>
43 <include system-kernel.man9f.inc>
44 <include system-kernel.man9p.inc>
45 <include system-kernel.man9s.inc>
46 set name=pkg.fmri value=pkg:/system/kernel@$(PKGVERS)
47 set name=pkg.description \
48     value="core kernel software for a specific instruction-set architecture"
49 set name=pkg.summary value="Core Solaris Kernel"
50 set name=info.classification value=org.opensolaris.category.2008:System/Core
51 set name=variant.arch value=$(ARCH)
52 dir path=boot group=sys
53 $(i386_ONLY)dir path=boot/acpi group=sys
54 $(i386_ONLY)dir path=boot/acpi/tables group=sys
55 dir path=boot/solaris group=sys
56 dir path=boot/solaris/bin group=sys
57 dir path=etc group=sys
58 dir path=etc/crypto group=sys
59 dir path=etc/sock2path.d group=sys
60 dir path=kernel group=sys
61 $(i386_ONLY)dir path=kernel/$(ARCH64) group=sys
```

new/usr/src/pkg/manifests/system-kernel.mf

2

```
62 dir path=kernel/crypto group=sys
63 dir path=kernel/crypto/$(ARCH64) group=sys
64 dir path=kernel/dacf group=sys
65 dir path=kernel/dacf/$(ARCH64) group=sys
66 dir path=kernel/drv group=sys
67 dir path=kernel/drv/$(ARCH64) group=sys
68 dir path=kernel/exec group=sys
69 dir path=kernel/exec/$(ARCH64) group=sys
70 dir path=kernel/fs group=sys
71 dir path=kernel/fs/$(ARCH64) group=sys
72 dir path=kernel/ipp group=sys
73 dir path=kernel/ipp/$(ARCH64) group=sys
74 dir path=kernel/kiconv group=sys
75 dir path=kernel/kiconv/$(ARCH64) group=sys
76 dir path=kernel/mac group=sys
77 dir path=kernel/mac/$(ARCH64) group=sys
78 dir path=kernel/misc group=sys
79 dir path=kernel/misc/$(ARCH64) group=sys
80 dir path=kernel/misc/scsi_vhci group=sys
81 dir path=kernel/misc/scsi_vhci/$(ARCH64) group=sys
82 dir path=kernel/sched group=sys
83 dir path=kernel/sched/$(ARCH64) group=sys
84 dir path=kernel/socketmod group=sys
85 dir path=kernel/socketmod/$(ARCH64) group=sys
86 dir path=kernel/strmod group=sys
87 dir path=kernel/strmod/$(ARCH64) group=sys
88 dir path=kernel/sys group=sys
89 dir path=kernel/sys/$(ARCH64) group=sys
90 dir path=lib
91 dir path=lib/svc
92 dir path=lib/svc/manifest group=sys
93 dir path=lib/svc/manifest/system group=sys
94 dir path=lib/svc/method
95 dir path=usr/share/man
96 dir path=usr/share/man/man1m
97 dir path=usr/share/man/man2
98 dir path=usr/share/man/man3
99 dir path=usr/share/man/man4
100 dir path=usr/share/man/man5
101 dir path=usr/share/man/man7d
102 dir path=usr/share/man/man7fs
103 dir path=usr/share/man/man7m
104 dir path=usr/share/man/man7p
105 dir path=usr/share/man/man9
106 dir path=usr/share/man/man9e
107 dir path=usr/share/man/man9f
108 dir path=usr/share/man/man9p
109 dir path=usr/share/man/man9s
110 $(i386_ONLY)driver name=acpi_drv perms="* 0666 root sys"
111 driver name=aggr perms="* 0666 root sys"
112 driver name=arp perms="arp 0666 root sys"
113 driver name=bl perms="* 0666 root sys"
114 driver name=bridge clone_perms="bridge 0666 root sys" \
115     policy="read_priv_set=net_rawaccess write_priv_set=net_rawaccess"
116 $(sparc_ONLY)driver name=bscibus alias=SUNW,bscibus
117 $(i386_ONLY)driver name=bscibus alias=SVI0101
118 $(sparc_ONLY)driver name=bsciv alias=SUNW,bsciv perms="* 0644 root sys"
119 $(i386_ONLY)driver name=bscv
120 driver name=clone
121 driver name=cn perms="* 0620 root tty"
122 driver name=conskbd perms="kbd 0666 root sys"
123 driver name=consms perms="mouse 0666 root sys"
124 driver name=cpuid perms="self 0644 root sys"
125 $(i386_ONLY)driver name=cpunex alias=cpus
126 driver name=crypto perms="crypto 0666 root sys"
127 driver name=cryptoadm perms="cryptoadm 0644 root sys"
```

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128 $(sparc_ONLY)driver name=dad alias=ide-disk perms="* 0640 root sys"
129 driver name=devinfo perms="devinfo 0640 root sys" \
130 perms="devinfo,ro 0444 root sys"
131 driver name=dld perms="* 0666 root sys"
132 driver name=dlpistub perms="* 0666 root sys"
133 $(sparc_ONLY)driver name=i8042 alias=8042
134 $(i386_ONLY)driver name=i8042
135 driver name=icmp perms="icmp 0666 root sys" \
136 policy="read_priv_set=net_icmpaccess write_priv_set=net_icmpaccess"
137 driver name=icmp6 perms="icmp6 0666 root sys" \
138 policy="read_priv_set=net_icmpaccess write_priv_set=net_icmpaccess"
139 $(i386_ONLY)driver name=intel_nb5000 \
140 alias=pci8086,25c0 \
141 alias=pci8086,25d0 \
142 alias=pci8086,25d4 \
143 alias=pci8086,25d8 \
144 alias=pci8086,3600 \
145 alias=pci8086,4000 \
146 alias=pci8086,4001 \
147 alias=pci8086,4003 \
148 alias=pci8086,65c0 \
149 $(i386_ONLY)driver name=intel_nhm \
150 alias=pci8086,3423 \
151 alias=pci8086,372a
152 $(i386_ONLY)driver name=intel_nhmex alias=pci8086,3438
153 driver name=ip perms="ip 0666 root sys" \
154 policy="read_priv_set=net_rawaccess write_priv_set=net_rawaccess"
155 driver name=ip6 perms="ip6 0666 root sys" \
156 policy="read_priv_set=net_rawaccess write_priv_set=net_rawaccess"
157 driver name=ipnet perms="lo0 0666 root sys" \
158 policy="read_priv_set=net_observability write_priv_set=net_observability"
159 driver name=ippctl
160 driver name=ipsecah perms="ipsecah 0666 root sys" \
161 policy="read_priv_set=sys_ip_config write_priv_set=sys_ip_config"
162 driver name=ipsecesp perms="ipsecesp 0666 root sys" \
163 policy="read_priv_set=sys_ip_config write_priv_set=sys_ip_config"
164 driver name=iptun
165 driver name=iwscn
166 driver name=kb8042 alias=pnpPNP,303
167 driver name=keysock perms="keysock 0666 root sys" \
168 policy="read_priv_set=sys_ip_config write_priv_set=sys_ip_config"
169 driver name=kmdb
170 driver name=kssl perms="* 0666 root sys"
171 driver name=llcl clone_perms="llcl 0666 root sys"
172 driver name=lofi perms="* 0600 root sys" perms="ctl 0644 root sys"
173 driver name=log perms="conslog 0666 root sys" perms="log 0640 root sys"
174 $(i386_ONLY)driver name=mc-amd \
175 alias=pci1022,1100 \
176 alias=pci1022,1101 \
177 alias=pci1022,1102
178 driver name=mm perms="allkmem 0600 root sys" perms="kmem 0640 root sys" \
179 perms="mem 0640 root sys" perms="null 0666 root sys" \
180 perms="zero 0666 root sys" \
181 policy="allkmem read_priv_set=all write_priv_set=all" \
182 policy="kmem read_priv_set=none write_priv_set=all" \
183 policy="mem read_priv_set=none write_priv_set=all"
184 driver name=mouse8042 alias=pnpPNP,f03
185 $(i386_ONLY)driver name=mpt class=scsi \
186 alias=pci1000,30 \
187 alias=pci1000,50 \
188 alias=pci1000,54 \
189 alias=pci1000,56 \
190 alias=pci1000,58 \
191 alias=pci1000,62 \
192 alias=pciex1000,56 \
193 alias=pciex1000,58 \

```

```

194 alias=pciex1000,62
195 driver name=nulldriver \
196 alias=scsa,nodev \
197 alias=scsa,probe
198 driver name=openeepr perms="openprom 0640 root sys" policy=write_priv_set=all
199 driver name=options
200 $(sparc_ONLY)driver name=pci_pci class=pci \
201 alias=pci1011,1 \
202 alias=pci1011,21 \
203 alias=pci1011,24 \
204 alias=pci1011,25 \
205 alias=pci1011,26 \
206 alias=pci1014,22 \
207 alias=pciclass,060400
208 $(i386_ONLY)driver name=pci_pci class=pci \
209 alias=pci1011,1 \
210 alias=pci1011,21 \
211 alias=pci1014,22 \
212 alias=pciclass,060400 \
213 alias=pciclass,060401
214 $(sparc_ONLY)driver name=pcieb \
215 alias=pciex108e,9010 \
216 alias=pciex108e,9020 \
217 alias=pciex10b5,8114 \
218 alias=pciex10b5,8516 \
219 alias=pciex10b5,8517 \
220 alias=pciex10b5,8518 \
221 alias=pciex10b5,8532 \
222 alias=pciex10b5,8533 \
223 alias=pciex10b5,8548 \
224 alias=pciexclass,060400
225 $(i386_ONLY)driver name=pcieb \
226 alias=pciexclass,060400 \
227 alias=pciexclass,060401
228 $(sparc_ONLY)driver name=pcieb_bcm alias=pciex1166,103
229 driver name=phymem perms="* 0600 root sys"
230 driver name=poll perms="* 0666 root sys"
231 $(sparc_ONLY)driver name=power alias=ali1535d+-power
232 $(i386_ONLY)driver name=power
233 driver name=pseudo alias=zconsnex
234 driver name=ptc perms="* 0666 root sys"
235 driver name=ptsl perms="* 0666 root sys"
236 $(sparc_ONLY)driver name=ramdisk alias=SUNW,ramdisk perms="* 0600 root sys" \
237 perms="ctl 0644 root sys"
238 $(i386_ONLY)driver name=ramdisk perms="* 0600 root sys" \
239 perms="ctl 0644 root sys"
240 driver name=random perms="* 0644 root sys" policy=write_priv_set=sys_devices
241 driver name=rts perms="rts 0666 root sys"
242 driver name=sad perms="admin 0666 root sys" perms="user 0666 root sys"
243 driver name=scsi_vhci class=scsi-self-identifying perms="* 0666 root sys" \
244 policy="devctl write_priv_set=sys_devices"
245 $(sparc_ONLY)driver name=sd perms="* 0640 root sys" \
246 alias=ide-cdrom \
247 alias=scsiclass,00 \
248 alias=scsiclass,05
249 $(i386_ONLY)driver name=sd perms="* 0640 root sys" \
250 alias=scsiclass,00 \
251 alias=scsiclass,05
252 driver name=sugen perms="* 0600 root sys" \
253 alias=scsa,08.bfcp \
254 alias=scsa,08.bvhci
255 driver name=simmet clone_perms="simmet 0666 root sys" perms="* 0666 root sys"
256 $(i386_ONLY)driver name=smbios perms="smbios 0444 root sys"
257 driver name=softmac
258 driver name=spdssock perms="spdssock 0666 root sys" \
259 policy="read_priv_set=sys_ip_config write_priv_set=sys_ip_config"

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260 driver name=st alias=scsiclass,01 perms="* 0666 root sys"
261 driver name=sy perms="tty 0666 root tty"
262 driver name=sysevent perms="* 0600 root sys"
263 driver name=sysmsg perms="msglog 0600 root sys" perms="sysmsg 0600 root sys"
264 driver name=tcp perms="tcp 0666 root sys"
265 driver name=tcp6 perms="tcp6 0666 root sys"
266 driver name=tl perms="* 0666 root sys" clone_perms="ticlts 0666 root sys" \
267   clone_perms="ticots 0666 root sys" clone_perms="ticotsord 0666 root sys"
268 $(sparc_ONLY)driver name=ttymux alias=multiplexer
269 $(i386_ONLY)driver name=tzmon
270 $(sparc_ONLY)driver name=uata \
271   alias=pci1095,646 \
272   alias=pci1095,649 \
273   alias=pci1095,680 \
274   alias=pci10b9,5229 \
275   alias=pci10b9,5288 class=dada class=scsi
276 $(i386_ONLY)driver name=ucode perms="* 0644 root sys"
277 driver name=udp perms="udp 0666 root sys"
278 driver name=udp6 perms="udp6 0666 root sys"
279 $(i386_ONLY)driver name=vgatext \
280   alias=pci1class,000100 \
281   alias=pci1class,030000 \
282   alias=pci1class,030001 \
283   alias=pnpPNP,900
284 driver name=vnic clone_perms="vnic 0666 root sys" perms="* 0666 root sys"
285 driver name=wc perms="* 0600 root sys"
286 $(i386_ONLY)file path=boot/solaris/bin/create_diskmap group=sys mode=0555
287 file path=boot/solaris/bin/create_ramdisk group=sys mode=0555
288 file path=boot/solaris/bin/extract_boot_filelist group=sys mode=0555
289 $(i386_ONLY)file path=boot/solaris/bin/mbr group=sys mode=0555
290 $(i386_ONLY)file path=boot/solaris/bin/symdef group=sys mode=0555
291 $(i386_ONLY)file path=boot/solaris/bin/update_grub group=sys mode=0555
292 file path=boot/solaris/filelist.ramdisk group=sys
293 file path=boot/solaris/filelist.safe group=sys
294 file path=etc/crypto/kcf.conf group=sys \
295   original_name=SUNWckr:etc/crypto/kcf.conf preserve=true
296 file path=etc/name_to_sysnum group=sys \
297   original_name=SUNWckr:etc/name_to_sysnum preserve=renameold
298 file path=etc/sock2path.d/system%2Fkernel group=sys
299 file path=etc/system group=sys original_name=SUNWckr:etc/system preserve=true
300 $(i386_ONLY)file path=kernel/$(ARCH64)/genunix group=sys mode=0755
301 file path=kernel/crypto/$(ARCH64)/aes group=sys mode=0755
302 file path=kernel/crypto/$(ARCH64)/arcfour group=sys mode=0755
303 file path=kernel/crypto/$(ARCH64)/blowfish group=sys mode=0755
304 file path=kernel/crypto/$(ARCH64)/des group=sys mode=0755
305 file path=kernel/crypto/$(ARCH64)/ecc group=sys mode=0755
306 file path=kernel/crypto/$(ARCH64)/edonr group=sys mode=0755
307 file path=kernel/crypto/$(ARCH64)/md4 group=sys mode=0755
308 file path=kernel/crypto/$(ARCH64)/md5 group=sys mode=0755
309 file path=kernel/crypto/$(ARCH64)/rsa group=sys mode=0755
310 file path=kernel/crypto/$(ARCH64)/sha1 group=sys mode=0755
311 file path=kernel/crypto/$(ARCH64)/sha2 group=sys mode=0755
312 file path=kernel/crypto/$(ARCH64)/swrand group=sys mode=0755
313 $(i386_ONLY)file path=kernel/crypto/aes group=sys mode=0755
314 $(i386_ONLY)file path=kernel/crypto/arcfour group=sys mode=0755
315 $(i386_ONLY)file path=kernel/crypto/blowfish group=sys mode=0755
316 $(i386_ONLY)file path=kernel/crypto/des group=sys mode=0755
317 $(i386_ONLY)file path=kernel/crypto/ecc group=sys mode=0755
318 $(i386_ONLY)file path=kernel/crypto/edonr group=sys mode=0755
319 $(i386_ONLY)file path=kernel/crypto/md4 group=sys mode=0755
320 $(i386_ONLY)file path=kernel/crypto/md5 group=sys mode=0755
321 $(i386_ONLY)file path=kernel/crypto/rsa group=sys mode=0755
322 $(i386_ONLY)file path=kernel/crypto/sha1 group=sys mode=0755
323 $(i386_ONLY)file path=kernel/crypto/sha2 group=sys mode=0755
324 $(i386_ONLY)file path=kernel/crypto/swrand group=sys mode=0755
325 $(sparc_ONLY)file path=kernel/dacf/$(ARCH64)/consconfig_dacf group=sys \

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326   mode=0755
327 file path=kernel/dacf/$(ARCH64)/net_dacf group=sys mode=0755
328 $(i386_ONLY)file path=kernel/dacf/net_dacf group=sys mode=0755
329 $(i386_ONLY)file path=kernel/drv/$(ARCH64)/acpi_drv group=sys
330 $(i386_ONLY)file path=kernel/drv/$(ARCH64)/acpi_toshiba group=sys
331 file path=kernel/drv/$(ARCH64)/aggr group=sys
332 file path=kernel/drv/$(ARCH64)/arp group=sys
333 file path=kernel/drv/$(ARCH64)/bl group=sys
334 file path=kernel/drv/$(ARCH64)/bridge group=sys
335 $(i386_ONLY)file path=kernel/drv/$(ARCH64)/bscibus group=sys
336 $(i386_ONLY)file path=kernel/drv/$(ARCH64)/bscv group=sys
337 file path=kernel/drv/$(ARCH64)/clone group=sys
338 file path=kernel/drv/$(ARCH64)/cn group=sys
339 file path=kernel/drv/$(ARCH64)/conskbd group=sys
340 file path=kernel/drv/$(ARCH64)/consm group=sys
341 file path=kernel/drv/$(ARCH64)/cpuid group=sys
342 $(i386_ONLY)file path=kernel/drv/$(ARCH64)/cpunex group=sys
343 file path=kernel/drv/$(ARCH64)/crypto group=sys
344 file path=kernel/drv/$(ARCH64)/cryptoadm group=sys
345 $(sparc_ONLY)file path=kernel/drv/$(ARCH64)/dad group=sys
346 file path=kernel/drv/$(ARCH64)/devinfo group=sys
347 file path=kernel/drv/$(ARCH64)/dld group=sys
348 file path=kernel/drv/$(ARCH64)/dlpistub group=sys
349 file path=kernel/drv/$(ARCH64)/i8042 group=sys
350 file path=kernel/drv/$(ARCH64)/icmp group=sys
351 file path=kernel/drv/$(ARCH64)/icmp6 group=sys
352 $(i386_ONLY)file path=kernel/drv/$(ARCH64)/intel_nb5000 group=sys
353 $(i386_ONLY)file path=kernel/drv/$(ARCH64)/intel_nhm group=sys
354 $(i386_ONLY)file path=kernel/drv/$(ARCH64)/intel_nhmex group=sys
355 file path=kernel/drv/$(ARCH64)/ip group=sys
356 file path=kernel/drv/$(ARCH64)/ip6 group=sys
357 file path=kernel/drv/$(ARCH64)/ipnet group=sys
358 file path=kernel/drv/$(ARCH64)/ippctl group=sys
359 file path=kernel/drv/$(ARCH64)/ipsec group=sys
360 file path=kernel/drv/$(ARCH64)/ipsecsp group=sys
361 file path=kernel/drv/$(ARCH64)/iptun group=sys
362 file path=kernel/drv/$(ARCH64)/iwsn group=sys
363 file path=kernel/drv/$(ARCH64)/kb8042 group=sys
364 file path=kernel/drv/$(ARCH64)/ksock group=sys
365 file path=kernel/drv/$(ARCH64)/kmbd group=sys
366 file path=kernel/drv/$(ARCH64)/kssl group=sys
367 file path=kernel/drv/$(ARCH64)/llcl group=sys
368 file path=kernel/drv/$(ARCH64)/lofi group=sys
369 file path=kernel/drv/$(ARCH64)/log group=sys
370 $(i386_ONLY)file path=kernel/drv/$(ARCH64)/mc-amd group=sys
371 file path=kernel/drv/$(ARCH64)/mm group=sys
372 file path=kernel/drv/$(ARCH64)/mouse8042 group=sys
373 $(i386_ONLY)file path=kernel/drv/$(ARCH64)/mpt group=sys
374 file path=kernel/drv/$(ARCH64)/nulldriver group=sys
375 file path=kernel/drv/$(ARCH64)/openeep group=sys
376 file path=kernel/drv/$(ARCH64)/options group=sys
377 file path=kernel/drv/$(ARCH64)/pci_pci group=sys
378 file path=kernel/drv/$(ARCH64)/pci group=sys
379 $(sparc_ONLY)file path=kernel/drv/$(ARCH64)/pci_bcm group=sys
380 file path=kernel/drv/$(ARCH64)/physmem group=sys
381 file path=kernel/drv/$(ARCH64)/poll group=sys
382 $(i386_ONLY)file path=kernel/drv/$(ARCH64)/power group=sys
383 file path=kernel/drv/$(ARCH64)/pseudo group=sys
384 file path=kernel/drv/$(ARCH64)/ptc group=sys
385 file path=kernel/drv/$(ARCH64)/ptsl group=sys
386 file path=kernel/drv/$(ARCH64)/ramdisk group=sys
387 file path=kernel/drv/$(ARCH64)/random group=sys
388 file path=kernel/drv/$(ARCH64)/rts group=sys
389 file path=kernel/drv/$(ARCH64)/sad group=sys
390 file path=kernel/drv/$(ARCH64)/scsi_vhci group=sys
391 file path=kernel/drv/$(ARCH64)/sd group=sys

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```

392 file path=kernel/drv/$(ARCH64)/sgen group=sys
393 file path=kernel/drv/$(ARCH64)/simnet group=sys
394 $(i386_ONLY)file path=kernel/drv/$(ARCH64)/smbios group=sys
395 file path=kernel/drv/$(ARCH64)/softmac group=sys
396 file path=kernel/drv/$(ARCH64)/spsock group=sys
397 file path=kernel/drv/$(ARCH64)/st group=sys
398 file path=kernel/drv/$(ARCH64)/sy group=sys
399 file path=kernel/drv/$(ARCH64)/sysevent group=sys
400 file path=kernel/drv/$(ARCH64)/sysmsg group=sys
401 file path=kernel/drv/$(ARCH64)/tcp group=sys
402 file path=kernel/drv/$(ARCH64)/tcp6 group=sys
403 file path=kernel/drv/$(ARCH64)/tl group=sys
404 $(sparc_ONLY)file path=kernel/drv/$(ARCH64)/ttymux group=sys
405 $(i386_ONLY)file path=kernel/drv/$(ARCH64)/tzmon group=sys
406 $(sparc_ONLY)file path=kernel/drv/$(ARCH64)/uata group=sys
407 $(i386_ONLY)file path=kernel/drv/$(ARCH64)/ucode group=sys
408 file path=kernel/drv/$(ARCH64)/udp group=sys
409 file path=kernel/drv/$(ARCH64)/udp6 group=sys
410 $(i386_ONLY)file path=kernel/drv/$(ARCH64)/vgatext group=sys
411 file path=kernel/drv/$(ARCH64)/vnic group=sys
412 file path=kernel/drv/$(ARCH64)/wc group=sys
413 $(i386_ONLY)file path=kernel/drv/acpi_drv group=sys
414 $(i386_ONLY)file path=kernel/drv/acpi_drv.conf group=sys
415 $(i386_ONLY)file path=kernel/drv/acpi_toshiba group=sys
416 $(i386_ONLY)file path=kernel/drv/aggr group=sys
417 file path=kernel/drv/aggr.conf group=sys
418 $(i386_ONLY)file path=kernel/drv/arp group=sys
419 file path=kernel/drv/arp.conf group=sys
420 $(i386_ONLY)file path=kernel/drv/bl group=sys
421 file path=kernel/drv/bl.conf group=sys
422 $(i386_ONLY)file path=kernel/drv/bridge group=sys
423 file path=kernel/drv/bridge.conf group=sys
424 $(i386_ONLY)file path=kernel/drv/bscbus group=sys
425 $(i386_ONLY)file path=kernel/drv/bscbus.conf group=sys
426 $(i386_ONLY)file path=kernel/drv/bscv group=sys
427 $(i386_ONLY)file path=kernel/drv/bscv.conf group=sys
428 $(i386_ONLY)file path=kernel/drv/clone group=sys
429 file path=kernel/drv/clone.conf group=sys
430 $(i386_ONLY)file path=kernel/drv/cn group=sys
431 file path=kernel/drv/cn.conf group=sys
432 $(i386_ONLY)file path=kernel/drv/conskbd group=sys
433 file path=kernel/drv/conskbd.conf group=sys
434 $(i386_ONLY)file path=kernel/drv/consms group=sys
435 file path=kernel/drv/consms.conf group=sys
436 $(i386_ONLY)file path=kernel/drv/cpuid group=sys
437 file path=kernel/drv/cpuid.conf group=sys
438 $(i386_ONLY)file path=kernel/drv/cpunex group=sys
439 $(i386_ONLY)file path=kernel/drv/crypto group=sys
440 file path=kernel/drv/crypto.conf group=sys
441 $(i386_ONLY)file path=kernel/drv/cryptoadm group=sys
442 file path=kernel/drv/cryptoadm.conf group=sys
443 $(sparc_ONLY)file path=kernel/drv/dad.conf group=sys
444 $(i386_ONLY)file path=kernel/drv/devinfo group=sys
445 file path=kernel/drv/devinfo.conf group=sys
446 $(i386_ONLY)file path=kernel/drv/dld group=sys
447 file path=kernel/drv/dld.conf group=sys
448 $(i386_ONLY)file path=kernel/drv/dlpistub group=sys
449 file path=kernel/drv/dlpistub.conf group=sys
450 $(i386_ONLY)file path=kernel/drv/i8042 group=sys
451 $(i386_ONLY)file path=kernel/drv/icmp group=sys
452 file path=kernel/drv/icmp.conf group=sys
453 $(i386_ONLY)file path=kernel/drv/icmp6 group=sys
454 file path=kernel/drv/icmp6.conf group=sys
455 $(i386_ONLY)file path=kernel/drv/intel_nb5000 group=sys
456 $(i386_ONLY)file path=kernel/drv/intel_nb5000.conf group=sys
457 $(i386_ONLY)file path=kernel/drv/intel_nhm group=sys

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458 $(i386_ONLY)file path=kernel/drv/intel_nhm.conf group=sys
459 $(i386_ONLY)file path=kernel/drv/intel_nhmex group=sys
460 $(i386_ONLY)file path=kernel/drv/intel_nhmex.conf group=sys
461 $(i386_ONLY)file path=kernel/drv/ip group=sys
462 file path=kernel/drv/ip.conf group=sys
463 $(i386_ONLY)file path=kernel/drv/ip6 group=sys
464 file path=kernel/drv/ip6.conf group=sys
465 $(i386_ONLY)file path=kernel/drv/ipnet group=sys
466 file path=kernel/drv/ipnet.conf group=sys
467 $(i386_ONLY)file path=kernel/drv/ippctl group=sys
468 file path=kernel/drv/ippctl.conf group=sys
469 $(i386_ONLY)file path=kernel/drv/ipsec group=sys
470 file path=kernel/drv/ipsec.conf group=sys
471 $(i386_ONLY)file path=kernel/drv/ipsecsp group=sys
472 file path=kernel/drv/ipsecsp.conf group=sys
473 $(i386_ONLY)file path=kernel/drv/iptun group=sys
474 file path=kernel/drv/iptun.conf group=sys
475 $(i386_ONLY)file path=kernel/drv/iwscn group=sys
476 file path=kernel/drv/iwscn.conf group=sys
477 $(i386_ONLY)file path=kernel/drv/kb8042 group=sys
478 $(i386_ONLY)file path=kernel/drv/keysock group=sys
479 file path=kernel/drv/keysock.conf group=sys
480 $(i386_ONLY)file path=kernel/drv/kmdb group=sys
481 file path=kernel/drv/kmdb.conf group=sys
482 $(i386_ONLY)file path=kernel/drv/kssl group=sys
483 file path=kernel/drv/kssl.conf group=sys
484 $(i386_ONLY)file path=kernel/drv/llcl group=sys
485 file path=kernel/drv/llcl.conf group=sys
486 $(i386_ONLY)file path=kernel/drv/lofi group=sys
487 file path=kernel/drv/lofi.conf group=sys
488 $(i386_ONLY)file path=kernel/drv/log group=sys
489 file path=kernel/drv/log.conf group=sys \
490     original_name=SUNWckr:kernel/drv/log.conf preserve=true
491 $(i386_ONLY)file path=kernel/drv/mc-amd group=sys
492 $(i386_ONLY)file path=kernel/drv/mc-amd.conf group=sys
493 $(i386_ONLY)file path=kernel/drv/mm group=sys
494 file path=kernel/drv/mm.conf group=sys
495 $(i386_ONLY)file path=kernel/drv/mouse8042 group=sys
496 $(i386_ONLY)file path=kernel/drv/mpt group=sys
497 $(i386_ONLY)file path=kernel/drv/mpt.conf group=sys \
498     original_name=SUNWckr:kernel/drv/mpt.conf preserve=true
499 $(i386_ONLY)file path=kernel/drv/nulldriver group=sys
500 $(i386_ONLY)file path=kernel/drv/openeep group=sys
501 file path=kernel/drv/openeep.conf group=sys
502 $(i386_ONLY)file path=kernel/drv/options group=sys
503 file path=kernel/drv/options.conf group=sys
504 $(i386_ONLY)file path=kernel/drv/pci_pci group=sys
505 $(i386_ONLY)file path=kernel/drv/pcieb group=sys
506 file path=kernel/drv/pcieb.conf group=sys
507 $(i386_ONLY)file path=kernel/drv/phymem group=sys
508 file path=kernel/drv/phymem.conf group=sys
509 $(i386_ONLY)file path=kernel/drv/poll group=sys
510 file path=kernel/drv/poll.conf group=sys
511 $(i386_ONLY)file path=kernel/drv/power group=sys
512 $(i386_ONLY)file path=kernel/drv/power.conf group=sys
513 $(i386_ONLY)file path=kernel/drv/pseudo group=sys
514 file path=kernel/drv/pseudo.conf group=sys
515 $(i386_ONLY)file path=kernel/drv/ptc group=sys
516 file path=kernel/drv/ptc.conf group=sys
517 $(i386_ONLY)file path=kernel/drv/ptsl group=sys
518 file path=kernel/drv/ptsl.conf group=sys
519 $(i386_ONLY)file path=kernel/drv/ramdisk group=sys
520 file path=kernel/drv/ramdisk.conf group=sys
521 $(i386_ONLY)file path=kernel/drv/random group=sys
522 file path=kernel/drv/random.conf group=sys
523 $(i386_ONLY)file path=kernel/drv/rts group=sys

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524 file path=kernel/drv/rts.conf group=sys
525 $(i386_ONLY)file path=kernel/drv/sad group=sys
526 file path=kernel/drv/sad.conf group=sys
527 $(i386_ONLY)file path=kernel/drv/scsi_vhci group=sys
528 file path=kernel/drv/scsi_vhci.conf group=sys \
529   original_name=SUNWckr:kernel/drv/scsi_vhci.conf preserve=true
530 $(sparc_ONLY)file path=kernel/drv/sd.conf group=sys \
531   original_name=SUNWckr:kernel/drv/sd.conf preserve=true
532 $(i386_ONLY)file path=kernel/drv/sgen group=sys
533 file path=kernel/drv/sgen.conf group=sys \
534   original_name=SUNWckr:kernel/drv/sgen.conf preserve=true
535 $(i386_ONLY)file path=kernel/drv/simnet group=sys
536 file path=kernel/drv/simnet.conf group=sys
537 $(i386_ONLY)file path=kernel/drv/smbios group=sys
538 $(i386_ONLY)file path=kernel/drv/smbios.conf group=sys
539 $(i386_ONLY)file path=kernel/drv/softmac group=sys
540 file path=kernel/drv/softmac.conf group=sys
541 $(i386_ONLY)file path=kernel/drv/spdsock group=sys
542 file path=kernel/drv/spdsock.conf group=sys
543 $(i386_ONLY)file path=kernel/drv/st group=sys
544 file path=kernel/drv/st.conf group=sys \
545   original_name=SUNWckr:kernel/drv/st.conf preserve=true
546 $(i386_ONLY)file path=kernel/drv/sy group=sys
547 file path=kernel/drv/sy.conf group=sys
548 $(i386_ONLY)file path=kernel/drv/sysevent group=sys
549 file path=kernel/drv/sysevent.conf group=sys
550 $(i386_ONLY)file path=kernel/drv/sysmsg group=sys
551 file path=kernel/drv/sysmsg.conf group=sys
552 $(i386_ONLY)file path=kernel/drv/tcp group=sys
553 file path=kernel/drv/tcp.conf group=sys
554 $(i386_ONLY)file path=kernel/drv/tcp6 group=sys
555 file path=kernel/drv/tcp6.conf group=sys
556 $(i386_ONLY)file path=kernel/drv/tl group=sys
557 file path=kernel/drv/tl.conf group=sys
558 $(i386_ONLY)file path=kernel/drv/tzmon group=sys
559 $(i386_ONLY)file path=kernel/drv/tzmon.conf group=sys
560 $(sparc_ONLY)file path=kernel/drv/uata.conf group=sys \
561   original_name=SUNWckr:kernel/drv/uata.conf preserve=true
562 $(i386_ONLY)file path=kernel/drv/ucode group=sys
563 $(i386_ONLY)file path=kernel/drv/ucode.conf group=sys
564 $(i386_ONLY)file path=kernel/drv/udp group=sys
565 file path=kernel/drv/udp.conf group=sys
566 $(i386_ONLY)file path=kernel/drv/udp6 group=sys
567 file path=kernel/drv/udp6.conf group=sys
568 $(i386_ONLY)file path=kernel/drv/vgatext group=sys
569 $(i386_ONLY)file path=kernel/drv/vnic group=sys
570 file path=kernel/drv/vnic.conf group=sys
571 $(i386_ONLY)file path=kernel/drv/wc group=sys
572 file path=kernel/drv/wc.conf group=sys
573 $(sparc_ONLY)file path=kernel/exec/$(ARCH64)/aoutexec group=sys mode=0755
574 file path=kernel/exec/$(ARCH64)/elfexec group=sys mode=0755
575 file path=kernel/exec/$(ARCH64)/intpexec group=sys mode=0755
576 $(i386_ONLY)file path=kernel/exec/elfexec group=sys mode=0755
577 $(i386_ONLY)file path=kernel/exec/intpexec group=sys mode=0755
578 file path=kernel/fs/$(ARCH64)/autofs group=sys mode=0755
579 file path=kernel/fs/$(ARCH64)/cachefs group=sys mode=0755
580 file path=kernel/fs/$(ARCH64)/ctfs group=sys mode=0755
581 file path=kernel/fs/$(ARCH64)/dcfs group=sys mode=0755
582 file path=kernel/fs/$(ARCH64)/dev group=sys mode=0755
583 file path=kernel/fs/$(ARCH64)/devfs group=sys mode=0755
584 file path=kernel/fs/$(ARCH64)/fifofs group=sys mode=0755
585 file path=kernel/fs/$(ARCH64)/hsfs group=sys mode=0755
586 file path=kernel/fs/$(ARCH64)/lofs group=sys mode=0755
587 file path=kernel/fs/$(ARCH64)/mntfs group=sys mode=0755
588 file path=kernel/fs/$(ARCH64)/namefs group=sys mode=0755
589 file path=kernel/fs/$(ARCH64)/objfs group=sys mode=0755

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590 file path=kernel/fs/$(ARCH64)/procfs group=sys mode=0755
591 file path=kernel/fs/$(ARCH64)/sharefs group=sys mode=0755
592 file path=kernel/fs/$(ARCH64)/sockfs group=sys mode=0755
593 file path=kernel/fs/$(ARCH64)/specfs group=sys mode=0755
594 file path=kernel/fs/$(ARCH64)/tmpfs group=sys mode=0755
595 file path=kernel/fs/$(ARCH64)/ufs group=sys mode=0755
596 $(i386_ONLY)file path=kernel/fs/autofs group=sys mode=0755
597 $(i386_ONLY)file path=kernel/fs/cachefs group=sys mode=0755
598 $(i386_ONLY)file path=kernel/fs/ctfs group=sys mode=0755
599 $(i386_ONLY)file path=kernel/fs/dcfs group=sys mode=0755
600 $(i386_ONLY)file path=kernel/fs/dev group=sys mode=0755
601 $(i386_ONLY)file path=kernel/fs/devfs group=sys mode=0755
602 $(i386_ONLY)file path=kernel/fs/fifofs group=sys mode=0755
603 $(i386_ONLY)file path=kernel/fs/hsfs group=sys mode=0755
604 $(i386_ONLY)file path=kernel/fs/lofs group=sys mode=0755
605 $(i386_ONLY)file path=kernel/fs/mntfs group=sys mode=0755
606 $(i386_ONLY)file path=kernel/fs/namefs group=sys mode=0755
607 $(i386_ONLY)file path=kernel/fs/objfs group=sys mode=0755
608 $(i386_ONLY)file path=kernel/fs/procfs group=sys mode=0755
609 $(i386_ONLY)file path=kernel/fs/sharefs group=sys mode=0755
610 $(i386_ONLY)file path=kernel/fs/sockfs group=sys mode=0755
611 $(i386_ONLY)file path=kernel/fs/specfs group=sys mode=0755
612 $(i386_ONLY)file path=kernel/fs/tmpfs group=sys mode=0755
613 $(i386_ONLY)file path=kernel/fs/ufs group=sys mode=0755
614 $(i386_ONLY)file path=kernel/genunix group=sys mode=0755
615 file path=kernel/ipp/$(ARCH64)/ippgc group=sys mode=0755
616 $(i386_ONLY)file path=kernel/ipp/ippgc group=sys mode=0755
617 file path=kernel/kiconv/$(ARCH64)/kiconv_emea group=sys mode=0755
618 file path=kernel/kiconv/$(ARCH64)/kiconv_ja group=sys mode=0755
619 file path=kernel/kiconv/$(ARCH64)/kiconv_ko group=sys mode=0755
620 file path=kernel/kiconv/$(ARCH64)/kiconv_sc group=sys mode=0755
621 file path=kernel/kiconv/$(ARCH64)/kiconv_tc group=sys mode=0755
622 $(i386_ONLY)file path=kernel/kiconv/kiconv_emea group=sys mode=0755
623 $(i386_ONLY)file path=kernel/kiconv/kiconv_ja group=sys mode=0755
624 $(i386_ONLY)file path=kernel/kiconv/kiconv_ko group=sys mode=0755
625 $(i386_ONLY)file path=kernel/kiconv/kiconv_sc group=sys mode=0755
626 $(i386_ONLY)file path=kernel/kiconv/kiconv_tc group=sys mode=0755
627 file path=kernel/mac/$(ARCH64)/mac_6to4 group=sys mode=0755
628 file path=kernel/mac/$(ARCH64)/mac_ether group=sys mode=0755
629 file path=kernel/mac/$(ARCH64)/mac_ib group=sys mode=0755
630 file path=kernel/mac/$(ARCH64)/mac_ipv4 group=sys mode=0755
631 file path=kernel/mac/$(ARCH64)/mac_ipv6 group=sys mode=0755
632 file path=kernel/mac/$(ARCH64)/mac_wifi group=sys mode=0755
633 $(i386_ONLY)file path=kernel/mac/mac_6to4 group=sys mode=0755
634 $(i386_ONLY)file path=kernel/mac/mac_ether group=sys mode=0755
635 $(i386_ONLY)file path=kernel/mac/mac_ib group=sys mode=0755
636 $(i386_ONLY)file path=kernel/mac/mac_ipv4 group=sys mode=0755
637 $(i386_ONLY)file path=kernel/mac/mac_ipv6 group=sys mode=0755
638 $(i386_ONLY)file path=kernel/mac/mac_wifi group=sys mode=0755
639 $(i386_ONLY)file path=kernel/misc/$(ARCH64)/acpica group=sys mode=0755
640 $(i386_ONLY)file path=kernel/misc/$(ARCH64)/agpmaster group=sys mode=0755
641 file path=kernel/misc/$(ARCH64)/bignum group=sys mode=0755
642 $(i386_ONLY)file path=kernel/misc/$(ARCH64)/bootdev group=sys mode=0755
643 file path=kernel/misc/$(ARCH64)/busra group=sys mode=0755
644 file path=kernel/misc/$(ARCH64)/cardbus group=sys mode=0755
645 file path=kernel/misc/$(ARCH64)/cmlb group=sys mode=0755
646 file path=kernel/misc/$(ARCH64)/consconfig group=sys mode=0755
647 file path=kernel/misc/$(ARCH64)/ctf group=sys mode=0755
648 $(sparc_ONLY)file path=kernel/misc/$(ARCH64)/dada group=sys mode=0755
649 file path=kernel/misc/$(ARCH64)/dls group=sys mode=0755
650 file path=kernel/misc/$(ARCH64)/fssnap_if group=sys mode=0755
651 file path=kernel/misc/$(ARCH64)/gld group=sys mode=0755
652 file path=kernel/misc/$(ARCH64)/hook group=sys mode=0755
653 file path=kernel/misc/$(ARCH64)/hpcsvc group=sys mode=0755
654 file path=kernel/misc/$(ARCH64)/idmap group=sys mode=0755
655 $(i386_ONLY)file path=kernel/misc/$(ARCH64)/iomulib group=sys mode=0755

```



```

656 file path=kernel/misc/$(ARCH64)/ipc group=sys mode=0755
657 file path=kernel/misc/$(ARCH64)/kbtrans group=sys mode=0755
658 file path=kernel/misc/$(ARCH64)/kcf group=sys mode=0755
659 $(i386_ONLY)file path=kernel/misc/$(ARCH64)/kmdbmod group=sys mode=0755
660 file path=kernel/misc/$(ARCH64)/ksocket group=sys mode=0755
661 file path=kernel/misc/$(ARCH64)/mac group=sys mode=0755
662 file path=kernel/misc/$(ARCH64)/mii group=sys mode=0755
663 $(i386_ONLY)file path=kernel/misc/$(ARCH64)/net80211 group=sys mode=0755
664 file path=kernel/misc/$(ARCH64)/neti group=sys mode=0755
665 $(i386_ONLY)file path=kernel/misc/$(ARCH64)/pci_autoconfig group=sys mode=0755
666 $(i386_ONLY)file path=kernel/misc/$(ARCH64)/pcicfg group=sys mode=0755
667 $(i386_ONLY)file path=kernel/misc/$(ARCH64)/pcie group=sys mode=0755
668 file path=kernel/misc/$(ARCH64)/pcihp group=sys mode=0755
669 file path=kernel/misc/$(ARCH64)/pcmcia group=sys mode=0755
670 file path=kernel/misc/$(ARCH64)/rpcsec group=sys mode=0755
671 $(i386_ONLY)file path=kernel/misc/$(ARCH64)/sata group=sys mode=0755
672 file path=kernel/misc/$(ARCH64)/scsi group=sys mode=0755
673 file path=kernel/misc/$(ARCH64)/strplumb group=sys mode=0755
674 $(sparc_ONLY)file path=kernel/misc/$(ARCH64)/swappgeneric group=sys mode=0755
675 file path=kernel/misc/$(ARCH64)/tem group=sys mode=0755
676 file path=kernel/misc/$(ARCH64)/tlimod group=sys mode=0755
677 $(i386_ONLY)file path=kernel/misc/acpica group=sys mode=0755
678 $(i386_ONLY)file path=kernel/misc/agpmaster group=sys mode=0755
679 $(i386_ONLY)file path=kernel/misc/bignum group=sys mode=0755
680 $(i386_ONLY)file path=kernel/misc/bootdev group=sys mode=0755
681 $(i386_ONLY)file path=kernel/misc/busra group=sys mode=0755
682 $(i386_ONLY)file path=kernel/misc/cardbus group=sys mode=0755
683 $(i386_ONLY)file path=kernel/misc/cmlb group=sys mode=0755
684 $(i386_ONLY)file path=kernel/misc/consconfig group=sys mode=0755
685 $(i386_ONLY)file path=kernel/misc/ctf group=sys mode=0755
686 $(i386_ONLY)file path=kernel/misc/dls group=sys mode=0755
687 $(i386_ONLY)file path=kernel/misc/fssnap_if group=sys mode=0755
688 $(i386_ONLY)file path=kernel/misc/gld group=sys mode=0755
689 $(i386_ONLY)file path=kernel/misc/hook group=sys mode=0755
690 $(i386_ONLY)file path=kernel/misc/hpcsvc group=sys mode=0755
691 $(i386_ONLY)file path=kernel/misc/idmap group=sys mode=0755
692 $(i386_ONLY)file path=kernel/misc/immulib group=sys mode=0755
693 $(i386_ONLY)file path=kernel/misc/iocp group=sys mode=0755
694 $(i386_ONLY)file path=kernel/misc/kbtrans group=sys mode=0755
695 $(i386_ONLY)file path=kernel/misc/kcf group=sys mode=0755
696 $(i386_ONLY)file path=kernel/misc/kmdbmod group=sys mode=0755
697 $(i386_ONLY)file path=kernel/misc/ksocket group=sys mode=0755
698 $(i386_ONLY)file path=kernel/misc/mac group=sys mode=0755
699 $(i386_ONLY)file path=kernel/misc/mii group=sys mode=0755
700 $(i386_ONLY)file path=kernel/misc/net80211 group=sys mode=0755
701 $(i386_ONLY)file path=kernel/misc/neti group=sys mode=0755
702 $(i386_ONLY)file path=kernel/misc/pci_autoconfig group=sys mode=0755
703 $(i386_ONLY)file path=kernel/misc/pcicfg group=sys mode=0755
704 $(i386_ONLY)file path=kernel/misc/pcie group=sys mode=0755
705 $(i386_ONLY)file path=kernel/misc/pcihp group=sys mode=0755
706 $(i386_ONLY)file path=kernel/misc/pcmcia group=sys mode=0755
707 $(i386_ONLY)file path=kernel/misc/rpcsec group=sys mode=0755
708 $(i386_ONLY)file path=kernel/misc/sata group=sys mode=0755
709 $(i386_ONLY)file path=kernel/misc/scsi group=sys mode=0755
710 file path=kernel/misc/scsi_vhci/$(ARCH64)/scsi_vhci_f_asym_emc group=sys \
711     mode=0755
712 file path=kernel/misc/scsi_vhci/$(ARCH64)/scsi_vhci_f_asym_lsi group=sys \
713     mode=0755
714 file path=kernel/misc/scsi_vhci/$(ARCH64)/scsi_vhci_f_asym_sun group=sys \
715     mode=0755
716 file path=kernel/misc/scsi_vhci/$(ARCH64)/scsi_vhci_f_sym group=sys mode=0755
717 file path=kernel/misc/scsi_vhci/$(ARCH64)/scsi_vhci_f_sym_emc group=sys \
718     mode=0755
719 file path=kernel/misc/scsi_vhci/$(ARCH64)/scsi_vhci_f_sym_hds group=sys \
720     mode=0755
721 file path=kernel/misc/scsi_vhci/$(ARCH64)/scsi_vhci_f_tape group=sys mode=0755

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```

722 file path=kernel/misc/scsi_vhci/$(ARCH64)/scsi_vhci_f_tpss group=sys mode=0755
723 file path=kernel/misc/scsi_vhci/$(ARCH64)/scsi_vhci_f_tpss_tape group=sys \
724     mode=0755
725 $(i386_ONLY)file path=kernel/misc/scsi_vhci/scsi_vhci_f_asym_emc group=sys \
726     mode=0755
727 $(i386_ONLY)file path=kernel/misc/scsi_vhci/scsi_vhci_f_asym_lsi group=sys \
728     mode=0755
729 $(i386_ONLY)file path=kernel/misc/scsi_vhci/scsi_vhci_f_asym_sun group=sys \
730     mode=0755
731 $(i386_ONLY)file path=kernel/misc/scsi_vhci/scsi_vhci_f_sym group=sys \
732     mode=0755
733 $(i386_ONLY)file path=kernel/misc/scsi_vhci/scsi_vhci_f_sym_emc group=sys \
734     mode=0755
735 $(i386_ONLY)file path=kernel/misc/scsi_vhci/scsi_vhci_f_sym_hds group=sys \
736     mode=0755
737 $(i386_ONLY)file path=kernel/misc/scsi_vhci/scsi_vhci_f_tape group=sys \
738     mode=0755
739 $(i386_ONLY)file path=kernel/misc/scsi_vhci/scsi_vhci_f_tpss group=sys \
740     mode=0755
741 $(i386_ONLY)file path=kernel/misc/scsi_vhci/scsi_vhci_f_tpss_tape group=sys \
742     mode=0755
743 $(i386_ONLY)file path=kernel/misc/strplumb group=sys mode=0755
744 $(i386_ONLY)file path=kernel/misc/tem group=sys mode=0755
745 $(i386_ONLY)file path=kernel/misc/tlimod group=sys mode=0755
746 file path=kernel/sched/$(ARCH64)/SDC group=sys mode=0755
747 file path=kernel/sched/$(ARCH64)/TS group=sys mode=0755
748 file path=kernel/sched/$(ARCH64)/TS_DPTBL group=sys mode=0755
749 $(i386_ONLY)file path=kernel/sched/SDC group=sys mode=0755
750 $(i386_ONLY)file path=kernel/sched/TS group=sys mode=0755
751 $(i386_ONLY)file path=kernel/sched/TS_DPTBL group=sys mode=0755
752 file path=kernel/socketmod/$(ARCH64)/ksslf group=sys mode=0755
753 file path=kernel/socketmod/$(ARCH64)/socksctp group=sys mode=0755
754 file path=kernel/socketmod/$(ARCH64)/trill group=sys mode=0755
755 $(i386_ONLY)file path=kernel/socketmod/ksslf group=sys mode=0755
756 $(i386_ONLY)file path=kernel/socketmod/socksctp group=sys mode=0755
757 $(i386_ONLY)file path=kernel/socketmod/trill group=sys mode=0755
758 file path=kernel/strmod/$(ARCH64)/bufmod group=sys mode=0755
759 file path=kernel/strmod/$(ARCH64)/connld group=sys mode=0755
760 file path=kernel/strmod/$(ARCH64)/dedump group=sys mode=0755
761 file path=kernel/strmod/$(ARCH64)/drcompat group=sys mode=0755
762 file path=kernel/strmod/$(ARCH64)/ldterm group=sys mode=0755
763 $(sparc_ONLY)file path=kernel/strmod/$(ARCH64)/ms group=sys mode=0755
764 file path=kernel/strmod/$(ARCH64)/pckt group=sys mode=0755
765 file path=kernel/strmod/$(ARCH64)/pfmod group=sys mode=0755
766 file path=kernel/strmod/$(ARCH64)/pipemod group=sys mode=0755
767 file path=kernel/strmod/$(ARCH64)/ptem group=sys mode=0755
768 file path=kernel/strmod/$(ARCH64)/redirmod group=sys mode=0755
769 file path=kernel/strmod/$(ARCH64)/rpcmod group=sys mode=0755
770 file path=kernel/strmod/$(ARCH64)/timod group=sys mode=0755
771 file path=kernel/strmod/$(ARCH64)/tirdwr group=sys mode=0755
772 file path=kernel/strmod/$(ARCH64)/ttcompat group=sys mode=0755
773 $(sparc_ONLY)file path=kernel/strmod/$(ARCH64)/vuid3ps2 group=sys mode=0755
774 $(i386_ONLY)file path=kernel/strmod/bufmod group=sys mode=0755
775 $(i386_ONLY)file path=kernel/strmod/connld group=sys mode=0755
776 $(i386_ONLY)file path=kernel/strmod/dedump group=sys mode=0755
777 $(i386_ONLY)file path=kernel/strmod/drcompat group=sys mode=0755
778 $(i386_ONLY)file path=kernel/strmod/ldterm group=sys mode=0755
779 $(i386_ONLY)file path=kernel/strmod/pckt group=sys mode=0755
780 $(i386_ONLY)file path=kernel/strmod/pfmod group=sys mode=0755
781 $(i386_ONLY)file path=kernel/strmod/pipemod group=sys mode=0755
782 $(i386_ONLY)file path=kernel/strmod/ptem group=sys mode=0755
783 $(i386_ONLY)file path=kernel/strmod/redirmod group=sys mode=0755
784 $(i386_ONLY)file path=kernel/strmod/rpcmod group=sys mode=0755
785 $(i386_ONLY)file path=kernel/strmod/timod group=sys mode=0755
786 $(i386_ONLY)file path=kernel/strmod/tirdwr group=sys mode=0755
787 $(i386_ONLY)file path=kernel/strmod/ttcompat group=sys mode=0755

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788 file path=kernel/sys/$(ARCH64)/c2audit group=sys mode=0755
789 file path=kernel/sys/$(ARCH64)/doorfs group=sys mode=0755
790 file path=kernel/sys/$(ARCH64)/inst_sync group=sys mode=0755
791 file path=kernel/sys/$(ARCH64)/kaio group=sys mode=0755
792 file path=kernel/sys/$(ARCH64)/msgsys group=sys mode=0755
793 file path=kernel/sys/$(ARCH64)/pipe group=sys mode=0755
794 file path=kernel/sys/$(ARCH64)/portfs group=sys mode=0755
795 file path=kernel/sys/$(ARCH64)/pset group=sys mode=0755
796 file path=kernel/sys/$(ARCH64)/semsys group=sys mode=0755
797 file path=kernel/sys/$(ARCH64)/shmsys group=sys mode=0755
798 $(i386_ONLY)file path=kernel/sys/c2audit group=sys mode=0755
799 $(i386_ONLY)file path=kernel/sys/doorfs group=sys mode=0755
800 $(i386_ONLY)file path=kernel/sys/inst_sync group=sys mode=0755
801 $(i386_ONLY)file path=kernel/sys/kaio group=sys mode=0755
802 $(i386_ONLY)file path=kernel/sys/msgsys group=sys mode=0755
803 $(i386_ONLY)file path=kernel/sys/pipe group=sys mode=0755
804 $(i386_ONLY)file path=kernel/sys/portfs group=sys mode=0755
805 $(i386_ONLY)file path=kernel/sys/pset group=sys mode=0755
806 $(i386_ONLY)file path=kernel/sys/semsys group=sys mode=0755
807 $(i386_ONLY)file path=kernel/sys/shmsys group=sys mode=0755
808 file path=lib/svc/manifest/system/dumpadm.xml group=sys mode=0444
809 file path=lib/svc/manifest/system/intrd.xml group=sys mode=0444
810 file path=lib/svc/manifest/system/scheduler.xml group=sys mode=0444
811 file path=lib/svc/method/svc-dumpadm mode=0555
812 file path=lib/svc/method/svc-intrd mode=0555
813 file path=lib/svc/method/svc-scheduler mode=0555
814 $(sparc_ONLY)file path=usr/share/man/man1m/monitor.1m
815 $(sparc_ONLY)file path=usr/share/man/man1m/obpsym.1m
816 # On SPARC driver/bscv is Serverblad specific, and in system/kernel/platform
817 # We keep the manual page generic
818 $(sparc_ONLY)file path=usr/share/man/man7d/dad.7d
819 $(i386_ONLY)file path=usr/share/man/man7d/smbios.7d
820 # Sadly vuid mouse support is in different packages on different platforms
821 # While kstat(7D) is in SUNWcs, the structures are general
822 hardlink path=kernel/misc/$(ARCH64)/edonr \
823 target=../../../../kernel/crypto/$(ARCH64)/edonr
824 hardlink path=kernel/misc/$(ARCH64)/md5 \
825 target=../../../../kernel/crypto/$(ARCH64)/md5
826 hardlink path=kernel/misc/$(ARCH64)/shal \
827 target=../../../../kernel/crypto/$(ARCH64)/shal
828 hardlink path=kernel/misc/$(ARCH64)/sha2 \
829 target=../../../../kernel/crypto/$(ARCH64)/sha2
830 $(i386_ONLY)hardlink path=kernel/misc/edonr target=../../../../kernel/crypto/edonr
831 $(i386_ONLY)hardlink path=kernel/misc/md5 target=../../../../kernel/crypto/md5
832 $(i386_ONLY)hardlink path=kernel/misc/shal target=../../../../kernel/crypto/shal
833 $(i386_ONLY)hardlink path=kernel/misc/sha2 target=../../../../kernel/crypto/sha2
834 hardlink path=kernel/socketmod/$(ARCH64)/icmp \
835 target=../../../../kernel/drv/$(ARCH64)/icmp
836 hardlink path=kernel/socketmod/$(ARCH64)/rts \
837 target=../../../../kernel/drv/$(ARCH64)/rts
838 hardlink path=kernel/socketmod/$(ARCH64)/tcp \
839 target=../../../../kernel/drv/$(ARCH64)/tcp
840 hardlink path=kernel/socketmod/$(ARCH64)/udp \
841 target=../../../../kernel/drv/$(ARCH64)/udp
842 $(i386_ONLY)hardlink path=kernel/socketmod/icmp target=../../../../kernel/drv/icmp
843 $(i386_ONLY)hardlink path=kernel/socketmod/rts target=../../../../kernel/drv/rts
844 $(i386_ONLY)hardlink path=kernel/socketmod/tcp target=../../../../kernel/drv/tcp
845 $(i386_ONLY)hardlink path=kernel/socketmod/udp target=../../../../kernel/drv/udp
846 hardlink path=kernel/strmod/$(ARCH64)/arp \
847 target=../../../../kernel/drv/$(ARCH64)/arp
848 hardlink path=kernel/strmod/$(ARCH64)/icmp \
849 target=../../../../kernel/drv/$(ARCH64)/icmp
850 hardlink path=kernel/strmod/$(ARCH64)/ip \
851 target=../../../../kernel/drv/$(ARCH64)/ip
852 hardlink path=kernel/strmod/$(ARCH64)/ipsec \
853 target=../../../../kernel/drv/$(ARCH64)/ipsec

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854 hardlink path=kernel/strmod/$(ARCH64)/ipsec \
855 target=../../../../kernel/drv/$(ARCH64)/ipsec
856 hardlink path=kernel/strmod/$(ARCH64)/keysock \
857 target=../../../../kernel/drv/$(ARCH64)/keysock
858 hardlink path=kernel/strmod/$(ARCH64)/tcp \
859 target=../../../../kernel/drv/$(ARCH64)/tcp
860 hardlink path=kernel/strmod/$(ARCH64)/udp \
861 target=../../../../kernel/drv/$(ARCH64)/udp
862 $(i386_ONLY)hardlink path=kernel/strmod/arp target=../../../../kernel/drv/arp
863 $(i386_ONLY)hardlink path=kernel/strmod/icmp target=../../../../kernel/drv/icmp
864 $(i386_ONLY)hardlink path=kernel/strmod/ip target=../../../../kernel/drv/ip
865 $(i386_ONLY)hardlink path=kernel/strmod/ipsec \
866 target=../../../../kernel/drv/ipsec
867 $(i386_ONLY)hardlink path=kernel/strmod/ipsec \
868 target=../../../../kernel/drv/ipsec
869 $(i386_ONLY)hardlink path=kernel/strmod/keysock \
870 target=../../../../kernel/drv/keysock
871 $(i386_ONLY)hardlink path=kernel/strmod/tcp target=../../../../kernel/drv/tcp
872 $(i386_ONLY)hardlink path=kernel/strmod/udp target=../../../../kernel/drv/udp
873 hardlink path=kernel/sys/$(ARCH64)/autofs \
874 target=../../../../kernel/fs/$(ARCH64)/autofs
875 hardlink path=kernel/sys/$(ARCH64)/rpcmod \
876 target=../../../../kernel/strmod/$(ARCH64)/rpcmod
877 $(i386_ONLY)hardlink path=kernel/sys/autofs target=../../../../kernel/fs/autofs
878 $(i386_ONLY)hardlink path=kernel/sys/rpcmod target=../../../../kernel/strmod/rpcmod
879 legacy pkg=SUNWckr \
880 desc="core kernel software for a specific instruction-set architecture" \
881 name="Core Solaris Kernel (Root)"
882 license cr_Sun license=cr_Sun
883 license lic_CDDL license=lic_CDDL
884 license usr/src/cmd/mdb/common/libstand/THIRDPARTYLICENSE \
885 license=usr/src/cmd/mdb/common/libstand/THIRDPARTYLICENSE
886 license usr/src/common/bzip2/LICENSE license=usr/src/common/bzip2/LICENSE
887 license usr/src/common/crypto/THIRDPARTYLICENSE.cryptogams \
888 license=usr/src/common/crypto/THIRDPARTYLICENSE.cryptogams
889 $(i386_ONLY)license usr/src/common/crypto/aes/amd64/THIRDPARTYLICENSE.gladman \
890 license=usr/src/common/crypto/aes/amd64/THIRDPARTYLICENSE.gladman
891 $(i386_ONLY)license usr/src/common/crypto/aes/amd64/THIRDPARTYLICENSE.openssl \
892 license=usr/src/common/crypto/aes/amd64/THIRDPARTYLICENSE.openssl
893 license usr/src/common/crypto/ecc/THIRDPARTYLICENSE \
894 license=usr/src/common/crypto/ecc/THIRDPARTYLICENSE
895 $(i386_ONLY)license usr/src/common/crypto/md5/amd64/THIRDPARTYLICENSE \
896 license=usr/src/common/crypto/md5/amd64/THIRDPARTYLICENSE
897 license usr/src/common/mpi/THIRDPARTYLICENSE \
898 license=usr/src/common/mpi/THIRDPARTYLICENSE
899 license usr/src/uts/common/inet/ip/THIRDPARTYLICENSE.rts \
900 license=usr/src/uts/common/inet/ip/THIRDPARTYLICENSE.rts
901 license usr/src/uts/common/inet/tcp/THIRDPARTYLICENSE \
902 license=usr/src/uts/common/inet/tcp/THIRDPARTYLICENSE
903 license usr/src/uts/common/io/THIRDPARTYLICENSE.etheraddr \
904 license=usr/src/uts/common/io/THIRDPARTYLICENSE.etheraddr
905 license usr/src/uts/common/sys/THIRDPARTYLICENSE.icu \
906 license=usr/src/uts/common/sys/THIRDPARTYLICENSE.icu
907 license usr/src/uts/common/sys/THIRDPARTYLICENSE.unicode \
908 license=usr/src/uts/common/sys/THIRDPARTYLICENSE.unicode
909 $(i386_ONLY)license usr/src/uts/intel/io/acpica/THIRDPARTYLICENSE \
910 license=usr/src/uts/intel/io/acpica/THIRDPARTYLICENSE
911 $(i386_ONLY)link path=boot/solaris/bin/root_archive \
912 target=../../../../usr/sbin/root_archive
913 link path=dev/dld target=../devices/pseudo/dld@0:ctl
914 link path=kernel/misc/$(ARCH64)/des \
915 target=../../../../kernel/crypto/$(ARCH64)/des
916 $(i386_ONLY)link path=kernel/misc/des target=../../../../kernel/crypto/des

```

```

*****
43123 Tue Feb 19 01:00:53 2013
new/usr/src/uts/common/Makefile.files
Integrated Edon-R hash function.
*****
1 #
2 # CDDL HEADER START
3 #
4 # The contents of this file are subject to the terms of the
5 # Common Development and Distribution License (the "License").
6 # You may not use this file except in compliance with the License.
7 #
8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
11 # and limitations under the License.
12 #
13 # When distributing Covered Code, include this CDDL HEADER in each
14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
15 # If applicable, add the following below this CDDL HEADER, with the
16 # fields enclosed by brackets "[]" replaced with your own identifying
17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 #
23 # Copyright (c) 1991, 2010, Oracle and/or its affiliates. All rights reserved.
24 # Copyright (c) 2012 Nexenta Systems, Inc. All rights reserved.
25 # Copyright (c) 2012 by Delphix. All rights reserved.
26 # Copyright (c) 2013 by Saso Kiselkov. All rights reserved.
27 #
28 #
29 #
30 # This Makefile defines all file modules for the directory uts/common
31 # and its children. These are the source files which may be considered
32 # common to all SunOS systems.
33 #
34 i386_CORE_OBJS += \
35     atomic.o          \
36     avintr.o          \
37     pic.o
38 #
39 sparc_CORE_OBJS +=
40 #
41 COMMON_CORE_OBJS += \
42     beep.o            \
43     bitset.o          \
44     bp_map.o          \
45     brand.o           \
46     cpucaps.o         \
47     cmt.o             \
48     cmt_policy.o     \
49     cpu.o             \
50     cpu_event.o       \
51     cpu_intr.o        \
52     cpu_pm.o          \
53     cpupart.o         \
54     cap_util.o        \
55     disp.o            \
56     group.o           \
57     kstat_fr.o        \
58     iscsiboot_prop.o \
59     lgrp.o             \
60     lgrp_topo.o       \
61     mmapobj.o

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62     mutex.o           \
63     page_lock.o       \
64     page_retire.o     \
65     panic.o           \
66     param.o           \
67     pg.o              \
68     pghw.o            \
69     putnext.o         \
70     rctl_proc.o       \
71     rwlock.o          \
72     seg_kmem.o        \
73     softint.o         \
74     string.o          \
75     strtol.o          \
76     strtoul.o         \
77     strtoll.o         \
78     strtoull.o        \
79     thread_intr.o    \
80     vm_page.o         \
81     vm_pagelist.o     \
82     zlib_obj.o        \
83     clock_tick.o
84 #
85 CORE_OBJS += $(COMMON_CORE_OBJS) $(MACH)_CORE_OBJS
86 #
87 ZLIB_OBJS = zutil.o zmod.o zmod_subr.o \
88     adler32.o crc32.o deflate.o inffast.o \
89     inflate.o inftrees.o trees.o
90 #
91 GENUNIX_OBJS += \
92     access.o          \
93     acl.o             \
94     acl_common.o      \
95     adjtime.o         \
96     alarm.o           \
97     aio_subr.o        \
98     auditsys.o        \
99     audit_core.o      \
100    audit_zone.o       \
101    audit_memory.o     \
102    autoconf.o         \
103    avl.o              \
104    bdev_dsort.o       \
105    bio.o              \
106    bitmap.o           \
107    blabel.o           \
108    brandsys.o         \
109    bz2blocksort.o     \
110    bz2compress.o      \
111    bz2decompress.o    \
112    bz2randtable.o     \
113    bz2bzlib.o         \
114    bz2crctable.o     \
115    bz2huffman.o       \
116    callb.o            \
117    callout.o          \
118    chdir.o            \
119    chmod.o            \
120    chown.o            \
121    cladm.o            \
122    class.o            \
123    clock.o            \
124    clock_highres.o    \
125    clock_realtime.o  \
126    close.o            \
127    compress.o

```

## new/usr/src/uts/common/Makefile.files

```

128      condvar.o  \
129      conf.o    \
130      console.o \
131      contract.o \
132      copyops.o \
133      core.o    \
134      corectl.o \
135      cred.o   \
136      cs_stubs.o \
137      dacf.o   \
138      dacf_clnt.o \
139      damap.o \
140      cyclic.o \
141      ddi.o    \
142      ddifm.o \
143      ddi_hp_impl.o \
144      ddi_hp_ndi.o \
145      ddi_intr.o \
146      ddi_intr_impl.o \
147      ddi_intr_irm.o \
148      ddi_nodeid.o \
149      ddi_timer.o \
150      devcfg.o \
151      devcache.o \
152      device.o \
153      devid.o  \
154      devid_cache.o \
155      devid_scsi.o \
156      devid_smp.o \
157      devpolicy.o \
158      disp_lock.o \
159      dnlc.o   \
160      driver.o \
161      dumpsubr.o \
162      driver_lyr.o \
163      dtrace_subr.o \
164      errorq.o \
165      etheraddr.o \
166      evchannels.o \
167      exacct.o \
168      exacct_core.o \
169      exec.o   \
170      exit.o  \
171      fbio.o  \
172      fcntl.o \
173      fdbuffer.o \
174      fdsync.o \
175      fem.o   \
176      ffs.o  \
177      fio.o  \
178      flock.o \
179      fm.o   \
180      fork.o \
181      vpm.o  \
182      fs_reparse.o \
183      fs_subr.o \
184      fsflush.o \
185      ftrace.o \
186      getcwd.o \
187      getdents.o \
188      getloadavg.o \
189      getpagesizes.o \
190      getpid.o \
191      gfs.o   \
192      rusagesys.o \
193      gid.o  \

```

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## new/usr/src/uts/common/Makefile.files

```

194      groups.o  \
195      grow.o    \
196      hat_refmod.o \
197      id32.o   \
198      id_space.o \
199      inet_ntop.o \
200      instance.o \
201      ioctl.o   \
202      ip_cksum.o \
203      issetugid.o \
204      ippconf.o \
205      kcpic.o  \
206      kdi.o    \
207      kiconv.o \
208      klpd.o   \
209      kmem.o   \
210      ksyms_snapshot.o \
211      l_strplumb.o \
212      labelsys.o \
213      link.o   \
214      list.o   \
215      lockstat_subr.o \
216      log_sysevent.o \
217      logsubr.o \
218      lookup.o \
219      lseek.o  \
220      ltos.o  \
221      lwp.o   \
222      lwp_create.o \
223      lwp_info.o \
224      lwp_self.o \
225      lwp_sobj.o \
226      lwp_timer.o \
227      lwpsys.o \
228      main.o   \
229      mmapobjs.o \
230      memcntl.o \
231      memstr.o \
232      lgrpsys.o \
233      mkdir.o  \
234      mknod.o \
235      mount.o \
236      move.o  \
237      msacct.o \
238      multidata.o \
239      nbmlock.o \
240      ndifm.o \
241      nice.o  \
242      netstack.o \
243      ntptime.o \
244      nvpair.o \
245      nvpair_alloc_system.o \
246      nvpair_alloc_fixed.o \
247      fnvpair.o \
248      octet.o \
249      open.o  \
250      p_online.o \
251      pathconf.o \
252      pathname.o \
253      pause.o \
254      serializer.o \
255      pci_intr_lib.o \
256      pci_cap.o \
257      pcifm.o \
258      pgrp.o  \
259      pgrpsys.o \

```

4

## new/usr/src/uts/common/Makefile.files

```

260 pid.o \
261 pkp_hash.o \
262 policy.o \
263 poll.o \
264 pool.o \
265 pool_pset.o \
266 port_subr.o \
267 ppriv.o \
268 printf.o \
269 priocntl.o \
270 priv.o \
271 priv_const.o \
272 proc.o \
273 procset.o \
274 processor_bind.o \
275 processor_info.o \
276 profil.o \
277 project.o \
278 qsort.o \
279 rctl.o \
280 rctlsys.o \
281 readlink.o \
282 refstr.o \
283 rename.o \
284 resolvepath.o \
285 retire_store.o \
286 process.o \
287 rlimit.o \
288 rmap.o \
289 rw.o \
290 rwstlock.o \
291 sad_conf.o \
292 sid.o \
293 sidsys.o \
294 sched.o \
295 schedctl.o \
296 sctp_crc32.o \
297 seg_dev.o \
298 seg_kp.o \
299 seg_kpm.o \
300 seg_map.o \
301 seg_vn.o \
302 seg_spt.o \
303 semaphore.o \
304 sendfile.o \
305 session.o \
306 share.o \
307 shuttle.o \
308 sig.o \
309 sigaction.o \
310 sigaltstack.o \
311 signotify.o \
312 sigpending.o \
313 sigprocmask.o \
314 sigqueue.o \
315 sigsendset.o \
316 sigsuspend.o \
317 sigtimedwait.o \
318 sleepq.o \
319 sock_conf.o \
320 space.o \
321 sscanf.o \
322 stat.o \
323 statfs.o \
324 statvfs.o \
325 stol.o \

```

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## new/usr/src/uts/common/Makefile.files

```

326 str_conf.o \
327 strcalls.o \
328 stream.o \
329 streamio.o \
330 strext.o \
331 strsubr.o \
332 strsun.o \
333 subr.o \
334 sunddi.o \
335 sunmdi.o \
336 sunndi.o \
337 sunpci.o \
338 sunpm.o \
339 sundlpi.o \
340 suntpi.o \
341 swap_subr.o \
342 swap_vnops.o \
343 symlink.o \
344 sync.o \
345 sysclass.o \
346 sysconfig.o \
347 sysent.o \
348 sysfs.o \
349 systeminfo.o \
350 task.o \
351 taskq.o \
352 tasksys.o \
353 time.o \
354 timer.o \
355 times.o \
356 timers.o \
357 thread.o \
358 tlabel.o \
359 tnf_res.o \
360 turnstile.o \
361 tty_common.o \
362 u8_textprep.o \
363 uadmin.o \
364 uconv.o \
365 ucredsys.o \
366 uid.o \
367 umask.o \
368 umount.o \
369 uname.o \
370 unix_bb.o \
371 unlink.o \
372 urw.o \
373 utime.o \
374 utssys.o \
375 uucopy.o \
376 vfs.o \
377 vfs_conf.o \
378 vmem.o \
379 vm_anon.o \
380 vm_as.o \
381 vm_meter.o \
382 vm_pageout.o \
383 vm_pvn.o \
384 vm_rm.o \
385 vm_seg.o \
386 vm_subr.o \
387 vm_swap.o \
388 vm_usage.o \
389 vnode.o \
390 vuid_queue.o \
391 vuid_store.o \

```

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## new/usr/src/uts/common/Makefile.files

7

```

392          waitq.o      \
393          watchpoint.o \
394          yield.o      \
395          scsi_confdata.o \
396          xattr.o      \
397          xattr_common.o \
398          xdr_mblk.o    \
399          xdr_mem.o     \
400          xdr.o         \
401          xdr_array.o  \
402          xdr_refer.o  \
403          xhat.o       \
404          zone.o

406 #
407 #       Stubs for the stand-alone linker/loader
408 #
409 sparc_GENSTUBS_OBJS = \
410     kobj_stubs.o

412 i386_GENSTUBS_OBJS =

414 COMMON_GENSTUBS_OBJS =

416 GENSTUBS_OBJS += $(COMMON_GENSTUBS_OBJS) $($ (MACH)_GENSTUBS_OBJS)

418 #
419 #       DTrace and DTrace Providers
420 #
421 DTRACE_OBJS += dtrace.o dtrace_isa.o dtrace_asm.o

423 SDT_OBJS += sdt_subr.o

425 PROFILE_OBJS += profile.o

427 SYSTRACE_OBJS += systrace.o

429 LOCKSTAT_OBJS += lockstat.o

431 FASTTRAP_OBJS += fasttrap.o fasttrap_isa.o

433 DCPC_OBJS += dcpc.o

435 #
436 #       Driver (pseudo-driver) Modules
437 #
438 IPP_OBJS += ippctl.o

440 AUDIO_OBJS += audio_client.o audio_ddi.o audio_engine.o \
441     audio_fltdata.o audio_format.o audio_ctrl.o \
442     audio_grc3.o audio_output.o audio_input.o \
443     audio_oss.o audio_sun.o

445 AUDIOEMU10K_OBJS += audioemu10k.o

447 AUDIOENS_OBJS += audioens.o

449 AUDIOVIA823X_OBJS += audiovia823x.o

451 AUDIOVIA97_OBJS += audiovia97.o

453 AUDIO1575_OBJS += audio1575.o

455 AUDIO810_OBJS += audio810.o

457 AUDIOCMI_OBJS += audiocmi.o

```

## new/usr/src/uts/common/Makefile.files

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```

459 AUDIOCMIHD_OBJS += audiocmihd.o

461 AUDIOHD_OBJS += audiohd.o

463 AUDIOIXP_OBJS += audioixp.o

465 AUDIOLS_OBJS += audiolis.o

467 AUDIOP16X_OBJS += audiop16x.o

469 AUDIOPCI_OBJS += audiopci.o

471 AUDIOSOLO_OBJS += audiosolo.o

473 AUDIOTS_OBJS += audiots.o

475 AC97_OBJS += ac97.o ac97_ad.o ac97_alc.o ac97_cmi.o

477 BLKDEV_OBJS += blkdev.o

479 CARDBUS_OBJS += cardbus.o cardbus_hp.o cardbus_cfg.o

481 CONSKBD_OBJS += conskbd.o

483 CONSMS_OBJS += consms.o

485 OLDPTY_OBJS += tty_ptyconf.o

487 PTC_OBJS += tty_pty.o

489 PTSL_OBJS += tty_pts.o

491 PTM_OBJS += ptm.o

493 MII_OBJS += mii.o mii_cicada.o mii_natsemi.o mii_intel.o mii_qualsemi.o \
494     mii_marvell.o mii_realtek.o mii_other.o

496 PTS_OBJS += pts.o

498 PTY_OBJS += ptms_conf.o

500 SAD_OBJS += sad.o

502 EDONR_OBJS += edonr.o

504 MD4_OBJS += md4.o md4_mod.o

506 MD5_OBJS += md5.o md5_mod.o

508 SHA1_OBJS += sha1.o sha1_mod.o

510 SHA2_OBJS += sha2.o sha2_mod.o

512 IPGPC_OBJS += classifierddi.o classifier.o filters.o trie.o table.o \
513     ba_table.o

515 DSCPMK_OBJS += dscpmk.o dscpmkddi.o

517 DLCOSMK_OBJS += dlcosmk.o dlcosmkddi.o

519 FLOWACCT_OBJS += flowacctddi.o flowacct.o

521 TOKENMT_OBJS += tokenmt.o tokenmtddi.o

523 TSWTCL_OBJS += tswtcl.o tswtclddi.o

```

```

525 ARP_OBJS += arpddi.o
527 ICMP_OBJS += icmpddi.o
529 ICMP6_OBJS += icmp6ddi.o
531 RTS_OBJS += rtsddi.o

533 IP_ICMP_OBJS = icmp.o icmp_opt_data.o
534 IP_RTS_OBJS = rts.o rts_opt_data.o
535 IP_TCP_OBJS = tcp.o tcp_fusion.o tcp_opt_data.o tcp_sack.o tcp_stats.o \
536 tcp_misc.o tcp_timers.o tcp_time_wait.o tcp_tpi.o tcp_output.o \
537 tcp_input.o tcp_socket.o tcp_bind.o tcp_cluster.o tcp_tunables.o
538 IP_UDP_OBJS = udp.o udp_opt_data.o udp_tunables.o udp_stats.o
539 IP_SCTP_OBJS = sctp.o sctp_opt_data.o sctp_output.o \
540 sctp_init.o sctp_input.o sctp_cookie.o \
541 sctp_conn.o sctp_error.o sctp_snmp.o \
542 sctp_tunables.o sctp_shutdown.o sctp_common.o \
543 sctp_timer.o sctp_heartbeat.o sctp_hash.o \
544 sctp_bind.o sctp_notify.o sctp_asconf.o \
545 sctp_addr.o tn_ipopt.o tnet.o ip_netinfo.o \
546 sctp_misc.o
547 IP_ILB_OBJS = ilb.o ilb_nat.o ilb_conn.o ilb_alg_hash.o ilb_alg_rr.o

549 IP_OBJS += igmp.o ipmp.o ip.o ip6.o ip6_asp.o ip6_if.o ip6_ire.o \
550 ip6_rts.o ip_if.o ip_ire.o ip_listutils.o ip_mrout.o \
551 ip_multi.o ip2mac.o ip_ndp.o ip_rts.o ip_srcid.o \
552 ipddi.o ipdrop.o mi.o nd.o tunables.o optcom.o snmpcom.o \
553 ipsec_loader.o spd.o ipclassifier.o inet_common.o ip_queue.o \
554 queue.o ip_sadb.o ip_ftable.o proto_set.o radix.o ip_dummy.o \
555 ip_helper_stream.o ip_tunables.o \
556 ip_output.o ip_input.o ip6_input.o ip6_output.o ip_arp.o \
557 conn_opt.o ip_attr.o ip_dce.o \
558 $(IP_ICMP_OBJS) \
559 $(IP_RTS_OBJS) \
560 $(IP_TCP_OBJS) \
561 $(IP_UDP_OBJS) \
562 $(IP_SCTP_OBJS) \
563 $(IP_ILB_OBJS)

565 IP6_OBJS += ip6ddi.o
567 HOOK_OBJS += hook.o
569 NETI_OBJS += neti_impl.o neti_mod.o neti_stack.o
571 KEYSOCK_OBJS += keysockddi.o keysock.o keysock_opt_data.o
573 IPNET_OBJS += ipnet.o ipnet_bpf.o
575 SPDSOCK_OBJS += spdsockddi.o spdsock.o spdsock_opt_data.o
577 IPSECESP_OBJS += ipsecespddi.o ipsecesp.o
579 IPSECAH_OBJS += ipsecahddi.o ipsecah.o sadb.o
581 SPPP_OBJS += sPPP.o sPPP_dlpi.o sPPP_mod.o s_common.o
583 SPPPTUN_OBJS += sppptun.o sppptun_mod.o
585 SPPPASYN_OBJS += spppasyn.o spppasyn_mod.o
587 SPPPCOMP_OBJS += sppppcomp.o sppppcomp_mod.o deflate.o bsd-comp.o vjcompress.o \
588 zlib.o

```

```

590 TCP_OBJS += tcpddi.o
592 TCP6_OBJS += tcp6ddi.o
594 NCA_OBJS += ncaddi.o
596 SDP SOCK_MOD_OBJS += sockmod_sdp.o socksdp.o socksdpsubr.o
598 SCTP SOCK_MOD_OBJS += sockmod_sctp.o socksctp.o socksctpsubr.o
600 PFP SOCK_MOD_OBJS += sockmod_pfp.o
602 RDS SOCK_MOD_OBJS += sockmod_rds.o
604 RDS_OBJS += rdsddi.o rdssubr.o rds_opt.o rds_ioctl.o
606 RDSIB_OBJS += rdsib.o rdsib_ib.o rdsib_cm.o rdsib_ep.o rdsib_buf.o \
607 rdsib_debug.o rdsib_sc.o
609 RDSV3_OBJS += af_rds.o rds_v3_ddi.o bind.o loop.o threads.o connection.o \
610 transport.o cong.o sysctl.o message.o rds_recv.o send.o \
611 stats.o info.o page.o rdma_transport.o ib_ring.o ib_rdma.o \
612 ib_recv.o ib.o ib_send.o ib_sysctl.o ib_stats.o ib_cm.o \
613 rds_v3_sc.o rds_v3_debug.o rds_v3_impl.o rdma.o rds_v3_af_thr.o
615 ISER_OBJS += iser.o iser_cm.o iser_cq.o iser_ib.o iser_idm.o \
616 iser_resource.o iser_xfer.o
618 UDP_OBJS += udpddi.o
620 UDP6_OBJS += udp6ddi.o
622 SY_OBJS += gentyty.o
624 TCO_OBJS += ticots.o
626 TCOO_OBJS += ticotsord.o
628 TCL_OBJS += ticlts.o
630 TL_OBJS += tl.o
632 DUMP_OBJS += dump.o
634 BPF_OBJS += bpf.o bpf_filter.o bpf_mod.o bpf_dlt.o bpf_mac.o
636 CLONE_OBJS += clone.o
638 CN_OBJS += cons.o
640 DLD_OBJS += dld_drv.o dld_proto.o dld_str.o dld_flow.o
642 DLS_OBJS += dls.o dls_link.o dls_mod.o dls_stat.o dls_mgmt.o
644 GLD_OBJS += gld.o gldutil.o
646 MAC_OBJS += mac.o mac_bcast.o mac_client.o mac_datapath_setup.o mac_flow.o
647 mac_hio.o mac_mod.o mac_ndd.o mac_provider.o mac_sched.o \
648 mac_protect.o mac_soft_ring.o mac_stat.o mac_util.o
650 MAC_6TO4_OBJS += mac_6to4.o
652 MAC_ETHER_OBJS += mac_ether.o
654 MAC_IPV4_OBJS += mac_ipv4.o

```

## new/usr/src/uts/common/Makefile.files

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```

656 MAC_IPV6_OBJS +=      mac_ipv6.o
658 MAC_WIFI_OBJS +=      mac_wifi.o
660 MAC_IB_OBJS +=        mac_ib.o
662 IPTUN_OBJS +=         iptun_dev.o iptun_ctl.o iptun.o
664 AGGR_OBJS +=          aggr_dev.o aggr_ctl.o aggr_grp.o aggr_port.o \
665                        aggr_send.o aggr_recv.o aggr_lacp.o
667 SOFTMAC_OBJS +=        softmac_main.o softmac_ctl.o softmac_capab.o \
668                        softmac_dev.o softmac_stat.o softmac_pkt.o softmac_fp.o
670 NET80211_OBJS +=       net80211.o net80211_proto.o net80211_input.o \
671                        net80211_output.o net80211_node.o net80211_crypto.o \
672                        net80211_crypto_none.o net80211_crypto_wep.o net80211_ioctl.o \
673                        net80211_crypto_tkip.o net80211_crypto_ccmp.o \
674                        net80211_ht.o
676 VNIC_OBJS +=          vnic_ctl.o vnic_dev.o
678 SIMNET_OBJS +=        simnet.o
680 IB_OBJS +=             ibnex.o ibnex_ioctl.o ibnex_hca.o
682 IBCM_OBJS +=          ibcm_impl.o ibcm_sm.o ibcm_ti.o ibcm_utils.o ibcm_path.o \
683                        ibcm_arp.o ibcm_arp_link.o
685 IBDM_OBJS +=          ibdm.o
687 IBDMA_OBJS +=         ibdma.o
689 IBMF_OBJS +=          ibmf.o ibmf_impl.o ibmf_dr.o ibmf_wqe.o ibmf_ud_dest.o ibmf_mod.o
690                        ibmf_send.o ibmf_recv.o ibmf_handlers.o ibmf_trans.o \
691                        ibmf_timers.o ibmf_msg.o ibmf_utils.o ibmf_rmpp.o \
692                        ibmf_saa.o ibmf_saa_impl.o ibmf_saa_utils.o ibmf_saa_events.o
694 IBTL_OBJS +=          ibtl_impl.o ibtl_util.o ibtl_mem.o ibtl_handlers.o ibtl_qp.o \
695                        ibtl_cq.o ibtl_wr.o ibtl_hca.o ibtl_chan.o ibtl_cm.o \
696                        ibtl_mcg.o ibtl_ibnex.o ibtl_srq.o ibtl_part.o
698 TAVOR_OBJS +=         tavor.o tavor_agents.o tavor_cfg.o tavor_ci.o tavor_cmd.o \
699                        tavor_cq.o tavor_event.o tavor_ioctl.o tavor_misc.o \
700                        tavor_mr.o tavor_qp.o tavor_qpmod.o tavor_rsrc.o \
701                        tavor_srq.o tavor_stats.o tavor_umap.o tavor_wr.o
703 HERMON_OBJS +=        hermon.o hermon_agents.o hermon_cfg.o hermon_ci.o hermon_cmd.o \
704                        hermon_cq.o hermon_event.o hermon_ioctl.o hermon_misc.o \
705                        hermon_mr.o hermon_qp.o hermon_qpmod.o hermon_rsrc.o \
706                        hermon_srq.o hermon_stats.o hermon_umap.o hermon_wr.o \
707                        hermon_fcoib.o hermon_fm.o
709 DAPLT_OBJS +=         daplt.o
711 SOL_OFS_OBJS +=       sol_cma.o sol_ib_cma.o sol_uobj.o \
712                        sol_ofs_debug_util.o sol_ofs_gen_util.o \
713                        sol_kverbs.o
715 SOL_UCMA_OBJS +=      sol_ucma.o
717 SOL_UVERBS_OBJS +=    sol_uverbs.o sol_uverbs_comp.o sol_uverbs_event.o \
718                        sol_uverbs_hca.o sol_uverbs_qp.o
720 SOL_UMAD_OBJS +=      sol_umad.o

```

## new/usr/src/uts/common/Makefile.files

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```

722 KSTAT_OBJS +=         kstat.o
724 KSYMS_OBJS +=         ksyms.o
726 INSTANCE_OBJS +=      inst_sync.o
728 IWSCN_OBJS +=         iwscons.o
730 LOFI_OBJS +=          lofi.o LzmaDec.o
732 FSSNAP_OBJS +=        fssnap.o
734 FSSNAPIF_OBJS +=       fssnap_if.o
736 MM_OBJS +=            mem.o
738 PHYSMEM_OBJS +=       physmem.o
740 OPTIONS_OBJS +=       options.o
742 WINLOCK_OBJS +=       winlockio.o
744 PM_OBJS +=            pm.o
745 SRN_OBJS +=           srn.o
747 PSEUDO_OBJS +=        pseudonex.o
749 RAMDISK_OBJS +=       ramdisk.o
751 LLC1_OBJS +=          llc1.o
753 USBKBM_OBJS +=        usbkbm.o
755 USBWCM_OBJS +=        usbwcm.o
757 BOFI_OBJS +=          bofi.o
759 HID_OBJS +=           hid.o
761 HWA_RC_OBJS +=        hwarc.o
763 USBSKEL_OBJS +=        usbskel.o
765 USBVC_OBJS +=         usbvc.o usbvc_v412.o
767 HIDPARSER_OBJS +=     hidparser.o
769 USB_AC_OBJS +=        usb_ac.o
771 USB_AS_OBJS +=        usb_as.o
773 USB_AH_OBJS +=        usb_ah.o
775 USBMS_OBJS +=         usbms.o
777 USBPRN_OBJS +=        usbprn.o
779 UGEN_OBJS +=          ugen.o
781 USBSER_OBJS +=        usbser.o usbser_rseq.o
783 USBSACM_OBJS +=       usbsacm.o
785 USBSER_KEYSPAN_OBJS += usbser_keyspan.o keyspan_dsd.o keyspan_pipe.o
787 USBS49_FW_OBJS +=     keyspan_49fw.o

```



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789 USBSPRL_OBJS += usbser_pl2303.o pl2303_dsd.o
791 WUSB_CA_OBJS += wusb_ca.o
793 USBFTDI_OBJS += usbser_uftdi.o uftdi_dsd.o
795 USBECM_OBJS += usbecm.o
797 WC_OBJS += wscons.o vcons.o
799 VCONS_CONF_OBJS += vcons_conf.o

801 SCSI_OBJS +=      scsi_capabilities.o scsi_confsubr.o scsi_control.o \
802                  scsi_data.o scsi_fm.o scsi_hba.o scsi_reset_notify.o \
803                  scsi_resource.o scsi_subr.o scsi_transport.o scsi_watch.o \
804                  smp_transport.o

806 SCSI_VHCI_OBJS +=      scsi_vhci.o mpapi_impl.o scsi_vhci_tpgs.o
808 SCSI_VHCI_F_SYM_OBJS +=      sym.o
810 SCSI_VHCI_F_TPGS_OBJS +=      tpgs.o
812 SCSI_VHCI_F_ASYM_SUN_OBJS +=  asym_sun.o
814 SCSI_VHCI_F_SYM_HDS_OBJS +=  sym_hds.o
816 SCSI_VHCI_F_TAPE_OBJS +=      tape.o
818 SCSI_VHCI_F_TPGS_TAPE_OBJS +=  tpgs_tape.o

820 SGEN_OBJS +=      sgen.o
822 SMP_OBJS +=      smp.o
824 SATA_OBJS +=      sata.o

826 USBA_OBJS +=      hcidi.o usba.o usbai.o hubdi.o parser.o genconsole.o \
827                  usbai_pipe_mgmt.o usbai_req.o usbai_util.o usbai_register.o \
828                  usba_devdb.o usba10_calls.o usba_uugen.o whcidi.o wa.o
829 USBA_WITHOUT_WUSB_OBJS +=      hcidi.o usba.o usbai.o hubdi.o parser.o gencons
830                  usbai_pipe_mgmt.o usbai_req.o usbai_util.o usbai_register.o \
831                  usba_devdb.o usba10_calls.o usba_uugen.o

833 USBA10_OBJS +=      usba10.o

835 RSM_OBJS +=      rsm.o rsmka_pathmanager.o rsmka_util.o

837 RSMOPS_OBJS +=      rsmops.o

839 S1394_OBJS +=      t1394.o t1394_errmsg.o s1394.o s1394_addr.o s1394_async.o \
840                  s1394_bus_reset.o s1394_cmp.o s1394_csr.o s1394_dev_disc.o \
841                  s1394_fa.o s1394_fcp.o \
842                  s1394_hotplug.o s1394_isoch.o s1394_misc.o h1394.o nx1394.o

844 HCIL1394_OBJS +=      hcil1394.o hcil1394_async.o hcil1394_attach.o hcil1394_buf.o \
845                  hcil1394_csr.o hcil1394_detach.o hcil1394_extern.o \
846                  hcil1394_ioctl.o hcil1394_isoch.o hcil1394_isr.o \
847                  hcil1394_ixl_comp.o hcil1394_ixl_isr.o hcil1394_ixl_misc.o \
848                  hcil1394_ixl_update.o hcil1394_misc.o hcil1394_ohci.o \
849                  hcil1394_q.o hcil1394_s1394if.o hcil1394_tlabel.o \
850                  hcil1394_tlist.o hcil1394_vendor.o

852 AV1394_OBJS +=      av1394.o av1394_as.o av1394_async.o av1394_cfgrom.o \
853                  av1394_cmp.o av1394_fcp.o av1394_isoch.o av1394_isoch_chan.o \

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854                  av1394_isoch_recv.o av1394_isoch_xmit.o av1394_list.o \
855                  av1394_queue.o

857 DCAM1394_OBJS +=      dcam.o dcam_frame.o dcam_param.o dcam_reg.o \
858                  dcam_ring_buff.o

860 SCSA1394_OBJS +=      hba.o sbp2_driver.o sbp2_bus.o

862 SBP2_OBJS +=      cfgrom.o sbp2.o

864 PMODEM_OBJS +=      pmodem.o pmodem_cis.o cis.o cis_callout.o cis_handlers.o cis_para

866 DSW_OBJS +=      dsw.o dsw_dev.o ii_tree.o

868 NCALL_OBJS +=      ncall.o \
869                  ncall_stub.o

871 RDC_OBJS +=      rdc.o \
872                  rdc_dev.o \
873                  rdc_io.o \
874                  rdc_clnt.o \
875                  rdc_prot_xdr.o \
876                  rdc_svc.o \
877                  rdc_bitmap.o \
878                  rdc_health.o \
879                  rdc_subr.o \
880                  rdc_diskq.o

882 RDCSRV_OBJS +=      rdcsrv.o

884 RDCSTUB_OBJS +=      rdc_stub.o

886 SDBC_OBJS +=      sd_bcache.o \
887                  sd_bio.o \
888                  sd_conf.o \
889                  sd_ft.o \
890                  sd_hash.o \
891                  sd_io.o \
892                  sd_misc.o \
893                  sd_pcu.o \
894                  sd_tdaemon.o \
895                  sd_trace.o \
896                  sd_iob_impl0.o \
897                  sd_iob_impl1.o \
898                  sd_iob_impl2.o \
899                  sd_iob_impl3.o \
900                  sd_iob_impl4.o \
901                  sd_iob_impl5.o \
902                  sd_iob_impl6.o \
903                  sd_iob_impl7.o \
904                  safestore.o \
905                  safestore_ram.o

907 NSCTL_OBJS +=      nsctl.o \
908                  nsc_cache.o \
909                  nsc_disk.o \
910                  nsc_dev.o \
911                  nsc_freeze.o \
912                  nsc_gen.o \
913                  nsc_mem.o \
914                  nsc_ncallio.o \
915                  nsc_power.o \
916                  nsc_resv.o \
917                  nsc_rmspin.o \
918                  nsc_solaris.o \
919                  nsc_trap.o \

```

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920          nsc_list.o
921 UNISTAT_OBJS += spuni.o \
922             spcs_s_k.o

924 NSKERN_OBJS += nsc_ddi.o \
925             nsc_proc.o \
926             nsc_raw.o \
927             nsc_thread.o \
928             nskernd.o

930 SV_OBJS += sv.o

932 PMCS_OBJS += pmcs_attach.o pmcs_ds.o pmcs_intr.o pmcs_nvram.o pmcs_sata.o \
933             pmcs_scsa.o pmcs_smhba.o pmcs_subr.o pmcs_fwlog.o

935 PMCS8001FW_C_OBJS += pmcs_fw_hdr.o
936 PMCS8001FW_OBJS += $(PMCS8001FW_C_OBJS) SPCBoot.o ila.o firmware.o

938 #
939 #   Build up defines and paths.

941 ST_OBJS += st.o st_conf.o

943 EMLXS_OBJS += emlxs_clock.o emlxs_dfc.o emlxs_dhchap.o emlxs_diag.o \
944             emlxs_download.o emlxs_dump.o emlxs_els.o emlxs_event.o \
945             emlxs_fcf.o emlxs_fcp.o emlxs_fct.o emlxs_hba.o emlxs_ip.o \
946             emlxs_mbox.o emlxs_mem.o emlxs_msg.o emlxs_node.o \
947             emlxs_pkt.o emlxs_sli3.o emlxs_sli4.o emlxs_solaris.o \
948             emlxs_thread.o

950 EMLXS_FW_OBJS += emlxs_fw.o

952 OCE_OBJS += oce_buf.o oce_fm.o oce_gld.o oce_hw.o oce_intr.o oce_main.o \
953            oce_mbx.o oce_mq.o oce_queue.o oce_rx.o oce_stat.o oce_tx.o \
954            oce_utils.o

956 FCT_OBJS += discovery.o fct.o

958 QLT_OBJS += 2400.o 2500.o 8100.o qlt.o qlt_dma.o

960 SRPT_OBJS += srpt_mod.o srpt_ch.o srpt_cm.o srpt_ioc.o srpt_stp.o

962 FCOE_OBJS += fcoe.o fcoe_eth.o fcoe_fc.o

964 FCOET_OBJS += fcoet.o fcoet_eth.o fcoet_fc.o

966 FCOEI_OBJS += fcoei.o fcoei_eth.o fcoei_lv.o

968 ISCSIT_SHARED_OBJS += \
969             iscsit_common.o

971 ISCSIT_OBJS += $(ISCSIT_SHARED_OBJS) \
972             iscsit.o iscsit_tgt.o iscsit_sess.o iscsit_login.o \
973             iscsit_text.o iscsit_isns.o iscsit_radiusauth.o \
974             iscsit_radiuspacket.o iscsit_auth.o iscsit_authclient.o

976 PPPT_OBJS += alua_ic_if.o pppt.o pppt_msg.o pppt_tgt.o

978 STMF_OBJS += lun_map.o stmf.o

980 STMF_SBD_OBJS += sbd.o sbd_scsi.o sbd_pgr.o sbd_zvol.o

982 SYMSMSG_OBJS += sysmsg.o

984 SES_OBJS += ses.o ses_sen.o ses_safte.o ses_ses.o

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986 TNF_OBJS += tnf_buf.o tnf_trace.o tnf_writer.o trace_init.o \
987            trace_funcs.o tnf_probe.o tnf.o

989 LOGINDMUX_OBJS += logindmux.o

991 DEVINFO_OBJS += devinfo.o

993 DEVPOLL_OBJS += devpoll.o

995 DEVPOOL_OBJS += devpool.o

997 I8042_OBJS += i8042.o

999 KB8042_OBJS += \
1000             at_keyprocess.o \
1001             kb8042.o \
1002             kb8042_keytables.o

1004 MOUSE8042_OBJS += mouse8042.o

1006 FDC_OBJS += fdc.o

1008 ASY_OBJS += asy.o

1010 ECPP_OBJS += ecpp.o

1012 VUIDM3P_OBJS += vuidmice.o vuidm3p.o

1014 VUIDM4P_OBJS += vuidmice.o vuidm4p.o

1016 VUIDM5P_OBJS += vuidmice.o vuidm5p.o

1018 VUIDPS2_OBJS += vuidmice.o vuidps2.o

1020 HPCSVCS_OBJS += hpcsvc.o

1022 PCIE_MISC_OBJS += pcie.o pcie_fault.o pcie_hp.o pciehpc.o pcishpc.o pcie_pwr.o p

1024 PCIHPNEXUS_OBJS += pcihp.o

1026 OPENEPR_OBJS += openprom.o

1028 RANDOM_OBJS += random.o

1030 PSHOT_OBJS += pshot.o

1032 GEN_DRV_OBJS += gen_drv.o

1034 TCLIENT_OBJS += tclient.o

1036 TPHCI_OBJS += tphci.o

1038 TVHCI_OBJS += tvhci.o

1040 EMUL64_OBJS += emul64.o emul64_bsd.o

1042 FCP_OBJS += fcp.o

1044 FCIP_OBJS += fcip.o

1046 FCSM_OBJS += fcsm.o

1048 FCTL_OBJS += fctl.o

1050 FP_OBJS += fp.o

```

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1052 QLC_OBJS += ql_api.o ql_debug.o ql_hba_fru.o ql_init.o ql_iocb.o ql_ioctl.o \
1053         ql_isr.o ql_mbx.o ql_nx.o ql_xioctl.o ql_fw_table.o

1055 QLC_FW_2200_OBJS += ql_fw_2200.o

1057 QLC_FW_2300_OBJS += ql_fw_2300.o

1059 QLC_FW_2400_OBJS += ql_fw_2400.o

1061 QLC_FW_2500_OBJS += ql_fw_2500.o

1063 QLC_FW_6322_OBJS += ql_fw_6322.o

1065 QLC_FW_8100_OBJS += ql_fw_8100.o

1067 QLGE_OBJS += qlge.o qlge_dbg.o qlge_flash.o qlge_fm.o qlge_gld.o qlge_mpi.o

1069 ZCONS_OBJS += zcons.o

1071 NV_SATA_OBJS += nv_sata.o

1073 SI3124_OBJS += si3124.o

1075 AHCI_OBJS += ahci.o

1077 PCIIDE_OBJS += pci-ide.o

1079 PCEPP_OBJS += pcepp.o

1081 CPC_OBJS += cpc.o

1083 CPUID_OBJS += cpuid_drv.o

1085 SYSEVENT_OBJS += sysevent.o

1087 BL_OBJS += bl.o

1089 DRM_OBJS += drm_sunmod.o drm_kstat.o drm_agpsupport.o \
1090         drm_auth.o drm_bufs.o drm_context.o drm_dma.o \
1091         drm_drawable.o drm_drv.o drm_fops.o drm_ioctl.o drm_irq.o \
1092         drm_lock.o drm_memory.o drm_msg.o drm_pci.o drm_scatter.o \
1093         drm_cache.o drm_gem.o drm_mm.o ati_pcigart.o

1095 FM_OBJS += devfm.o devfm_machdep.o

1097 RTLS_OBJS += rtls.o

1099 #
1100 #             exec modules
1101 #
1102 AOUTEXEC_OBJS +=aout.o

1104 ELFEXEC_OBJS += elf.o elf_notes.o old_notes.o

1106 INTPEXEC_OBJS +=intp.o

1108 SHBINEXEC_OBJS +=shbin.o

1110 JAVAEXEC_OBJS +=java.o

1112 #
1113 #             file system modules
1114 #
1115 AUTOFS_OBJS += auto_vfsops.o auto_vnops.o auto_subr.o auto_xdr.o auto_sys.o

1117 CACHEFS_OBJS += cachefs_cnode.o         cachefs_cod.o \

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1118         cachefs_dir.o             cachefs_dlog.o cachefs_filegrp.o \
1119         cachefs_fscache.o         cachefs_ioctl.o cachefs_log.o \
1120         cachefs_module.o \
1121         cachefs_noopc.o           cachefs_resource.o \
1122         cachefs_strict.o \
1123         cachefs_subr.o           cachefs_vfsops.o \
1124         cachefs_vnops.o

1126 DCFS_OBJS += dc_vnops.o

1128 DEVFS_OBJS += devfs_subr.o devfs_vfsops.o devfs_vnops.o

1130 DEV_OBJS += sdev_subr.o sdev_vfsops.o sdev_vnops.o \
1131         sdev_ptsops.o sdev_zvolops.o sdev_comm.o \
1132         sdev_profile.o sdev_ncache.o sdev_netops.o \
1133         sdev_ipnetops.o \
1134         sdev_vtops.o

1136 CTFS_OBJS += ctfs_all.o ctfs_cdir.o ctfs_ctl.o ctfs_event.o \
1137         ctfs_latest.o ctfs_root.o ctfs_sym.o ctfs_tdir.o ctfs_tmpl.o

1139 OBJFS_OBJS += objfs_vfs.o objfs_root.o objfs_common.o \
1140         objfs_odir.o objfs_data.o

1142 FDFS_OBJS += fdops.o

1144 FIFO_OBJS += fifosubr.o fifovnops.o

1146 PIPE_OBJS += pipe.o

1148 HSFS_OBJS += hsfs_node.o hsfs_subr.o hsfs_vfsops.o hsfs_vnops.o \
1149         hsfs_susp.o hsfs_rrip.o hsfs_susp_subr.o

1151 LOFS_OBJS += lofs_subr.o lofs_vfsops.o lofs_vnops.o

1153 NAMEFS_OBJS += namevfs.o namevno.o

1155 NFS_OBJS += nfs_client.o nfs_common.o nfs_dump.o \
1156         nfs_subr.o nfs_vfsops.o nfs_vnops.o \
1157         nfs_xdr.o nfs_sys.o nfs_strerror.o \
1158         nfs3_vfsops.o nfs3_vnops.o nfs3_xdr.o \
1159         nfs_acl_vnops.o nfs_acl_xdr.o nfs4_vfsops.o \
1160         nfs4_vnops.o nfs4_xdr.o nfs4_idmap.o \
1161         nfs4_shadow.o nfs4_subr.o \
1162         nfs4_attr.o nfs4_rnode.o nfs4_client.o \
1163         nfs4_acache.o nfs4_common.o nfs4_client_state.o \
1164         nfs4_callback.o nfs4_recovery.o nfs4_client_secinfo.o \
1165         nfs4_client_debug.o nfs_stats.o \
1166         nfs4_acl.o nfs4_stub_vnops.o nfs_cmd.o

1168 NFSSRV_OBJS += nfs_server.o nfs_srv.o nfs3_srv.o \
1169         nfs_acl_srv.o nfs_auth.o nfs_auth_xdr.o \
1170         nfs_export.o nfs_log.o nfs_log_xdr.o \
1171         nfs4_srv.o nfs4_state.o nfs4_srv_attr.o \
1172         nfs4_srv_ns.o nfs4_db.o nfs4_srv_deleg.o \
1173         nfs4_deleg_ops.o nfs4_srv_readdir.o nfs4_dispatch.o

1175 SMBSRV_SHARED_OBJS += \
1176         smb_inet.o \
1177         smb_match.o \
1178         smb_msgbuf.o \
1179         smb_oem.o \
1180         smb_string.o \
1181         smb_utf8.o \
1182         smb_door_legacy.o \
1183         smb_xdr.o \

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1184         smb_token.o \
1185         smb_token_xdr.o \
1186         smb_sid.o \
1187         smb_native.o \
1188         smb_netbios_util.o

1190 SMBSRV_OBJS += $(SMBSRV_SHARED_OBJS) \
1191         smb_acl.o \
1192         smb_alloc.o \
1193         smb_close.o \
1194         smb_common_open.o \
1195         smb_common_transact.o \
1196         smb_create.o \
1197         smb_delete.o \
1198         smb_directory.o \
1199         smb_dispatch.o \
1200         smb_echo.o \
1201         smb_fem.o \
1202         smb_find.o \
1203         smb_flush.o \
1204         smb_fsinfo.o \
1205         smb_fsops.o \
1206         smb_init.o \
1207         smb_kdoor.o \
1208         smb_kshare.o \
1209         smb_kutil.o \
1210         smb_lock.o \
1211         smb_lock_byte_range.o \
1212         smb_locking_andx.o \
1213         smb_logoff_andx.o \
1214         smb_mangle_name.o \
1215         smb_mbuf_marshall.o \
1216         smb_mbuf_util.o \
1217         smb_negotiate.o \
1218         smb_net.o \
1219         smb_node.o \
1220         smb_nt_cancel.o \
1221         smb_nt_create_andx.o \
1222         smb_nt_transact_create.o \
1223         smb_nt_transact_ioctl.o \
1224         smb_nt_transact_notify_change.o \
1225         smb_nt_transact_quota.o \
1226         smb_nt_transact_security.o \
1227         smb_odir.o \
1228         smb_ofile.o \
1229         smb_open_andx.o \
1230         smb_opipe.o \
1231         smb_oplock.o \
1232         smb_pathname.o \
1233         smb_print.o \
1234         smb_process_exit.o \
1235         smb_query_fileinfo.o \
1236         smb_read.o \
1237         smb_rename.o \
1238         smb_sd.o \
1239         smb_seek.o \
1240         smb_server.o \
1241         smb_session.o \
1242         smb_session_setup_andx.o \
1243         smb_set_fileinfo.o \
1244         smb_signing.o \
1245         smb_tree.o \
1246         smb_trans2_create_directory.o \
1247         smb_trans2_dfs.o \
1248         smb_trans2_find.o \
1249         smb_tree_connect.o

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1250         smb_unlock_byte_range.o \
1251         smb_user.o \
1252         smb_vfs.o \
1253         smb_vops.o \
1254         smb_vss.o \
1255         smb_write.o \
1256         smb_write_raw.o

1258 PCFS_OBJS += pc_alloc.o pc_dir.o pc_node.o pc_subr.o \
1259         pc_vfsops.o pc_vnops.o

1261 PROC_OBJS += prcontrol.o prioctl.o prsubr.o prusr.o \
1262         prvfops.o prvnops.o

1264 MNTFS_OBJS += mntvfsops.o mntvnops.o

1266 SHAREFS_OBJS += sharetab.o sharefs_vfsops.o sharefs_vnops.o

1268 SPEC_OBJS += specsubr.o specvops.o specvnops.o

1270 SOCK_OBJS += socksubr.o sockvops.o sockparams.o \
1271         socksyscalls.o socktpi.o sockstr.o \
1272         sockcommon_vnops.o sockcommon_subr.o \
1273         sockcommon_sops.o sockcommon.o \
1274         socknotsupp.o socknotify.o \
1275         nl7c.o nl7curi.o nl7chttp.o nl7clogd.o \
1276         nl7cnca.o sodirect.o sockfilter.o

1278 TMPFS_OBJS += tmp_dir.o tmp_subr.o tmp_tnode.o tmp_vfsops.o \
1279         tmp_vnops.o

1281 UDFS_OBJS += udf_alloc.o udf_bmap.o udf_dir.o \
1282         udf_inode.o udf_subr.o udf_vfsops.o \
1283         udf_vnops.o

1285 UFS_OBJS += ufs_alloc.o ufs_bmap.o ufs_dir.o ufs_xattr.o \
1286         ufs_inode.o ufs_subr.o ufs_tables.o ufs_vfsops.o \
1287         ufs_vnops.o quota.o quotacalls.o quota_ufs.o \
1288         ufs_filio.o ufs_lockfs.o ufs_thread.o ufs_trans.o \
1289         ufs_acl.o ufs_panic.o ufs_directio.o ufs_log.o \
1290         ufs_extvnops.o ufs_snap.o lufs.o lufs_thread.o \
1291         lufs_log.o lufs_map.o lufs_top.o lufs_debug.o

1292 VSCAN_OBJS += vscan_drv.o vscan_svc.o vscan_door.o

1294 NSMB_OBJS += smb_conn.o smb_dev.o smb_iod.o smb_pass.o \
1295         smb_rq.o smb_sign.o smb_smb.o smb_subrs.o \
1296         smb_time.o smb_tran.o smb_trantcp.o smb_usr.o \
1297         subr_mchain.o

1299 SMBFS_COMMON_OBJS += smbfs_ntacl.o
1300 SMBFS_OBJS += smbfs_vfsops.o smbfs_vnops.o smbfs_node.o \
1301         smbfs_acl.o smbfs_client.o smbfs_smb.o \
1302         smbfs_subr.o smbfs_subr2.o \
1303         smbfs_rwlock.o smbfs_xattr.o \
1304         $(SMBFS_COMMON_OBJS)

1307 #
1308 #             LVM modules
1309 #
1310 MD_OBJS += md.o md_error.o md_ioctl.o md_mddb.o md_names.o \
1311         md_med.o md_rename.o md_subr.o

1313 MD_COMMON_OBJS = md_convert.o md_crc.o md_revchk.o

1315 MD_DERIVED_OBJS = metamed_xdr.o meta_basic_xdr.o

```

```

1317 SOFTPART_OBJS += sp.o sp_ioctl.o
1319 STRIPE_OBJS += stripe.o stripe_ioctl.o
1321 HOTSPARES_OBJS += hotspares.o
1323 RAID_OBJS += raid.o raid_ioctl.o raid_replay.o raid_resync.o raid_hotspare.o
1325 MIRROR_OBJS += mirror.o mirror_ioctl.o mirror_resync.o
1327 NOTIFY_OBJS += md_notify.o
1329 TRANS_OBJS += mdtrans.o trans_ioctl.o trans_log.o

1331 ZFS_COMMON_OBJS += \
1332     arc.o \
1333     bplist.o \
1334     bpobj.o \
1335     bptree.o \
1336     dbuf.o \
1337     ddt.o \
1338     ddt_zap.o \
1339     dmuf.o \
1340     dmuf_diff.o \
1341     dmuf_send.o \
1342     dmuf_object.o \
1343     dmuf_objset.o \
1344     dmuf_traverse.o \
1345     dmuf_tx.o \
1346     dnode.o \
1347     dnode_sync.o \
1348     dsl_dir.o \
1349     dsl_dataset.o \
1350     dsl_deadlist.o \
1351     dsl_pool.o \
1352     dsl_synctask.o \
1353     dmuf_zfetch.o \
1354     dsl_deleg.o \
1355     dsl_prop.o \
1356     dsl_scan.o \
1357     zfeature.o \
1358     gzip.o \
1359     lz4.o \
1360     lzjb.o \
1361     metaslab.o \
1362     refcount.o \
1363     sa.o \
1364     sha256.o \
1365     spa.o \
1366     spa_config.o \
1367     spa_errlog.o \
1368     spa_history.o \
1369     spa_misc.o \
1370     space_map.o \
1371     txg.o \
1372     uberblock.o \
1373     unique.o \
1374     vdev.o \
1375     vdev_cache.o \
1376     vdev_file.o \
1377     vdev_label.o \
1378     vdev_mirror.o \
1379     vdev_missing.o \
1380     vdev_queue.o \
1381     vdev_raidz.o \

```

```

1382     vdev_root.o \
1383     zap.o \
1384     zap_leaf.o \
1385     zap_micro.o \
1386     zfs_byteswap.o \
1387     zfs_debug.o \
1388     zfs_edonr.o \
1389     zfs_fm.o \
1390     zfs_fuid.o \
1391     zfs_sa.o \
1392     zfs_znode.o \
1393     zil.o \
1394     zio.o \
1395     zio_checksum.o \
1396     zio_compress.o \
1397     zio_inject.o \
1398     zle.o \
1399     zrlock.o

1401 ZFS_SHARED_OBJS += \
1402     zfeature_common.o \
1403     zfs_comutil.o \
1404     zfs_deleg.o \
1405     zfs_fletcher.o \
1406     zfs_namecheck.o \
1407     zfs_prop.o \
1408     zpool_prop.o \
1409     zprop_common.o

1411 ZFS_OBJS += \
1412     $(ZFS_COMMON_OBJS) \
1413     $(ZFS_SHARED_OBJS) \
1414     vdev_disk.o \
1415     zfs_acl.o \
1416     zfs_ctldir.o \
1417     zfs_dir.o \
1418     zfs_ioctl.o \
1419     zfs_log.o \
1420     zfs_onexit.o \
1421     zfs_replay.o \
1422     zfs_rlock.o \
1423     rrwlock.o \
1424     zfs_vfsops.o \
1425     zfs_vnops.o \
1426     zvol.o

1428 ZUT_OBJS += \
1429     zut.o

1431 #
1432 # streams modules
1433 #
1434 BUFMOD_OBJS += bufmod.o

1436 CONNLD_OBJS += connld.o

1438 DEDUMP_OBJS += dedump.o

1440 DRCOMPAT_OBJS += drcompat.o

1442 LDLINUX_OBJS += ldlinux.o

1444 LDTERM_OBJS += ldterm.o uwidth.o

1446 PCKT_OBJS += pckt.o

```

## new/usr/src/uts/common/Makefile.files

23

```

1448 PFMOD_OBJS += pfmmod.o
1450 PTEM_OBJS += ptem.o
1452 REDIRMOD_OBJS += strredirm.o
1454 TIMOD_OBJS += timod.o
1456 TIRDWR_OBJS += tirdwr.o
1458 TTCOMPAT_OBJS +=ttcompat.o
1460 LOG_OBJS += log.o
1462 PIPEMOD_OBJS += pipemod.o

1464 RPCMOD_OBJS += rpcmod.o      clnt_cots.o      clnt_clts.o \
1465                  clnt_gen.o      clnt_perr.o      mt_rpcinit.o      rpc_calmsg.o \
1466                  rpc_prot.o      rpc_sztypes.o    rpc_subr.o         rpcb_prot.o \
1467                  svc.o           svc_clts.o       svc_gen.o         svc_cots.o \
1468                  rpcsys.o      xdr_sizeof.o    xdr_rdma.o        svc_rdma.o \
1469                  xdr_rdma.o      rdma_subr.o     xdrdma_sizeof.o

1471 TLIMOD_OBJS += tlimod.o      t_kalloc.o      t_kbind.o        t_kclose.o \
1472                  t_kconnect.o    t_kfree.o       t_kgtstate.o     t_kopen.o \
1473                  t_krcvudat.o    t_ksndudat.o   t_kspoll.o       t_kunbind.o \
1474                  t_kutil.o

1476 RLMOD_OBJS += rlmod.o
1478 TELMOD_OBJS += telmod.o
1480 CRYPTMOD_OBJS += cryptmod.o
1482 KB_OBJS += kbd.o          keytables.o

1484 #
1485 #           ID mapping module
1486 #
1487 IDMAP_OBJS += idmap_mod.o    idmap_kapi.o    idmap_xdr.o      idmap_cache.o

1489 #
1490 #           scheduling class modules
1491 #
1492 SDC_OBJS += sysdc.o

1494 RT_OBJS += rt.o
1495 RT_DPTBL_OBJS += rt_dptbl.o

1497 TS_OBJS += ts.o
1498 TS_DPTBL_OBJS += ts_dptbl.o

1500 IA_OBJS += ia.o

1502 FSS_OBJS += fss.o

1504 FX_OBJS += fx.o
1505 FX_DPTBL_OBJS += fx_dptbl.o

1507 #
1508 #           Inter-Process Communication (IPC) modules
1509 #
1510 IPC_OBJS += ipc.o

1512 IPCMSG_OBJS += msg.o

```

## new/usr/src/uts/common/Makefile.files

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```

1514 IPCSEM_OBJS += sem.o
1516 IPCSHM_OBJS += shm.o

1518 #
1519 #           bignum module
1520 #
1521 COMMON_BIGNUM_OBJS += bignum_mod.o bignumimpl.o

1523 BIGNUM_OBJS += $(COMMON_BIGNUM_OBJS) $(BIGNUM_PSR_OBJS)

1525 #
1526 #           kernel cryptographic framework
1527 #
1528 KCF_OBJS += kcf.o kcf_callprov.o kcf_cbufoall.o kcf_cipher.o kcf_crypto.o \
1529              kcf_cryptoadm.o kcf_ctxops.o kcf_digest.o kcf_dual.o \
1530              kcf_keys.o kcf_mac.o kcf_mech_tabs.o kcf_miscapi.o \
1531              kcf_object.o kcf_policy.o kcf_prov_lib.o kcf_prov_tabs.o \
1532              kcf_sched.o kcf_session.o kcf_sign.o kcf_spi.o kcf_verify.o \
1533              kcf_random.o modes.o ecb.o cbc.o ctr.o ccm.o gcm.o \
1534              fips_random.o

1536 CRYPTOADM_OBJS += cryptoadm.o
1538 CRYPTO_OBJS += crypto.o

1540 DPROV_OBJS += dprov.o

1542 DCA_OBJS += dca.o dca_3des.o dca_debug.o dca_dsa.o dca_kstat.o dca_rng.o \
1543              dca_rsa.o

1545 AESPROV_OBJS += aes.o aes_impl.o aes_modes.o
1547 ARCFOURPROV_OBJS += arcfour.o arcfour_crypt.o
1549 BLOWFISHPROV_OBJS += blowfish.o blowfish_impl.o

1551 ECCPROV_OBJS += ecc.o ec.o ec2_163.o ec2_mont.o ecdecode.o ecl_mult.o \
1552                  ecp_384.o ecp_jac.o ec2_193.o ecl.o ecp_192.o ecp_521.o \
1553                  ecp_jm.o ec2_233.o ecl_curve.o ecp_224.o ecp_aff.o \
1554                  ecp_mont.o ec2_aff.o ec_naf.o ecl_gf.o ecp_256.o mp_gf2m.o \
1555                  mpi.o mplogic.o mpmontg.o mprime.o oid.o \
1556                  secitem.o ec2_test.o ecp_test.o

1558 RSAPROV_OBJS += rsa.o rsa_impl.o pkcs1.o

1560 SWRANDPROV_OBJS += swrand.o

1562 #
1563 #           kernel SSL
1564 #
1565 KSSL_OBJS += kssl.o ksslioctl.o

1567 KSSL_SOCKETFIL_MOD_OBJS += ksslfilter.o ksslapi.o ksslrec.o

1569 #
1570 #           misc. modules
1571 #

1573 C2AUDIT_OBJS += adr.o audit.o audit_event.o audit_io.o \
1574                  audit_path.o audit_start.o audit_syscalls.o audit_token.o \
1575                  audit_mem.o

1577 PCIC_OBJS += pcic.o

1579 RPCSEC_OBJS += secmod.o      sec_clnt.o      sec_svc.o      sec_gen.o \

```

```

1580          auth_des.o      auth_kern.o      auth_none.o      auth_loopb.o\
1581          authdesprt.o    authdesubr.o    authu_prot.o \
1582          key_call.o      key_prot.o      svc_authu.o      svcauthdes.o

1584 RPCSEC_GSS_OBJS +=      rpcsec_gssmod.o rpcsec_gss.o rpcsec_gss_misc.o \
1585          rpcsec_gss_utils.o svc_rpcsec_gss.o

1587 CONSCONFIG_OBJS += consconfig.o

1589 CONSCONFIG_DACF_OBJS += consconfig_dacf.o consplat.o

1591 TEM_OBJS += tem.o tem_safe.o 6x10.o 7x14.o 12x22.o

1593 KBTRANS_OBJS +=          \
1594          kbtrans.o        \
1595          kbtrans_keytables.o \
1596          kbtrans_polled.o   \
1597          kbtrans_streams.o  \
1598          usb_keytables.o

1600 KGSSD_OBJS +=      gssd_clnt_stubs.o gssd_handle.o gssd_prot.o \
1601          gss_display_name.o gss_release_name.o gss_import_name.o \
1602          gss_release_buffer.o gss_release_oid_set.o gen_oids.o gssdmod.o

1604 KGSSD_DERIVED_OBJS = gssd_xdr.o

1606 KGSS_DUMMY_OBJS += dmech.o

1608 KSOCKET_OBJS += ksocket.o ksocket_mod.o

1610 CRYPTO= cksmtypes.o decrypt.o encrypt.o encrypt_length.o etypes.o \
1611          nfold.o verify_checksum.o prng.o block_size.o make_checksum.o\
1612          checksum_length.o hmac.o default_state.o mandatory_sumtype.o

1614 # crypto/des
1615 CRYPTO_DES= f_cbc.o f_cksum.o f_parity.o weak_key.o d3_cbc.o ef_crypto.o

1617 CRYPTO_DK= checksum.o derive.o dk_decrypt.o dk_encrypt.o

1619 CRYPTO_ARCFOUR= k5_arcfour.o

1621 # crypto/enc_provider
1622 CRYPTO_ENC= des.o des3.o arcfour_provider.o aes_provider.o

1624 # crypto/hash_provider
1625 CRYPTO_HASH= hash_kef_generic.o hash_kmd5.o hash_crc32.o hash_kshal.o

1627 # crypto/keyhash_provider
1628 CRYPTO_KEYHASH= descbc.o k5_kmd5des.o k_hmac_md5.o

1630 # crypto/crc32
1631 CRYPTO_CRC32= crc32.o

1633 # crypto/old
1634 CRYPTO_OLD= old_decrypt.o old_encrypt.o

1636 # crypto/raw
1637 CRYPTO_RAW= raw_decrypt.o raw_encrypt.o

1639 K5_KRB= kfree.o copy_key.o \
1640          parse.o init_ctx.o \
1641          ser_adata.o ser_addr.o \
1642          ser_auth.o ser_cksum.o \
1643          ser_key.o ser_princ.o \
1644          serialize.o unparse.o \
1645          ser_actx.o

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1647 K5_OS=   timeofday.o toffset.o \
1648          init_os_ctx.o c_ustime.o

1650 SEAL=
1651 # EXPORT DELETE START
1652 SEAL=    seal.o unseal.o
1653 # EXPORT DELETE END

1655 MECH=    delete_sec_context.o \
1656          import_sec_context.o \
1657          gssapi_krb5.o \
1658          k5seal.o k5unseal.o k5sealv3.o \
1659          ser_sctx.o \
1660          sign.o \
1661          util_crypt.o \
1662          util_validate.o util_ordering.o \
1663          util_seqnum.o util_set.o util_seed.o \
1664          wrap_size_limit.o verify.o

1668 MECH_GEN= util_token.o

1671 KGSS_KRB5_OBJS += krb5mech.o \
1672          $(MECH) $(SEAL) $(MECH_GEN) \
1673          $(CRYPTO) $(CRYPTO_DES) $(CRYPTO_DK) $(CRYPTO_ARCFOUR) \
1674          $(CRYPTO_ENC) $(CRYPTO_HASH) \
1675          $(CRYPTO_KEYHASH) $(CRYPTO_CRC32) \
1676          $(CRYPTO_OLD) \
1677          $(CRYPTO_RAW) $(K5_KRB) $(K5_OS)

1679 DES_OBJS +=      des_crypt.o des_impl.o des_ks.o des_soft.o

1681 DLBOOT_OBJS +=  bootparam_xdr.o nfs_dlinet.o scan.o

1683 KRTLD_OBJS +=   kobj_bootflags.o getoptstr.o \
1684          kobj.o kobj_kdi.o kobj_lm.o kobj_subr.o

1686 MOD_OBJS +=     modctl.o modsubr.o modsysfile.o modconf.o modhash.o

1688 STRPLUMB_OBJS += strplumb.o

1690 CPR_OBJS +=      cpr_driver.o cpr_dump.o \
1691          cpr_main.o cpr_misc.o cpr_mod.o cpr_stat.o \
1692          cpr_uthread.o

1694 PROF_OBJS +=    prf.o

1696 SE_OBJS +=      se_driver.o

1698 SYSACCT_OBJS += acct.o

1700 ACCTCTL_OBJS += acctctl.o

1702 EXACCTSYS_OBJS += exacctsys.o

1704 KAIO_OBJS +=    aio.o

1706 PCMCIA_OBJS +=  pcmcia.o cs.o cis.o cis_callout.o cis_handlers.o cis_params.o

1708 BUSRA_OBJS +=   busra.o

1710 PCS_OBJS +=     pcs.o

```

1712 PCAN\_OBJS += pcan.o  
 1714 PCATA\_OBJS += pcide.o pcdisk.o pclabel.o pcata.o  
 1716 PCSER\_OBJS += pcser.o pcser\_cis.o  
 1718 PCWL\_OBJS += pcwl.o  
 1720 PSET\_OBJS += pset.o  
 1722 OHCI\_OBJS += ohci.o ohci\_hub.o ohci\_polled.o  
 1724 UHCI\_OBJS += uhci.o uhciutil.o uhcigt.o uhcihub.o uhcipolled.o  
 1726 EHCI\_OBJS += ehci.o ehci\_hub.o ehci\_xfer.o ehci\_intr.o ehci\_util.o ehci\_polled.o  
 1728 HUBD\_OBJS += hubd.o  
 1730 USB\_MID\_OBJS += usb\_mid.o  
 1732 USB\_IA\_OBJS += usb\_ia.o  
 1734 UWBA\_OBJS += uwba.o uwbai.o  
 1736 SCSA2USB\_OBJS += scsa2usb.o usb\_ms\_bulkonly.o usb\_ms\_cbi.o  
 1738 HWAHC\_OBJS += hwahc.o hwahc\_util.o  
 1740 WUSB\_DF\_OBJS += wusb\_df.o  
 1741 WUSB\_FWMOD\_OBJS += wusb\_fwmod.o  
 1743 IPF\_OBJS += ip\_fil\_solaris.o fil.o solaris.o ip\_state.o ip\_frag.o ip\_nat.o \  
 1744 ip\_proxy.o ip\_auth.o ip\_pool.o ip\_htable.o ip\_lookup.o \  
 1745 ip\_log.o misc.o ip\_compat.o ip\_nat6.o drand48.o  
 1747 IBD\_OBJS += ibd.o ibd\_cm.o  
 1749 EIBNX\_OBJS += enx\_main.o enx\_hdlrs.o enx\_ibt.o enx\_log.o enx\_fip.o \  
 1750 enx\_misc.o enx\_q.o enx\_ctl.o  
 1752 EOIB\_OBJS += eib\_adm.o eib\_chan.o eib\_cmn.o eib\_ctl.o eib\_data.o \  
 1753 eib\_fip.o eib\_ibt.o eib\_log.o eib\_mac.o eib\_main.o \  
 1754 eib\_rsrc.o eib\_svc.o eib\_vnic.o  
 1756 DLPSTUB\_OBJS += dlpistub.o  
 1758 SDP\_OBJS += sdpddi.o  
 1760 TRILL\_OBJS += trill.o  
 1762 CTF\_OBJS += ctf\_create.o ctf\_decl.o ctf\_error.o ctf\_hash.o ctf\_labels.o \  
 1763 ctf\_lookup.o ctf\_open.o ctf\_types.o ctf\_util.o ctf\_subr.o ctf\_mod.o  
 1765 SMBIOS\_OBJS += smb\_error.o smb\_info.o smb\_open.o smb\_subr.o smb\_dev.o  
 1767 RPCIB\_OBJS += rpcib.o  
 1769 KMDB\_OBJS += kdrv.o  
 1771 AFE\_OBJS += afe.o  
 1773 BGE\_OBJS += bge\_main2.o bge\_chip2.o bge\_kstats.o bge\_log.o bge\_ndd.o \  
 1774 bge\_atomic.o bge\_mii.o bge\_send.o bge\_recv2.o bge\_mii\_5906.o  
 1776 DMFE\_OBJS += dmfe\_log.o dmfe\_main.o dmfe\_mii.o

1778 EFE\_OBJS += efe.o  
 1780 ELXL\_OBJS += elxl.o  
 1782 HME\_OBJS += hme.o  
 1784 IXGB\_OBJS += ixgb.o ixgb\_atomic.o ixgb\_chip.o ixgb\_gld.o ixgb\_kstats.o \  
 1785 ixgb\_log.o ixgb\_ndd.o ixgb\_rx.o ixgb\_tx.o ixgb\_xmii.o  
 1787 NGE\_OBJS += nge\_main.o nge\_atomic.o nge\_chip.o nge\_ndd.o nge\_kstats.o \  
 1788 nge\_log.o nge\_rx.o nge\_tx.o nge\_xmii.o  
 1790 PCN\_OBJS += pcn.o  
 1792 RGE\_OBJS += rge\_main.o rge\_chip.o rge\_ndd.o rge\_kstats.o rge\_log.o rge\_rxtx.o  
 1794 URTW\_OBJS += urtw.o  
 1796 ARN\_OBJS += arn\_hw.o arn\_eeeprom.o arn\_mac.o arn\_calib.o arn\_ani.o arn\_phy.o arn\_ \  
 1797 arn\_main.o arn\_recv.o arn\_xmit.o arn\_rc.o  
 1799 ATH\_OBJS += ath\_aux.o ath\_main.o ath\_osdep.o ath\_rate.o  
 1801 ATU\_OBJS += atu.o  
 1803 IPW\_OBJS += ipw2100\_hw.o ipw2100.o  
 1805 IWI\_OBJS += ipw2200\_hw.o ipw2200.o  
 1807 IWH\_OBJS += iwh.o  
 1809 IWK\_OBJS += iwk2.o  
 1811 IWP\_OBJS += iwp.o  
 1813 MWL\_OBJS += mwl.o  
 1815 MWLFW\_OBJS += mwlfw\_mode.o  
 1817 WPI\_OBJS += wpi.o  
 1819 RAL\_OBJS += rt2560.o ral\_rate.o  
 1821 RUM\_OBJS += rum.o  
 1823 RWD\_OBJS += rt2661.o  
 1825 RWN\_OBJS += rt2860.o  
 1827 UATH\_OBJS += uath.o  
 1829 UATHFW\_OBJS += uathfw\_mod.o  
 1831 URAL\_OBJS += ural.o  
 1833 RTW\_OBJS += rtw.o smc93cx6.o rtwphy.o rtwphyio.o  
 1835 ZYD\_OBJS += zyd.o zyd\_usb.o zyd\_hw.o zyd\_fw.o  
 1837 MXFE\_OBJS += mxfe.o  
 1839 MPTSAS\_OBJS += mptsas.o mptsas\_impl.o mptsas\_init.o mptsas\_raid.o mptsas\_smhba.o  
 1841 SFE\_OBJS += sfe.o sfe\_util.o  
 1843 BFE\_OBJS += bfe.o



```

1845 BRIDGE_OBJS += bridge.o
1847 IDM_SHARED_OBJS += base64.o

1849 IDM_OBJS += $(IDM_SHARED_OBJS) \
1850             idm.o idm_impl.o idm_text.o idm_conn_sm.o idm_so.o

1852 VR_OBJS += vr.o

1854 ATGE_OBJS += atge_main.o atge_lle.o atge_mii.o atge_ll.o atge_llc.o

1856 YGE_OBJS = yge.o

1858 #
1859 #     Build up defines and paths.
1860 #
1861 LINT_DEFS     += -Dunix

1863 #
1864 #     This duality can be removed when the native and target compilers
1865 #     are the same (or at least recognize the same command line syntax!)
1866 #     It is a bug in the current compilation system that the assembler
1867 #     can't process the -Y I, flag.
1868 #
1869 NATIVE_INC_PATH += $(INC_PATH) $(CCYFLAG)$(UTSBASE)/common
1870 AS_INC_PATH     += $(INC_PATH) -I$(UTSBASE)/common
1871 INCLUDE_PATH   += $(INC_PATH) $(CCYFLAG)$(UTSBASE)/common

1873 PCIEB_OBJS += pcieb.o

1875 #     Chelsio N110 10G NIC driver module
1876 #
1877 CH_OBJS = ch.o glue.o pe.o sge.o

1879 CH_COM_OBJS = ch_mac.o ch_subr.o cspi.o espi.o ixfl1010.o mc3.o mc4.o mc5.o \
1880             mv88elxxx.o mv88x201x.o my3126.o pm3393.o tp.o ulp.o \
1881             vsc7321.o vsc7326.o xpak.o

1883 #
1884 #     PCI strings file
1885 #
1886 PCI_STRING_OBJS = pci_strings.o

1888 NET_DACF_OBJS += net_dacf.o

1890 #
1891 #     Xframe 10G NIC driver module
1892 #
1893 XGE_OBJS = xge.o xgell.o

1895 XGE_HAL_OBJS = xgehal-channel.o xgehal-fifo.o xgehal-ring.o xgehal-config.o \
1896             xgehal-driver.o xgehal-mm.o xgehal-stats.o xgehal-device.o \
1897             xge-queue.o xgehal-mgmt.o xgehal-mgmtaux.o

1899 #
1900 #     e1000g module
1901 #
1902 E1000G_OBJS += e1000_80003es2lan.o e1000_82540.o e1000_82541.o e1000_82542.o \
1903             e1000_82543.o e1000_82571.o e1000_api.o e1000_ich8lan.o \
1904             e1000_mac.o e1000_manage.o e1000_nvmm.o e1000_osdep.o \
1905             e1000_phy.o e1000g_debug.o e1000g_main.o e1000g_alloc.o \
1906             e1000g_tx.o e1000g_rx.o e1000g_stat.o

1908 #
1909 #     Intel 82575 1G NIC driver module

```

```

1910 #
1911 IGB_OBJS = igb_82575.o igb_api.o igb_mac.o igb_manage.o \
1912           igb_nvmm.o igb_osdep.o igb_phy.o igb_buf.o \
1913           igb_debug.o igb_gld.o igb_log.o igb_main.o \
1914           igb_rx.o igb_stat.o igb_tx.o

1916 #
1917 #     Intel Pro/100 NIC driver module
1918 #
1919 IPRB_OBJS = iprb.o

1921 #
1922 #     Intel 10GbE PCIE NIC driver module
1923 #
1924 IXGBE_OBJS = ixgbe_82598.o ixgbe_82599.o ixgbe_api.o \
1925           ixgbe_common.o ixgbe_phy.o \
1926           ixgbe_buf.o ixgbe_debug.o ixgbe_gld.o \
1927           ixgbe_log.o ixgbe_main.o \
1928           ixgbe_osdep.o ixgbe_rx.o ixgbe_stat.o \
1929           ixgbe_tx.o ixgbe_x540.o ixgbe_mbx.o

1931 #
1932 #     NIU 10G/1G driver module
1933 #
1934 NXGE_OBJS = nxge_mac.o nxge_ipp.o nxge_rxdma.o \
1935           nxge_txdma.o nxge_txc.o nxge_main.o \
1936           nxge_hw.o nxge_fzc.o nxge_virtual.o \
1937           nxge_send.o nxge_classify.o nxge_fflp.o \
1938           nxge_fflp_hash.o nxge_ndd.o nxge_kstats.o \
1939           nxge_zcp.o nxge_fm.o nxge_espc.o nxge_hv.o \
1940           nxge_hio.o nxge_hio_guest.o nxge_intr.o

1942 NXGE_NPI_OBJS = \
1943           npi.o npi_mac.o npi_ipp.o \
1944           npi_txdma.o npi_rxdma.o npi_txc.o \
1945           npi_zcp.o npi_espc.o npi_fflp.o \
1946           npi_vir.o

1948 NXGE_HCALL_OBJS = \
1949           nxge_hcall.o

1951 #
1952 #     Virtio modules
1953 #

1955 #     Virtio core
1956 VIRTIO_OBJS = virtio.o

1958 #     Virtio block driver
1959 VIOBLK_OBJS = vioblk.o

1961 #
1962 #     kiconv modules
1963 #
1964 KICONV_EMEA_OBJS += kiconv_emea.o

1966 KICONV_JA_OBJS += kiconv_ja.o

1968 KICONV_KO_OBJS += kiconv_cck_common.o kiconv_ko.o

1970 KICONV_SC_OBJS += kiconv_cck_common.o kiconv_sc.o

1972 KICONV_TC_OBJS += kiconv_cck_common.o kiconv_tc.o

1974 #
1975 #     AAC module

```

```
1976 #
1977 AAC_OBJS = aac.o aac_ioctl.o

1979 #
1980 #     sdcard modules
1981 #
1982 SDA_OBJS =     sda_cmd.o sda_host.o sda_init.o sda_mem.o sda_mod.o sda_slot.o
1983 SDHOST_OBJS = sdhost.o

1985 #
1986 #     hxge 10G driver module
1987 #
1988 HXGE_OBJS =     hxge_main.o hxge_vmac.o hxge_send.o           \
1989                hxge_txdma.o hxge_rxdma.o hxge_virtual.o     \
1990                hxge_fm.o hxge_fzc.o hxge_hw.o hxge_kstats.o \
1991                hxge_ndd.o hxge_pfc.o                       \
1992                hpi.o hpi_vmac.o hpi_rxdma.o hpi_txdma.o     \
1993                hpi_vir.o hpi_pfc.o

1995 #
1996 #     MEGARAID_SAS module
1997 #
1998 MEGA_SAS_OBJS = megaraid_sas.o

2000 #
2001 #     MR_SAS module
2002 #
2003 MR_SAS_OBJS = ld_pd_map.o mr_sas.o mr_sas_tbolt.o mr_sas_list.o

2005 #
2006 #     ISCSI_INITIATOR module
2007 #
2008 ISCSI_INITIATOR_OBJS = chap.o iscsi_io.o iscsi_thread.o      \
2009                        iscsi_ioctl.o iscsid.o iscsi.o        \
2010                        iscsi_login.o isns_client.o iscsiAuthClient.o \
2011                        iscsi_lun.o iscsiAuthClientGlue.o     \
2012                        iscsi_net.o nvfile.o iscsi_cmd.o      \
2013                        iscsi_queue.o persistent.o iscsi_conn.o \
2014                        iscsi_sess.o radius_auth.o iscsi_crc.o \
2015                        iscsi_stats.o radius_packet.o iscsi_doorclt.o \
2016                        iscsi_targetparam.o utils.o kifconf.o

2018 #
2019 #     ntxn 10Gb/1Gb NIC driver module
2020 #
2021 NTXN_OBJS =     unm_nic_init.o unm_gem.o unm_nic_hw.o unm_ndd.o \
2022                unm_nic_main.o unm_nic_isr.o unm_nic_ctx.o niu.o

2024 #
2025 #     Myricom 10Gb NIC driver module
2026 #
2027 MYRI10GE_OBJS = myril0ge.o myril0ge_lro.o

2029 #     nulldriver module
2030 #
2031 NULLDRIVER_OBJS =     nulldriver.o

2033 TPM_OBJS =     tpm.o tpm_hcall.o
```

```

*****
72753 Tue Feb 19 01:00:53 2013
new/usr/src/uts/common/Makefile.rules
Integrated Edon-R hash function.
*****
1 #
2 # CDDL HEADER START
3 #
4 # The contents of this file are subject to the terms of the
5 # Common Development and Distribution License (the "License").
6 # You may not use this file except in compliance with the License.
7 #
8 # You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
9 # or http://www.opensolaris.org/os/licensing.
10 # See the License for the specific language governing permissions
11 # and limitations under the License.
12 #
13 # When distributing Covered Code, include this CDDL HEADER in each
14 # file and include the License file at usr/src/OPENSOLARIS.LICENSE.
15 # If applicable, add the following below this CDDL HEADER, with the
16 # fields enclosed by brackets "[]" replaced with your own identifying
17 # information: Portions Copyright [yyyy] [name of copyright owner]
18 #
19 # CDDL HEADER END
20 #
21 #
22 #
23 # Copyright (c) 1991, 2010, Oracle and/or its affiliates. All rights reserved.
24 # Copyright (c) 2012 Nexenta Systems, Inc. All rights reserved.
25 #
26 #
27 #
28 # uts/common/Makefile.rules
29 #
30 # This Makefile defines all the file build rules for the directory
31 # uts/common and its children. These are the source files which may
32 # be considered common to all SunOS systems.
33 #
34 # The following two-level ordering must be maintained in this file.
35 # Lines are sorted first in order of decreasing specificity based on
36 # the first directory component. That is, sun4u rules come before
37 # sparc rules come before common rules.
38 #
39 # Lines whose initial directory components are equal are sorted
40 # alphabetically by the remaining components.
41 #
42 #
43 # Section 1a: C objects build rules
44 #
45 $(OBJSDIR)/%.o: $(COMMONBASE)/crypto/aes/%.c
46 $(COMPILE.c) -o $@ $<
47 $(CTFCONVERT_O)
48 #
49 $(OBJSDIR)/%.o: $(COMMONBASE)/crypto/arcfour/%.c
50 $(COMPILE.c) -o $@ $<
51 $(CTFCONVERT_O)
52 #
53 $(OBJSDIR)/%.o: $(COMMONBASE)/crypto/blowfish/%.c
54 $(COMPILE.c) -o $@ $<
55 $(CTFCONVERT_O)
56 #
57 $(OBJSDIR)/%.o: $(COMMONBASE)/crypto/ecc/%.c
58 $(COMPILE.c) -o $@ $<
59 $(CTFCONVERT_O)
60 #
61 $(OBJSDIR)/%.o: $(COMMONBASE)/crypto/modes/%.c

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```

62 $(COMPILE.c) -o $@ $<
63 $(CTFCONVERT_O)
64 #
65 $(OBJSDIR)/%.o: $(COMMONBASE)/crypto/padding/%.c
66 $(COMPILE.c) -o $@ $<
67 $(CTFCONVERT_O)
68 #
69 $(OBJSDIR)/%.o: $(COMMONBASE)/crypto/rng/%.c
70 $(COMPILE.c) -o $@ $<
71 $(CTFCONVERT_O)
72 #
73 $(OBJSDIR)/%.o: $(COMMONBASE)/crypto/rsa/%.c
74 $(COMPILE.c) -o $@ $<
75 $(CTFCONVERT_O)
76 #
77 $(OBJSDIR)/%.o: $(COMMONBASE)/bignum/%.c
78 $(COMPILE.c) -o $@ $<
79 $(CTFCONVERT_O)
80 #
81 $(OBJSDIR)/%.o: $(UTSBASE)/common/bignum/%.c
82 $(COMPILE.c) -o $@ $<
83 $(CTFCONVERT_O)
84 #
85 $(OBJSDIR)/%.o: $(COMMONBASE)/mpi/%.c
86 $(COMPILE.c) -o $@ $<
87 $(CTFCONVERT_O)
88 #
89 $(OBJSDIR)/%.o: $(COMMONBASE)/acl/%.c
90 $(COMPILE.c) -o $@ $<
91 $(CTFCONVERT_O)
92 #
93 $(OBJSDIR)/%.o: $(COMMONBASE)/avl/%.c
94 $(COMPILE.c) -o $@ $<
95 $(CTFCONVERT_O)
96 #
97 $(OBJSDIR)/%.o: $(COMMONBASE)/ucode/%.c
98 $(COMPILE.c) -o $@ $<
99 $(CTFCONVERT_O)
100 #
101 $(OBJSDIR)/%.o: $(UTSBASE)/common/brand/sn1/%.c
102 $(COMPILE.c) -o $@ $<
103 $(CTFCONVERT_O)
104 #
105 $(OBJSDIR)/%.o: $(UTSBASE)/common/brand/solaris10/%.c
106 $(COMPILE.c) -o $@ $<
107 $(CTFCONVERT_O)
108 #
109 $(OBJSDIR)/%.o: $(UTSBASE)/common/c2/%.c
110 $(COMPILE.c) -o $@ $<
111 $(CTFCONVERT_O)
112 #
113 $(OBJSDIR)/%.o: $(UTSBASE)/common/conf/%.c
114 $(COMPILE.c) -o $@ $<
115 $(CTFCONVERT_O)
116 #
117 $(OBJSDIR)/%.o: $(UTSBASE)/common/contract/%.c
118 $(COMPILE.c) -o $@ $<
119 $(CTFCONVERT_O)
120 #
121 $(OBJSDIR)/%.o: $(UTSBASE)/common/cpr/%.c
122 $(COMPILE.c) -o $@ $<
123 $(CTFCONVERT_O)
124 #
125 $(OBJSDIR)/%.o: $(UTSBASE)/common/ctf/%.c
126 $(COMPILE.c) -o $@ $<
127 $(CTFCONVERT_O)

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129 $(OBJSDIR)/%.o: $(COMMONBASE)/ctf/%.c
130 $(COMPILE.c) -o $@ $<
131 $(CTFCONVERT_O)

133 $(OBJSDIR)/%.o: $(COMMONBASE)/crypto/des/%.c
134 $(COMPILE.c) -o $@ $<
135 $(CTFCONVERT_O)

137 $(OBJSDIR)/%.o: $(COMMONBASE)/smbios/%.c
138 $(COMPILE.c) -o $@ $<
139 $(CTFCONVERT_O)

141 $(OBJSDIR)/%.o: $(UTSBASE)/common/des/%.c
142 $(COMPILE.c) -o $@ $<
143 $(CTFCONVERT_O)

145 $(OBJSDIR)/%.o: $(UTSBASE)/common/crypto/api/%.c
146 $(COMPILE.c) -o $@ $<
147 $(CTFCONVERT_O)

149 $(OBJSDIR)/%.o: $(UTSBASE)/common/crypto/core/%.c
150 $(COMPILE.c) -o $@ $<
151 $(CTFCONVERT_O)

153 $(OBJSDIR)/%.o: $(UTSBASE)/common/crypto/io/%.c
154 $(COMPILE.c) -o $@ $<
155 $(CTFCONVERT_O)

157 $(OBJSDIR)/%.o: $(UTSBASE)/common/crypto/spi/%.c
158 $(COMPILE.c) -o $@ $<
159 $(CTFCONVERT_O)

161 $(OBJSDIR)/%.o: $(COMMONBASE)/pci/%.c
162 $(COMPILE.c) -o $@ $<
163 $(CTFCONVERT_O)

165 $(OBJSDIR)/%.o: $(COMMONBASE)/devid/%.c
166 $(COMPILE.c) -o $@ $<
167 $(CTFCONVERT_O)

169 $(OBJSDIR)/%.o: $(UTSBASE)/common/disp/%.c
170 $(COMPILE.c) -o $@ $<
171 $(CTFCONVERT_O)

173 $(OBJSDIR)/%.o: $(UTSBASE)/common/dtrace/%.c
174 $(COMPILE.c) -o $@ $<
175 $(CTFCONVERT_O)

177 $(OBJSDIR)/%.o: $(COMMONBASE)/exacct/%.c
178 $(COMPILE.c) -o $@ $<
179 $(CTFCONVERT_O)

181 $(OBJSDIR)/%.o: $(UTSBASE)/common/exec/aout/%.c
182 $(COMPILE.c) -o $@ $<
183 $(CTFCONVERT_O)

185 $(OBJSDIR)/%.o: $(UTSBASE)/common/exec/elf/%.c
186 $(COMPILE.c) -o $@ $<
187 $(CTFCONVERT_O)

189 $(OBJSDIR)/%.o: $(UTSBASE)/common/exec/intp/%.c
190 $(COMPILE.c) -o $@ $<
191 $(CTFCONVERT_O)

193 $(OBJSDIR)/%.o: $(UTSBASE)/common/exec/shbin/%.c

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```

194 $(COMPILE.c) -o $@ $<
195 $(CTFCONVERT_O)

197 $(OBJSDIR)/%.o: $(UTSBASE)/common/exec/java/%.c
198 $(COMPILE.c) -o $@ $<
199 $(CTFCONVERT_O)

201 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/%.c
202 $(COMPILE.c) -o $@ $<
203 $(CTFCONVERT_O)

205 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/autofs/%.c
206 $(COMPILE.c) -o $@ $<
207 $(CTFCONVERT_O)

209 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/cacheofs/%.c
210 $(COMPILE.c) -o $@ $<
211 $(CTFCONVERT_O)

213 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/dcfis/%.c
214 $(COMPILE.c) -o $@ $<
215 $(CTFCONVERT_O)

217 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/devfs/%.c
218 $(COMPILE.c) -o $@ $<
219 $(CTFCONVERT_O)

221 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/ctfs/%.c
222 $(COMPILE.c) -o $@ $<
223 $(CTFCONVERT_O)

225 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/doorfs/%.c
226 $(COMPILE.c) -o $@ $<
227 $(CTFCONVERT_O)

229 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/dev/%.c
230 $(COMPILE.c) -o $@ $<
231 $(CTFCONVERT_O)

233 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/fd/%.c
234 $(COMPILE.c) -o $@ $<
235 $(CTFCONVERT_O)

237 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/fifofs/%.c
238 $(COMPILE.c) -o $@ $<
239 $(CTFCONVERT_O)

241 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/hsfs/%.c
242 $(COMPILE.c) -o $@ $<
243 $(CTFCONVERT_O)

245 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/lofs/%.c
246 $(COMPILE.c) -o $@ $<
247 $(CTFCONVERT_O)

249 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/mntfs/%.c
250 $(COMPILE.c) -o $@ $<
251 $(CTFCONVERT_O)

253 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/namefs/%.c
254 $(COMPILE.c) -o $@ $<
255 $(CTFCONVERT_O)

257 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/nfs/%.c
258 $(COMPILE.c) -o $@ $<
259 $(CTFCONVERT_O)

```

```

261 $(OBJSDIR)/%.o: $(COMMONBASE)/smbsrv/%.c
262 $(COMPILE.c) -o $@ $<
263 $(CTFCONVERT_O)

265 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/smbsrv/%.c
266 $(COMPILE.c) -o $@ $<
267 $(CTFCONVERT_O)

269 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/objfs/%.c
270 $(COMPILE.c) -o $@ $<
271 $(CTFCONVERT_O)

273 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/pcfefs/%.c
274 $(COMPILE.c) -o $@ $<
275 $(CTFCONVERT_O)

277 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/portfs/%.c
278 $(COMPILE.c) -o $@ $<
279 $(CTFCONVERT_O)

281 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/proc/%.c
282 $(COMPILE.c) -o $@ $<
283 $(CTFCONVERT_O)

285 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/sharefs/%.c
286 $(COMPILE.c) -o $@ $<
287 $(CTFCONVERT_O)

289 $(OBJSDIR)/%.o: $(COMMONBASE)/smbclnt/%.c
290 $(COMPILE.c) -o $@ $<
291 $(CTFCONVERT_O)

293 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/smbclnt/netsmb/%.c
294 $(COMPILE.c) -o $@ $<
295 $(CTFCONVERT_O)

297 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/smbclnt/smbfs/%.c
298 $(COMPILE.c) -o $@ $<
299 $(CTFCONVERT_O)

301 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/sockfs/%.c
302 $(COMPILE.c) -o $@ $<
303 $(CTFCONVERT_O)

305 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/specfs/%.c
306 $(COMPILE.c) -o $@ $<
307 $(CTFCONVERT_O)

309 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/swapfs/%.c
310 $(COMPILE.c) -o $@ $<
311 $(CTFCONVERT_O)

313 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/tmpfs/%.c
314 $(COMPILE.c) -o $@ $<
315 $(CTFCONVERT_O)

317 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/udfs/%.c
318 $(COMPILE.c) -o $@ $<
319 $(CTFCONVERT_O)

321 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/ufs/%.c
322 $(COMPILE.c) -o $@ $<
323 $(CTFCONVERT_O)

325 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/vscan/%.c

```

```

326 $(COMPILE.c) -o $@ $<
327 $(CTFCONVERT_O)

329 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/zfs/%.c
330 $(COMPILE.c) -o $@ $<
331 $(CTFCONVERT_O)

333 $(OBJSDIR)/%.o: $(UTSBASE)/common/fs/zut/%.c
334 $(COMPILE.c) -o $@ $<
335 $(CTFCONVERT_O)

337 $(OBJSDIR)/%.o: $(COMMONBASE)/xattr/%.c
338 $(COMPILE.c) -o $@ $<
339 $(CTFCONVERT_O)

341 $(OBJSDIR)/%.o: $(COMMONBASE)/zfs/%.c
342 $(COMPILE.c) -o $@ $<
343 $(CTFCONVERT_O)

345 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/scsi/adapters/pmcs/%.c
346 $(COMPILE.c) -o $@ $<
347 $(CTFCONVERT_O)

349 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/scsi/adapters/pmcs/%.bin
350 $(COMPILE.b) -o $@ $<
351 $(CTFCONVERT_O)

353 $(OBJSDIR)/%.o: $(COMMONBASE)/fsreparse/%.c
354 $(COMPILE.c) -o $@ $<
355 $(CTFCONVERT_O)

357 KMECHKRB5_BASE=$(UTSBASE)/common/gssapi/mechs/krb5

359 KGSSDFLAGS=-I $(UTSBASE)/common/gssapi/include

361 # Note, KRB5_DEFS can be assigned various preprocessor flags,
362 # typically -D defines on the make invocation. The standard compiler
363 # flags will not be overwritten.
364 KGSSDFLAGS += $(KRB5_DEFS)

366 $(OBJSDIR)/%.o: $(UTSBASE)/common/gssapi/%.c
367 $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<
368 $(CTFCONVERT_O)

370 $(OBJSDIR)/%.o: $(UTSBASE)/common/gssapi/mechs/dummy/%.c
371 $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<
372 $(CTFCONVERT_O)

374 $(OBJSDIR)/%.o: $(KMECHKRB5_BASE)/%.c
375 $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<
376 $(CTFCONVERT_O)

378 $(OBJSDIR)/%.o: $(KMECHKRB5_BASE)/crypto/%.c
379 $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<
380 $(CTFCONVERT_O)

382 $(OBJSDIR)/%.o: $(KMECHKRB5_BASE)/crypto/des/%.c
383 $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<
384 $(CTFCONVERT_O)

386 $(OBJSDIR)/%.o: $(KMECHKRB5_BASE)/crypto/arcfour/%.c
387 $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<
388 $(CTFCONVERT_O)

390 $(OBJSDIR)/%.o: $(KMECHKRB5_BASE)/crypto/dk/%.c
391 $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<

```

```

392      $(CTFCONVERT_O)

394 $(OBJS_DIR)/%.o:                $(KMECHKRB5_BASE)/crypto/enc_provider/%.c
395     $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<
396     $(CTFCONVERT_O)

398 $(OBJS_DIR)/%.o:                $(KMECHKRB5_BASE)/crypto/hash_provider/%.c
399     $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<
400     $(CTFCONVERT_O)

402 $(OBJS_DIR)/%.o:                $(KMECHKRB5_BASE)/crypto/keyhash_provider/%.c
403     $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<
404     $(CTFCONVERT_O)

406 $(OBJS_DIR)/%.o:                $(KMECHKRB5_BASE)/crypto/raw/%.c
407     $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<
408     $(CTFCONVERT_O)

410 $(OBJS_DIR)/%.o:                $(KMECHKRB5_BASE)/crypto/old/%.c
411     $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<
412     $(CTFCONVERT_O)

414 $(OBJS_DIR)/%.o:                $(KMECHKRB5_BASE)/krb5/krb/%.c
415     $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<
416     $(CTFCONVERT_O)

418 $(OBJS_DIR)/%.o:                $(KMECHKRB5_BASE)/krb5/os/%.c
419     $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<
420     $(CTFCONVERT_O)

422 $(OBJS_DIR)/ser_sctx.o := CPPFLAGS += -DPROVIDE_KERNEL_IMPORT=1

424 $(OBJS_DIR)/%.o:                $(KMECHKRB5_BASE)/mech/%.c
425     $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<
426     $(CTFCONVERT_O)

428 $(OBJS_DIR)/%.o:                $(KMECHKRB5_BASE)/profile/%.c
429     $(COMPILE.c) $(KGSSDFLAGS) -o $@ $<
430     $(CTFCONVERT_O)

432 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/avs/ncall/%.c
433     $(COMPILE.c) -o $@ $<
434     $(CTFCONVERT_O)

436 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/avs/ns/dsw/%.c
437     $(COMPILE.c) -o $@ $<
438     $(CTFCONVERT_O)

440 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/avs/ns/nsctl/%.c
441     $(COMPILE.c) -o $@ $<
442     $(CTFCONVERT_O)

444 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/avs/ns/rdc/%.c
445     $(COMPILE.c) -o $@ $<
446     $(CTFCONVERT_O)

448 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/avs/ns/sdbc/%.c
449     $(COMPILE.c) -o $@ $<
450     $(CTFCONVERT_O)

452 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/avs/ns/solaris/%.c
453     $(COMPILE.c) -o $@ $<
454     $(CTFCONVERT_O)

456 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/avs/ns/sv/%.c
457     $(COMPILE.c) -o $@ $<

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```

458      $(CTFCONVERT_O)

460 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/avs/ns/unistat/%.c
461     $(COMPILE.c) -o $@ $<
462     $(CTFCONVERT_O)

464 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/idmap/%.c
465     $(COMPILE.c) -o $@ $<
466     $(CTFCONVERT_O)

468 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/inet/%.c
469     $(COMPILE.c) -o $@ $<
470     $(CTFCONVERT_O)

472 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/inet/arp/%.c
473     $(COMPILE.c) -o $@ $<
474     $(CTFCONVERT_O)

476 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/inet/ip/%.c
477     $(COMPILE.c) -o $@ $<
478     $(CTFCONVERT_O)

480 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/inet/ipnet/%.c
481     $(COMPILE.c) -o $@ $<
482     $(CTFCONVERT_O)

484 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/inet/iptun/%.c
485     $(COMPILE.c) -o $@ $<
486     $(CTFCONVERT_O)

488 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/inet/kssl/%.c
489     $(COMPILE.c) -o $@ $<
490     $(CTFCONVERT_O)

492 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/inet/sctp/%.c
493     $(COMPILE.c) -o $@ $<
494     $(CTFCONVERT_O)

496 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/inet/tcp/%.c
497     $(COMPILE.c) -o $@ $<
498     $(CTFCONVERT_O)

500 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/inet/ilb/%.c
501     $(COMPILE.c) -o $@ $<
502     $(CTFCONVERT_O)

504 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/inet/ipf/%.c
505     $(COMPILE.c) -o $@ $<
506     $(CTFCONVERT_O)

508 $(OBJS_DIR)/%.o:                $(COMMONBASE)/net/patricia/%.c
509     $(COMPILE.c) -o $@ $<
510     $(CTFCONVERT_O)

512 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/inet/udp/%.c
513     $(COMPILE.c) -o $@ $<
514     $(CTFCONVERT_O)

516 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/inet/nca/%.c
517     $(COMPILE.c) -o $@ $<
518     $(CTFCONVERT_O)

520 $(OBJS_DIR)/%.o:                $(UTSBASE)/common/inet/sockmods/%.c
521     $(COMPILE.c) -o $@ $<
522     $(CTFCONVERT_O)

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524 $(OBJSDIR)/%.o: $(UTSBASE)/common/inet/dlpistub/%.c
525 $(COMPILE.c) -o $@ $<
526 $(CTFCONVERT_O)

528 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/%.c
529 $(COMPILE.c) -o $@ $<
530 $(CTFCONVERT_O)

532 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/l394/%.c
533 $(COMPILE.c) -o $@ $<
534 $(CTFCONVERT_O)

536 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/l394/adapters/%.c
537 $(COMPILE.c) -o $@ $<
538 $(CTFCONVERT_O)

540 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/l394/targets/av1394/%.c
541 $(COMPILE.c) -o $@ $<
542 $(CTFCONVERT_O)

544 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/l394/targets/dcam1394/%.c
545 $(COMPILE.c) -o $@ $<
546 $(CTFCONVERT_O)

548 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/l394/targets/scsal394/%.c
549 $(COMPILE.c) -o $@ $<
550 $(CTFCONVERT_O)

552 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/sbp2/%.c
553 $(COMPILE.c) -o $@ $<
554 $(CTFCONVERT_O)

556 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/aac/%.c
557 $(COMPILE.c) -o $@ $<
558 $(CTFCONVERT_O)

560 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/afe/%.c
561 $(COMPILE.c) -o $@ $<
562 $(CTFCONVERT_O)

564 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/atge/%.c
565 $(COMPILE.c) -o $@ $<
566 $(CTFCONVERT_O)

568 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/arn/%.c
569 $(COMPILE.c) -o $@ $<
570 $(CTFCONVERT_O)

572 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ath/%.c
573 $(COMPILE.c) -o $@ $<
574 $(CTFCONVERT_O)

576 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/atu/%.c
577 $(COMPILE.c) -o $@ $<
578 $(CTFCONVERT_O)

580 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/impl/%.c
581 $(COMPILE.c) -o $@ $<
582 $(CTFCONVERT_O)

584 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/ac97/%.c
585 $(COMPILE.c) -o $@ $<
586 $(CTFCONVERT_O)

588 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/drv/audioens/%.c
589 $(COMPILE.c) -o $@ $<

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590 $(CTFCONVERT_O)

592 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/drv/audioemu10k/%.c
593 $(COMPILE.c) -o $@ $<
594 $(CTFCONVERT_O)

596 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/drv/audio1575/%.c
597 $(COMPILE.c) -o $@ $<
598 $(CTFCONVERT_O)

600 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/drv/audio810/%.c
601 $(COMPILE.c) -o $@ $<
602 $(CTFCONVERT_O)

604 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/drv/audiocmi/%.c
605 $(COMPILE.c) -o $@ $<
606 $(CTFCONVERT_O)

608 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/drv/audiocmihd/%.c
609 $(COMPILE.c) -o $@ $<
610 $(CTFCONVERT_O)

612 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/drv/audiohd/%.c
613 $(COMPILE.c) -o $@ $<
614 $(CTFCONVERT_O)

616 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/drv/audioixp/%.c
617 $(COMPILE.c) -o $@ $<
618 $(CTFCONVERT_O)

620 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/drv/audiols/%.c
621 $(COMPILE.c) -o $@ $<
622 $(CTFCONVERT_O)

624 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/drv/audiopci/%.c
625 $(COMPILE.c) -o $@ $<
626 $(CTFCONVERT_O)

628 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/drv/audiopl6x/%.c
629 $(COMPILE.c) -o $@ $<
630 $(CTFCONVERT_O)

632 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/drv/audiosolo/%.c
633 $(COMPILE.c) -o $@ $<
634 $(CTFCONVERT_O)

636 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/drv/audiots/%.c
637 $(COMPILE.c) -o $@ $<
638 $(CTFCONVERT_O)

640 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/drv/audiovia823x/%.c
641 $(COMPILE.c) -o $@ $<
642 $(CTFCONVERT_O)

644 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/audio/drv/audiovia97/%.c
645 $(COMPILE.c) -o $@ $<
646 $(CTFCONVERT_O)

648 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/bfe/%.c
649 $(COMPILE.c) -o $@ $<
650 $(CTFCONVERT_O)

652 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/bge/%.c
653 $(COMPILE.c) -o $@ $<
654 $(CTFCONVERT_O)

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656 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/blkdev/%.c
657 $(COMPILE.c) -o $@ $<
658 $(CTFCONVERT_O)

660 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/bpf/%.c
661 $(COMPILE.c) -o $@ $<
662 $(CTFCONVERT_O)

664 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/cardbus/%.c
665 $(COMPILE.c) -o $@ $<
666 $(CTFCONVERT_O)

668 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/comstar/stmf/%.c
669 $(COMPILE.c) -o $@ $<
670 $(CTFCONVERT_O)

672 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/comstar/port/fct/%.c
673 $(COMPILE.c) -o $@ $<
674 $(CTFCONVERT_O)

676 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/comstar/port/qlt/%.c
677 $(COMPILE.c) -o $@ $<
678 $(CTFCONVERT_O)

680 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/comstar/port/srpt/%.c
681 $(COMPILE.c) -o $@ $<
682 $(CTFCONVERT_O)

684 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/comstar/port/fcoet/%.c
685 $(COMPILE.c) -o $@ $<
686 $(CTFCONVERT_O)

688 $(OBJSDIR)/%.o: $(COMMONBASE)/iscsit/%.c
689 $(COMPILE.c) -o $@ $<
690 $(CTFCONVERT_O)

692 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/comstar/port/iscsit/%.c
693 $(COMPILE.c) -o $@ $<
694 $(CTFCONVERT_O)

696 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/comstar/port/pppt/%.c
697 $(COMPILE.c) -o $@ $<
698 $(CTFCONVERT_O)

700 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/comstar/lu/stmf_sbd/%.c
701 $(COMPILE.c) -o $@ $<
702 $(CTFCONVERT_O)

704 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/dld/%.c
705 $(COMPILE.c) -o $@ $<
706 $(CTFCONVERT_O)

708 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/dls/%.c
709 $(COMPILE.c) -o $@ $<
710 $(CTFCONVERT_O)

712 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/dmfe/%.c
713 $(COMPILE.c) -o $@ $<
714 $(CTFCONVERT_O)

716 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/drm/%.c
717 $(COMPILE.c) -o $@ $<
718 $(CTFCONVERT_O)

720 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/efe/%.c
721 $(COMPILE.c) -o $@ $<

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722 $(CTFCONVERT_O)

724 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/elxl/%.c
725 $(COMPILE.c) -o $@ $<
726 $(CTFCONVERT_O)

728 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/fcoe/%.c
729 $(COMPILE.c) -o $@ $<
730 $(CTFCONVERT_O)

732 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/hme/%.c
733 $(COMPILE.c) -o $@ $<
734 $(CTFCONVERT_O)

736 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/pciex/%.c
737 $(COMPILE.c) -o $@ $<
738 $(CTFCONVERT_O)

740 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/hotplug/hpcsvc/%.c
741 $(COMPILE.c) -o $@ $<
742 $(CTFCONVERT_O)

744 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/pciex/hotplug/%.c
745 $(COMPILE.c) -o $@ $<
746 $(CTFCONVERT_O)

748 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/hotplug/pcihp/%.c
749 $(COMPILE.c) -o $@ $<
750 $(CTFCONVERT_O)

752 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/clients/rds/%.c
753 $(COMPILE.c) -o $@ $<
754 $(CTFCONVERT_O)

756 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/clients/rdsv3/%.c
757 $(COMPILE.c) -o $@ $<
758 $(CTFCONVERT_O)

760 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/clients/iser/%.c
761 $(COMPILE.c) -o $@ $<
762 $(CTFCONVERT_O)

764 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/clients/ibd/%.c
765 $(COMPILE.c) -o $@ $<
766 $(CTFCONVERT_O)

768 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/clients/eoib/%.c
769 $(COMPILE.c) -o $@ $<
770 $(CTFCONVERT_O)

772 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/clients/of/sol_ofs/%.c
773 $(COMPILE.c) -o $@ $<
774 $(CTFCONVERT_O)

776 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/clients/of/sol_ucma/%.c
777 $(COMPILE.c) -o $@ $<
778 $(CTFCONVERT_O)

780 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/clients/of/sol_umad/%.c
781 $(COMPILE.c) -o $@ $<
782 $(CTFCONVERT_O)

784 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/clients/of/sol_uverbs/%.c
785 $(COMPILE.c) -o $@ $<
786 $(CTFCONVERT_O)

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788 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/clients/sdp/%.c
789 $(COMPILE.c) -o $@ $<
790 $(CTFCONVERT_O)

792 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/mgt/ibcm/%.c
793 $(COMPILE.c) -o $@ $<
794 $(CTFCONVERT_O)

796 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/mgt/ibdm/%.c
797 $(COMPILE.c) -o $@ $<
798 $(CTFCONVERT_O)

800 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/mgt/ibdma/%.c
801 $(COMPILE.c) -o $@ $<
802 $(CTFCONVERT_O)

804 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/mgt/ibmf/%.c
805 $(COMPILE.c) -o $@ $<
806 $(CTFCONVERT_O)

808 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/ibnex/%.c
809 $(COMPILE.c) -o $@ $<
810 $(CTFCONVERT_O)

812 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/ibtl/%.c
813 $(COMPILE.c) -o $@ $<
814 $(CTFCONVERT_O)

816 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/adapters/tavor/%.c
817 $(COMPILE.c) -o $@ $<
818 $(CTFCONVERT_O)

820 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/adapters/hermon/%.c
821 $(COMPILE.c) -o $@ $<
822 $(CTFCONVERT_O)

824 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ib/clients/daplt/%.c
825 $(COMPILE.c) -o $@ $<
826 $(CTFCONVERT_O)

828 $(OBJSDIR)/%.o: $(COMMONBASE)/iscsi/%.c
829 $(COMPILE.c) -o $@ $<
830 $(CTFCONVERT_O)

832 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/idm/%.c
833 $(COMPILE.c) -o $@ $<
834 $(CTFCONVERT_O)

836 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ipw/%.c
837 $(COMPILE.c) -o $@ $<
838 $(CTFCONVERT_O)

840 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/iwh/%.c
841 $(COMPILE.c) -o $@ $<
842 $(CTFCONVERT_O)

844 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/iwi/%.c
845 $(COMPILE.c) -o $@ $<
846 $(CTFCONVERT_O)

848 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/iwk/%.c
849 $(COMPILE.c) -o $@ $<
850 $(CTFCONVERT_O)

852 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/iwp/%.c
853 $(COMPILE.c) -o $@ $<

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854 $(CTFCONVERT_O)

856 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/kb8042/%.c
857 $(COMPILE.c) -o $@ $<
858 $(CTFCONVERT_O)

860 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/kbtrans/%.c
861 $(COMPILE.c) -o $@ $<
862 $(CTFCONVERT_O)

864 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ksocket/%.c
865 $(COMPILE.c) -o $@ $<
866 $(CTFCONVERT_O)

868 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/aggr/%.c
869 $(COMPILE.c) -o $@ $<
870 $(CTFCONVERT_O)

872 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/lp/%.c
873 $(COMPILE.c) -o $@ $<
874 $(CTFCONVERT_O)

876 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/lvm/hotspares/%.c
877 $(COMPILE.c) -o $@ $<
878 $(CTFCONVERT_O)

880 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/lvm/md/%.c
881 $(COMPILE.c) -o $@ $<
882 $(CTFCONVERT_O)

884 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/lvm/mirror/%.c
885 $(COMPILE.c) -o $@ $<
886 $(CTFCONVERT_O)

888 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/lvm/notify/%.c
889 $(COMPILE.c) -o $@ $<
890 $(CTFCONVERT_O)

892 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/lvm/raid/%.c
893 $(COMPILE.c) -o $@ $<
894 $(CTFCONVERT_O)

896 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/lvm/softpart/%.c
897 $(COMPILE.c) -o $@ $<
898 $(CTFCONVERT_O)

900 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/lvm/striped/%.c
901 $(COMPILE.c) -o $@ $<
902 $(CTFCONVERT_O)

904 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/lvm/trans/%.c
905 $(COMPILE.c) -o $@ $<
906 $(CTFCONVERT_O)

908 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/mac/%.c
909 $(COMPILE.c) -o $@ $<
910 $(CTFCONVERT_O)

912 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/mac/plugins/%.c
913 $(COMPILE.c) -o $@ $<
914 $(CTFCONVERT_O)

916 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/mega_sas/%.c
917 $(COMPILE.c) -o $@ $<
918 $(CTFCONVERT_O)

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920 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/mii/%.c
921     $(COMPILE.c) -o $@ $<
922     $(CTFCONVERT_O)

924 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/mr_sas/%.c
925     $(COMPILE.c) -o $@ $<
926     $(CTFCONVERT_O)

928 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/scsi/adapters/mpt_sas/%.c
929     $(COMPILE.c) -o $@ $<
930     $(CTFCONVERT_O)

932 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/mxfe/%.c
933     $(COMPILE.c) -o $@ $<
934     $(CTFCONVERT_O)

936 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/mwl/%.c
937     $(COMPILE.c) -o $@ $<
938     $(CTFCONVERT_O)

940 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/mwl/mwl_fw/%.c
941     $(COMPILE.c) -o $@ $<
942     $(CTFCONVERT_O)

944 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/net80211/%.c
945     $(COMPILE.c) -o $@ $<
946     $(CTFCONVERT_O)

948 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/nge/%.c
949     $(COMPILE.c) -o $@ $<
950     $(CTFCONVERT_O)

952 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/nxge/%.c
953     $(COMPILE.c) -o $@ $<
954     $(CTFCONVERT_O)

956 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/nxge/npi/%.c
957     $(COMPILE.c) -o $@ $<
958     $(CTFCONVERT_O)

960 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/nxge/%.s
961     $(COMPILE.s) -o $@ $<

963 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/pci-ide/%.c
964     $(COMPILE.c) -o $@ $<
965     $(CTFCONVERT_O)

967 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/pcmcia/%.c
968     $(COMPILE.c) -o $@ $<
969     $(CTFCONVERT_O)

971 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/pcan/%.c
972     $(COMPILE.c) -o $@ $<
973     $(CTFCONVERT_O)

975 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/pcn/%.c
976     $(COMPILE.c) -o $@ $<
977     $(CTFCONVERT_O)

979 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/pcwl/%.c
980     $(COMPILE.c) -o $@ $<
981     $(CTFCONVERT_O)

983 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ppp/sppp/%.c
984     $(COMPILE.c) -o $@ $<
985     $(CTFCONVERT_O)

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987 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ppp/sppasyn/%.c
988     $(COMPILE.c) -o $@ $<
989     $(CTFCONVERT_O)

991 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ppp/sppptun/%.c
992     $(COMPILE.c) -o $@ $<
993     $(CTFCONVERT_O)

995 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ral/%.c
996     $(COMPILE.c) -o $@ $<
997     $(CTFCONVERT_O)

999 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/rge/%.c
1000    $(COMPILE.c) -o $@ $<
1001    $(CTFCONVERT_O)

1003 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/rtls/%.c
1004    $(COMPILE.c) -o $@ $<
1005    $(CTFCONVERT_O)

1007 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/rsm/%.c
1008    $(COMPILE.c) -o $@ $<
1009    $(CTFCONVERT_O)

1011 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/rtw/%.c
1012    $(COMPILE.c) -o $@ $<
1013    $(CTFCONVERT_O)

1015 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/rum/%.c
1016    $(COMPILE.c) -o $@ $<
1017    $(CTFCONVERT_O)

1019 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/rwd/%.c
1020    $(COMPILE.c) -o $@ $<
1021    $(CTFCONVERT_O)

1023 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/rwn/%.c
1024    $(COMPILE.c) -o $@ $<
1025    $(CTFCONVERT_O)

1027 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/sata/adapters/ahci/%.c
1028    $(COMPILE.c) -o $@ $<
1029    $(CTFCONVERT_O)

1031 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/sata/adapters/nv_sata/%.c
1032    $(COMPILE.c) -o $@ $<
1033    $(CTFCONVERT_O)

1035 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/sata/adapters/si3124/%.c
1036    $(COMPILE.c) -o $@ $<
1037    $(CTFCONVERT_O)

1039 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/sata/impl/%.c
1040    $(COMPILE.c) -o $@ $<
1041    $(CTFCONVERT_O)

1043 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/scsi/conf/%.c
1044    $(COMPILE.c) -o $@ $<
1045    $(CTFCONVERT_O)

1047 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/scsi/impl/%.c
1048    $(COMPILE.c) -o $@ $<
1049    $(CTFCONVERT_O)

1051 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/scsi/targets/%.c

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1052 $(COMPILE.c) -o $@ $<
1053 $(CTFCONVERT_O)

1055 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/scsi/adapters/%.c
1056 $(COMPILE.c) -o $@ $<
1057 $(CTFCONVERT_O)

1059 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/scsi/adapters/blk2scsa/%.c
1060 $(COMPILE.c) -o $@ $<
1061 $(CTFCONVERT_O)

1063 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/scsi/adapters/scsi_vhci/%.c
1064 $(COMPILE.c) -o $@ $<
1065 $(CTFCONVERT_O)

1067 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/scsi/adapters/scsi_vhci/fop
1068 $(COMPILE.c) -o $@ $<
1069 $(CTFCONVERT_O)

1071 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/fibre-channel/ulp/%.c
1072 $(COMPILE.c) -o $@ $<
1073 $(CTFCONVERT_O)

1075 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/fibre-channel/impl/%.c
1076 $(COMPILE.c) -o $@ $<
1077 $(CTFCONVERT_O)

1079 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/fibre-channel/fca/qlc/%.c
1080 $(COMPILE.c) -o $@ $<
1081 $(CTFCONVERT_O)

1083 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/fibre-channel/fca/qlge/%.c
1084 $(COMPILE.c) -o $@ $<
1085 $(CTFCONVERT_O)

1087 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/fibre-channel/fca/emlxs/%.c
1088 $(COMPILE.c) -o $@ $<
1089 $(CTFCONVERT_O)

1091 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/fibre-channel/fca/oce/%.c
1092 $(COMPILE.c) -o $@ $<
1093 $(CTFCONVERT_O)

1095 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/fibre-channel/fca/fcoei/%.c
1096 $(COMPILE.c) -o $@ $<
1097 $(CTFCONVERT_O)

1099 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/sdcard/adapters/sdhost/%.c
1100 $(COMPILE.c) -o $@ $<
1101 $(CTFCONVERT_O)

1103 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/sdcard/impl/%.c
1104 $(COMPILE.c) -o $@ $<
1105 $(CTFCONVERT_O)

1107 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/sdcard/targets/sdcard/%.c
1108 $(COMPILE.c) -o $@ $<
1109 $(CTFCONVERT_O)

1111 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/sfe/%.c
1112 $(COMPILE.c) -o $@ $<
1113 $(CTFCONVERT_O)

1115 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/simnet/%.c
1116 $(COMPILE.c) -o $@ $<
1117 $(CTFCONVERT_O)

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1119 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/softmac/%.c
1120 $(COMPILE.c) -o $@ $<
1121 $(CTFCONVERT_O)

1123 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/uath/%.c
1124 $(COMPILE.c) -o $@ $<
1125 $(CTFCONVERT_O)

1127 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/uath/uath_fw/%.c
1128 $(COMPILE.c) -o $@ $<
1129 $(CTFCONVERT_O)

1131 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ural/%.c
1132 $(COMPILE.c) -o $@ $<
1133 $(CTFCONVERT_O)

1135 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/urtw/%.c
1136 $(COMPILE.c) -o $@ $<
1137 $(CTFCONVERT_O)

1139 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/audio/usb_ac/%.c
1140 $(COMPILE.c) -o $@ $<
1141 $(CTFCONVERT_O)

1143 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/audio/usb_as/%.c
1144 $(COMPILE.c) -o $@ $<
1145 $(CTFCONVERT_O)

1147 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/audio/usb_ah/%.c
1148 $(COMPILE.c) -o $@ $<
1149 $(CTFCONVERT_O)

1151 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/usbskel/%.c
1152 $(COMPILE.c) -o $@ $<
1153 $(CTFCONVERT_O)

1155 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/video/usbvc/%.c
1156 $(COMPILE.c) -o $@ $<
1157 $(CTFCONVERT_O)

1159 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/hwarc/%.c
1160 $(COMPILE.c) -o $@ $<
1161 $(CTFCONVERT_O)

1163 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/hid/%.c
1164 $(COMPILE.c) -o $@ $<
1165 $(CTFCONVERT_O)

1167 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/hidparser/%.c
1168 $(COMPILE.c) -o $@ $<
1169 $(CTFCONVERT_O)

1171 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/printer/%.c
1172 $(COMPILE.c) -o $@ $<
1173 $(CTFCONVERT_O)

1175 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/usbkbm/%.c
1176 $(COMPILE.c) -o $@ $<
1177 $(CTFCONVERT_O)

1179 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/usbms/%.c
1180 $(COMPILE.c) -o $@ $<
1181 $(CTFCONVERT_O)

1183 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/usbinp/usbwcm

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1184 $(COMPILE.c) -o $$@ $<
1185 $(CTFCONVERT_O)

1187 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/ugen/%.c
1188 $(COMPILE.c) -o $$@ $<
1189 $(CTFCONVERT_O)

1191 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/usbser/%.c
1192 $(COMPILE.c) -o $$@ $<
1193 $(CTFCONVERT_O)

1195 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/usbser/usbsacm/
1196 $(COMPILE.c) -o $$@ $<
1197 $(CTFCONVERT_O)

1199 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/usbser/usbftdi/
1200 $(COMPILE.c) -o $$@ $<
1201 $(CTFCONVERT_O)

1203 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/usbser/usbser_k
1204 $(COMPILE.c) -o $$@ $<
1205 $(CTFCONVERT_O)

1207 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/usbser/usbsprl/
1208 $(COMPILE.c) -o $$@ $<
1209 $(CTFCONVERT_O)

1211 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/wusb_df/%.c
1212 $(COMPILE.c) -o $$@ $<
1213 $(CTFCONVERT_O)

1215 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/hwal480_fw/%.c
1216 $(COMPILE.c) -o $$@ $<
1217 $(CTFCONVERT_O)

1219 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/wusb_ca/%.c
1220 $(COMPILE.c) -o $$@ $<
1221 $(CTFCONVERT_O)

1223 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/clients/usbecm/%.c
1224 $(COMPILE.c) -o $$@ $<
1225 $(CTFCONVERT_O)

1227 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/hcd/openhci/%.c
1228 $(COMPILE.c) -o $$@ $<
1229 $(CTFCONVERT_O)

1231 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/hcd/ehci/%.c
1232 $(COMPILE.c) -o $$@ $<
1233 $(CTFCONVERT_O)

1235 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/hcd/uhci/%.c
1236 $(COMPILE.c) -I../common -o $$@ $<
1237 $(CTFCONVERT_O)

1239 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/hubd/%.c
1240 $(COMPILE.c) -o $$@ $<
1241 $(CTFCONVERT_O)

1243 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/scsa2usb/%.c
1244 $(COMPILE.c) -o $$@ $<
1245 $(CTFCONVERT_O)

1247 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/usb_mid/%.c
1248 $(COMPILE.c) -o $$@ $<
1249 $(CTFCONVERT_O)

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1251 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/usb_ia/%.c
1252 $(COMPILE.c) -o $$@ $<
1253 $(CTFCONVERT_O)

1255 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/usba/%.c
1256 $(COMPILE.c) -o $$@ $<
1257 $(CTFCONVERT_O)

1259 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/usba10/%.c
1260 $(COMPILE.c) -o $$@ $<
1261 $(CTFCONVERT_O)

1263 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/usb/hwa/hwahc/%.c
1264 $(COMPILE.c) -o $$@ $<
1265 $(CTFCONVERT_O)

1267 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/uwb/uwba/%.c
1268 $(COMPILE.c) -o $$@ $<
1269 $(CTFCONVERT_O)

1271 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/vuidmice/%.c
1272 $(COMPILE.c) -o $$@ $<
1273 $(CTFCONVERT_O)

1275 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/vnic/%.c
1276 $(COMPILE.c) -o $$@ $<
1277 $(CTFCONVERT_O)

1279 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/wpi/%.c
1280 $(COMPILE.c) -o $$@ $<
1281 $(CTFCONVERT_O)

1283 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/zyd/%.c
1284 $(COMPILE.c) -o $$@ $<
1285 $(CTFCONVERT_O)

1287 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/chxge/com/%.c
1288 $(COMPILE.c) -o $$@ $<
1289 $(CTFCONVERT_O)

1291 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/chxge/%.c
1292 $(COMPILE.c) -o $$@ $<
1293 $(CTFCONVERT_O)

1295 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ixgb/%.c
1296 $(COMPILE.c) -o $$@ $<
1297 $(CTFCONVERT_O)

1299 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/xge/drv/%.c
1300 $(COMPILE.c) -o $$@ $<
1301 $(CTFCONVERT_O)

1303 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/xge/hal/xgehal/%.c
1304 $(COMPILE.c) -o $$@ $<
1305 $(CTFCONVERT_O)

1307 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/e1000g/%.c
1308 $(COMPILE.c) -o $$@ $<
1309 $(CTFCONVERT_O)

1311 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/igb/%.c
1312 $(COMPILE.c) -o $$@ $<
1313 $(CTFCONVERT_O)

1315 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/iprb/%.c

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1316 $(COMPILE.c) -o $@ $<
1317 $(CTFCONVERT_O)

1319 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ixgbe/%.c
1320 $(COMPILE.c) -o $@ $<
1321 $(CTFCONVERT_O)

1323 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/ntxn/%.c
1324 $(COMPILE.c) -o $@ $<
1325 $(CTFCONVERT_O)

1327 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/myril0ge/drv/%.c
1328 $(COMPILE.c) -o $@ $<
1329 $(CTFCONVERT_O)

1331 $(OBJSDIR)/%.o: $(UTSBASE)/common/ipp/%.c
1332 $(COMPILE.c) -o $@ $<
1333 $(CTFCONVERT_O)

1335 $(OBJSDIR)/%.o: $(UTSBASE)/common/ipp/ipgpc/%.c
1336 $(COMPILE.c) -o $@ $<
1337 $(CTFCONVERT_O)

1339 $(OBJSDIR)/%.o: $(UTSBASE)/common/ipp/dlcosmk/%.c
1340 $(COMPILE.c) -o $@ $<
1341 $(CTFCONVERT_O)

1343 $(OBJSDIR)/%.o: $(UTSBASE)/common/ipp/flowacct/%.c
1344 $(COMPILE.c) -o $@ $<
1345 $(CTFCONVERT_O)

1347 $(OBJSDIR)/%.o: $(UTSBASE)/common/ipp/dscpmk/%.c
1348 $(COMPILE.c) -o $@ $<
1349 $(CTFCONVERT_O)

1351 $(OBJSDIR)/%.o: $(UTSBASE)/common/ipp/meters/%.c
1352 $(COMPILE.c) -o $@ $<
1353 $(CTFCONVERT_O)

1355 $(OBJSDIR)/%.o: $(UTSBASE)/common/kiconv/kiconv_emea/%.c
1356 $(COMPILE.c) -o $@ $<
1357 $(CTFCONVERT_O)

1359 $(OBJSDIR)/%.o: $(UTSBASE)/common/kiconv/kiconv_ja/%.c
1360 $(COMPILE.c) -o $@ $<
1361 $(CTFCONVERT_O)

1363 $(OBJSDIR)/%.o: $(UTSBASE)/common/kiconv/kiconv_ko/%.c
1364 $(COMPILE.c) -o $@ $<
1365 $(CTFCONVERT_O)

1367 $(OBJSDIR)/%.o: $(UTSBASE)/common/kiconv/kiconv_sc/%.c
1368 $(COMPILE.c) -o $@ $<
1369 $(CTFCONVERT_O)

1371 $(OBJSDIR)/%.o: $(UTSBASE)/common/kiconv/kiconv_tc/%.c
1372 $(COMPILE.c) -o $@ $<
1373 $(CTFCONVERT_O)

1375 $(OBJSDIR)/%.o: $(UTSBASE)/common/kmdb/%.c
1376 $(COMPILE.c) -o $@ $<
1377 $(CTFCONVERT_O)

1379 $(OBJSDIR)/%.o: $(UTSBASE)/common/ktli/%.c
1380 $(COMPILE.c) -o $@ $<
1381 $(CTFCONVERT_O)

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1383 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/scsi/adapters/iscsi/%.c
1384 $(COMPILE.c) -o $@ $<
1385 $(CTFCONVERT_O)

1387 $(OBJSDIR)/%.o: $(COMMONBASE)/iscsi/%.c
1388 $(COMPILE.c) -o $@ $<
1389 $(CTFCONVERT_O)

1391 $(OBJSDIR)/%.o: $(UTSBASE)/common/inet/kifconf/%.c
1392 $(COMPILE.c) -o $@ $<
1393 $(CTFCONVERT_O)

1395 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/vr/%.c
1396 $(COMPILE.c) -o $@ $<
1397 $(CTFCONVERT_O)

1399 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/yge/%.c
1400 $(COMPILE.c) -o $@ $<
1401 $(CTFCONVERT_O)

1403 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/virtio/%.c
1404 $(COMPILE.c) -o $@ $<
1405 $(CTFCONVERT_O)

1407 $(OBJSDIR)/%.o: $(UTSBASE)/common/io/vioblk/%.c
1408 $(COMPILE.c) -o $@ $<
1409 $(CTFCONVERT_O)

1411 #
1412 # krtld must refer to its own bzero/bcopy until the kernel is fully linked
1413 #
1414 $(OBJSDIR)/bootrd.o := CPPFLAGS += -DKOBJ_OVERRIDES
1415 $(OBJSDIR)/doreloc.o := CPPFLAGS += -DKOBJ_OVERRIDES
1416 $(OBJSDIR)/kobj.o := CPPFLAGS += -DKOBJ_OVERRIDES
1417 $(OBJSDIR)/kobj_boot.o := CPPFLAGS += -DKOBJ_OVERRIDES
1418 $(OBJSDIR)/kobj_bootflags.o := CPPFLAGS += -DKOBJ_OVERRIDES
1419 $(OBJSDIR)/kobj_convrelstr.o := CPPFLAGS += -DKOBJ_OVERRIDES
1420 $(OBJSDIR)/kobj_isa.o := CPPFLAGS += -DKOBJ_OVERRIDES
1421 $(OBJSDIR)/kobj_kdi.o := CPPFLAGS += -DKOBJ_OVERRIDES
1422 $(OBJSDIR)/kobj_lm.o := CPPFLAGS += -DKOBJ_OVERRIDES
1423 $(OBJSDIR)/kobj_reloc.o := CPPFLAGS += -DKOBJ_OVERRIDES
1424 $(OBJSDIR)/kobj_stubs.o := CPPFLAGS += -DKOBJ_OVERRIDES
1425 $(OBJSDIR)/kobj_subr.o := CPPFLAGS += -DKOBJ_OVERRIDES

1427 $(OBJSDIR)/%.o: $(UTSBASE)/common/krtld/%.c
1428 $(COMPILE.c) -o $@ $<
1429 $(CTFCONVERT_O)

1431 $(OBJSDIR)/%.o: $(COMMONBASE)/list/%.c
1432 $(COMPILE.c) -o $@ $<
1433 $(CTFCONVERT_O)

1435 $(OBJSDIR)/%.o: $(COMMONBASE)/lvm/%.c
1436 $(COMPILE.c) -o $@ $<
1437 $(CTFCONVERT_O)

1439 $(OBJSDIR)/%.o: $(COMMONBASE)/lzma/%.c
1440 $(COMPILE.c) -o $@ $<
1441 $(CTFCONVERT_O)

1443 $(OBJSDIR)/%.o: $(COMMONBASE)/crypto/md4/%.c
1444 $(COMPILE.c) -o $@ $<
1445 $(CTFCONVERT_O)

1447 $(OBJSDIR)/%.o: $(COMMONBASE)/crypto/md5/%.c

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1580 $(LINTSDIR)/%.ln: $(COMMONBASE)/crypto/arcfour/%.c
1581     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1583 $(LINTSDIR)/%.ln: $(COMMONBASE)/crypto/blowfish/%.c
1584     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1586 $(LINTSDIR)/%.ln: $(COMMONBASE)/crypto/ecc/%.c
1587     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1589 $(LINTSDIR)/%.ln: $(COMMONBASE)/crypto/modes/%.c
1590     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1592 $(LINTSDIR)/%.ln: $(COMMONBASE)/crypto/padding/%.c
1593     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1595 $(LINTSDIR)/%.ln: $(COMMONBASE)/crypto/rng/%.c
1596     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1598 $(LINTSDIR)/%.ln: $(COMMONBASE)/crypto/rsa/%.c
1599     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1601 $(LINTSDIR)/%.ln: $(COMMONBASE)/bignum/%.c
1602     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1604 $(LINTSDIR)/%.ln: $(UTSBASE)/common/bignum/%.c
1605     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1607 $(LINTSDIR)/%.ln: $(COMMONBASE)/mpi/%.c
1608     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1610 $(LINTSDIR)/%.ln: $(COMMONBASE)/acl/%.c
1611     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1613 $(LINTSDIR)/%.ln: $(COMMONBASE)/avl/%.c
1614     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1616 $(LINTSDIR)/%.ln: $(COMMONBASE)/ucode/%.c
1617     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1619 $(LINTSDIR)/%.ln: $(UTSBASE)/common/brand/sn1/%.c
1620     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1622 $(LINTSDIR)/%.ln: $(UTSBASE)/common/brand/solaris10/%.c
1623     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1625 $(LINTSDIR)/%.ln: $(UTSBASE)/common/c2/%.c
1626     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1628 $(LINTSDIR)/%.ln: $(UTSBASE)/common/conf/%.c
1629     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1631 $(LINTSDIR)/%.ln: $(UTSBASE)/common/contract/%.c
1632     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1634 $(LINTSDIR)/%.ln: $(UTSBASE)/common/cpr/%.c
1635     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1637 $(LINTSDIR)/%.ln: $(UTSBASE)/common/ctf/%.c
1638     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1640 $(LINTSDIR)/%.ln: $(COMMONBASE)/ctf/%.c
1641     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1643 $(LINTSDIR)/%.ln: $(COMMONBASE)/pci/%.c
1644     @$(LHEAD) $(LINT.c) $< $(LTAIL))

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1646 $(LINTSDIR)/%.ln: $(COMMONBASE)/devid/%.c
1647     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1649 $(LINTSDIR)/%.ln: $(COMMONBASE)/crypto/des/%.c
1650     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1652 $(LINTSDIR)/%.ln: $(COMMONBASE)/smbios/%.c
1653     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1655 $(LINTSDIR)/%.ln: $(UTSBASE)/common/avs/ncall/%.c
1656     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1658 $(LINTSDIR)/%.ln: $(UTSBASE)/common/avs/ns/dsw/%.c
1659     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1661 $(LINTSDIR)/%.ln: $(UTSBASE)/common/avs/ns/nsctl/%.c
1662     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1664 $(LINTSDIR)/%.ln: $(UTSBASE)/common/avs/ns/rdc/%.c
1665     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1667 $(LINTSDIR)/%.ln: $(UTSBASE)/common/avs/ns/sdbc/%.c
1668     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1670 $(LINTSDIR)/%.ln: $(UTSBASE)/common/avs/ns/solaris/%.c
1671     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1673 $(LINTSDIR)/%.ln: $(UTSBASE)/common/avs/ns/sv/%.c
1674     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1676 $(LINTSDIR)/%.ln: $(UTSBASE)/common/avs/ns/unistat/%.c
1677     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1679 $(LINTSDIR)/%.ln: $(UTSBASE)/common/des/%.c
1680     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1682 $(LINTSDIR)/%.ln: $(UTSBASE)/common/crypto/api/%.c
1683     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1685 $(LINTSDIR)/%.ln: $(UTSBASE)/common/crypto/core/%.c
1686     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1688 $(LINTSDIR)/%.ln: $(UTSBASE)/common/crypto/io/%.c
1689     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1691 $(LINTSDIR)/%.ln: $(UTSBASE)/common/crypto/spi/%.c
1692     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1694 $(LINTSDIR)/%.ln: $(UTSBASE)/common/disp/%.c
1695     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1697 $(LINTSDIR)/%.ln: $(UTSBASE)/common/dtrace/%.c
1698     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1700 $(LINTSDIR)/%.ln: $(COMMONBASE)/exacct/%.c
1701     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1703 $(LINTSDIR)/%.ln: $(UTSBASE)/common/exec/aout/%.c
1704     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1706 $(LINTSDIR)/%.ln: $(UTSBASE)/common/exec/elf/%.c
1707     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1709 $(LINTSDIR)/%.ln: $(UTSBASE)/common/exec/intp/%.c
1710     @$(LHEAD) $(LINT.c) $< $(LTAIL))

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1712 $(LINTSDIR)/%.ln: $(UTSBASE)/common/exec/shbin/%.c
1713     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1715 $(LINTSDIR)/%.ln: $(UTSBASE)/common/exec/java/%.c
1716     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1718 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/%.c
1719     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1721 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/autofs/%.c
1722     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1724 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/cachefs/%.c
1725     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1727 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/ctfs/%.c
1728     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1730 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/doorfs/%.c
1731     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1733 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/dcfs/%.c
1734     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1736 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/devfs/%.c
1737     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1739 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/dev/%.c
1740     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1742 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/fd/%.c
1743     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1745 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/fifofs/%.c
1746     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1748 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/hsfs/%.c
1749     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1751 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/lofs/%.c
1752     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1754 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/mntfs/%.c
1755     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1757 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/namefs/%.c
1758     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1760 $(LINTSDIR)/%.ln: $(COMMONBASE)/smbsrv/%.c
1761     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1763 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/smbsrv/%.c
1764     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1766 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/nfs/%.c
1767     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1769 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/objfs/%.c
1770     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1772 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/pcfs/%.c
1773     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1775 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/portfs/%.c
1776     @$(LHEAD) $(LINT.c) $< $(LTAIL))

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1778 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/proc/%.c
1779     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1781 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/sharefs/%.c
1782     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1784 $(LINTSDIR)/%.ln: $(COMMONBASE)/smbclnt/%.c
1785     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1787 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/smbclnt/netsmb/%.c
1788     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1790 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/smbclnt/smbfs/%.c
1791     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1793 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/sockfs/%.c
1794     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1796 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/specfs/%.c
1797     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1799 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/swapfs/%.c
1800     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1802 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/tmpfs/%.c
1803     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1805 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/udfs/%.c
1806     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1808 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/ufs/%.c
1809     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1811 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/ufs_log/%.c
1812     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1814 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/vscan/%.c
1815     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1817 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/zfs/%.c
1818     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1820 $(LINTSDIR)/%.ln: $(UTSBASE)/common/fs/zut/%.c
1821     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1823 $(LINTSDIR)/%.ln: $(COMMONBASE)/xattr/%.c
1824     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1826 $(LINTSDIR)/%.ln: $(COMMONBASE)/zfs/%.c
1827     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1829 $(LINTSDIR)/%.ln: $(UTSBASE)/common/gssapi/%.c
1830     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

1832 $(LINTSDIR)/%.ln: $(UTSBASE)/common/gssapi/mechs/dummy/%.c
1833     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

1835 $(LINTSDIR)/%.ln: $(KMECHKRB5_BASE)/%.c
1836     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

1838 $(LINTSDIR)/%.ln: $(KMECHKRB5_BASE)/crypto/%.c
1839     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

1841 $(LINTSDIR)/%.ln: $(KMECHKRB5_BASE)/crypto/des/%.c
1842     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

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1844 $(LINTSDIR)/%.ln:          $(KMECHKRB5_BASE)/crypto/dk/%.c
1845     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

1847 $(LINTSDIR)/%.ln:          $(KMECHKRB5_BASE)/crypto/os/%.c
1848     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

1850 $(LINTSDIR)/%.ln:          $(KMECHKRB5_BASE)/crypto/arcfour/%.c
1851     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

1853 $(LINTSDIR)/%.ln:          $(KMECHKRB5_BASE)/crypto/enc_provider/%.c
1854     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

1856 $(LINTSDIR)/%.ln:          $(KMECHKRB5_BASE)/crypto/hash_provider/%.c
1857     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

1859 $(LINTSDIR)/%.ln:          $(KMECHKRB5_BASE)/crypto/keyhash_provider/%.c
1860     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

1862 $(LINTSDIR)/%.ln:          $(KMECHKRB5_BASE)/crypto/raw/%.c
1863     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

1865 $(LINTSDIR)/%.ln:          $(KMECHKRB5_BASE)/crypto/old/%.c
1866     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

1868 $(LINTSDIR)/%.ln:          $(KMECHKRB5_BASE)/krb5/krb/%.c
1869     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

1871 $(LINTSDIR)/%.ln:          $(KMECHKRB5_BASE)/krb5/os/%.c
1872     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

1874 $(LINTSDIR)/%.ln:          $(KMECHKRB5_BASE)/mech/%.c
1875     @$(LHEAD) $(LINT.c) $(KGSSDFLAGS) $< $(LTAIL))

1877 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/idmap/%.c
1878     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1880 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/inet/%.c
1881     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1883 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/inet/sockmods/%.c
1884     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1886 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/inet/arp/%.c
1887     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1889 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/inet/ip/%.c
1890     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1892 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/inet/ipnet/%.c
1893     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1895 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/inet/iptun/%.c
1896     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1898 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/inet/ipf/%.c
1899     @$(LHEAD) $(LINT.c) $(IPFFLAGS) $< $(LTAIL))

1901 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/inet/kssl/%.c
1902     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1904 $(LINTSDIR)/%.ln:          $(COMMONBASE)/net/patricia/%.c
1905     @$(LHEAD) $(LINT.c) $(IPFFLAGS) $< $(LTAIL))

1907 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/inet/udp/%.c
1908     @$(LHEAD) $(LINT.c) $< $(LTAIL))

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1910 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/inet/sctp/%.c
1911     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1913 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/inet/tcp/%.c
1914     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1916 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/inet/ilb/%.c
1917     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1919 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/inet/nca/%.c
1920     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1922 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/inet/dlpistub/%.c
1923     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1925 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/%.c
1926     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1928 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/1394/%.c
1929     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1931 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/1394/adapters/%.c
1932     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1934 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/1394/targets/av1394/%.c
1935     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1937 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/1394/targets/dcam1394/%.c
1938     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1940 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/1394/targets/scsa1394/%.c
1941     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1943 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/sbp2/%.c
1944     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1946 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/aac/%.c
1947     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1949 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/afe/%.c
1950     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1952 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/atge/%.c
1953     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1955 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/arn/%.c
1956     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1958 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/ath/%.c
1959     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1961 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/atu/%.c
1962     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1964 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/audio/impl/%.c
1965     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1967 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/audio/ac97/%.c
1968     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1970 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/audio/drv/audio1575/%.c
1971     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1973 $(LINTSDIR)/%.ln:          $(UTSBASE)/common/io/audio/drv/audio810/%.c
1974     @$(LHEAD) $(LINT.c) $< $(LTAIL))

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1976 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/audio/drv/audiocmi/%.c
1977     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1979 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/audio/drv/audiocmhd/%.c
1980     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1982 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/audio/drv/audioens/%.c
1983     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1985 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/audio/drv/audioemul0k/%.c
1986     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1988 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/audio/drv/audiohd/%.c
1989     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1991 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/audio/drv/audioixp/%.c
1992     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1994 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/audio/drv/audiols/%.c
1995     @$(LHEAD) $(LINT.c) $< $(LTAIL))

1997 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/audio/drv/audiopci/%.c
1998     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2000 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/audio/drv/audiopl6x/%.c
2001     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2003 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/audio/drv/audiosolo/%.c
2004     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2006 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/audio/drv/audiots/%.c
2007     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2009 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/audio/drv/audiovia823x/%.c
2010     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2012 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/audio/drv/audiovia97/%.c
2013     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2015 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/bfe/%.c
2016     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2018 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/bpf/%.c
2019     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2021 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/bge/%.c
2022     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2024 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/blkdev/%.c
2025     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2027 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/cardbus/%.c
2028     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2030 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/comstar/lu/stmf_sbd/%.c
2031     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2033 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/comstar/port/fct/%.c
2034     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2036 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/comstar/port/qlt/%.c
2037     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2039 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/comstar/port/srpt/%.c
2040     @$(LHEAD) $(LINT.c) $< $(LTAIL))

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2042 $(LINTSDIR)/%.ln: $(COMMONBASE)/iscsit/%.c
2043     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2045 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/comstar/port/fcoet/%.c
2046     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2048 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/comstar/port/iscsit/%.c
2049     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2051 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/comstar/port/pppt/%.c
2052     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2054 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/comstar/stmf/%.c
2055     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2057 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/dld/%.c
2058     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2060 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/dls/%.c
2061     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2063 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/dmfe/%.c
2064     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2066 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/drm/%.c
2067     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2069 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/efe/%.c
2070     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2072 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/elxl/%.c
2073     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2075 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/fcoe/%.c
2076     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2078 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/hme/%.c
2079     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2081 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/pciex/%.c
2082     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2084 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/hotplug/hpcsvc/%.c
2085     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2087 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/pciex/hotplug/%.c
2088     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2090 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/hotplug/pcihp/%.c
2091     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2093 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/clients/rds/%.c
2094     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2096 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/clients/rdsv3/%.c
2097     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2099 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/clients/iser/%.c
2100     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2102 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/clients/ibd/%.c
2103     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2105 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/clients/eoib/%.c
2106     @$(LHEAD) $(LINT.c) $< $(LTAIL))

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2108 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/clients/of/sol_ofs/%.c
2109     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2111 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/clients/of/sol_ucma/%.c
2112     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2114 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/clients/of/sol_umad/%.c
2115     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2117 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/clients/of/sol_uverbs/%.
2118     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2120 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/clients/sdp/%.c
2121     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2123 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/mgt/ibcm/%.c
2124     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2126 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/mgt/ibdm/%.c
2127     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2129 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/mgt/ibdma/%.c
2130     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2132 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/mgt/ibmf/%.c
2133     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2135 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/ibnex/%.c
2136     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2138 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/ibt1/%.c
2139     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2141 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/adapters/tavor/%.c
2142     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2144 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/adapters/hermon/%.c
2145     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2147 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ib/clients/daplt/%.c
2148     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2150 $(LINTSDIR)/%.ln: $(COMMONBASE)/iscsi/%.c
2151     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2153 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/idm/%.c
2154     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2156 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ipw/%.c
2157     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2159 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/iwh/%.c
2160     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2162 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/iwi/%.c
2163     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2165 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/iwk/%.c
2166     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2168 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/iwp/%.c
2169     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2171 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/kb8042/%.c
2172     @$(LHEAD) $(LINT.c) $< $(LTAIL))

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2174 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/kbtrans/%.c
2175     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2177 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ksocket/%.c
2178     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2180 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/aggr/%.c
2181     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2183 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/lp/%.c
2184     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2186 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/lvm/hotspares/%.c
2187     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2189 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/lvm/md/%.c
2190     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2192 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/lvm/mirror/%.c
2193     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2195 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/lvm/raid/%.c
2196     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2198 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/lvm/softpart/%.c
2199     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2201 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/lvm/stripes/%.c
2202     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2204 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/lvm/notify/%.c
2205     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2207 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/lvm/trans/%.c
2208     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2210 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/mac/%.c
2211     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2213 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/mac/plugins/%.c
2214     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2216 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/mega_sas/%.c
2217     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2219 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/mii/%.c
2220     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2222 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/mr_sas/%.c
2223     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2225 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/scsi/adapters/mpt_sas/%.c
2226     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2228 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/nxufe/%.c
2229     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2231 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/mwl/%.c
2232     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2234 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/mwl/mwl_fw/%.c
2235     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2237 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/net80211/%.c
2238     @$(LHEAD) $(LINT.c) $< $(LTAIL))

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2240 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/nge/%.c
2241     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2243 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/nxge/%.c
2244     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2246 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/nxge/%.s
2247     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2249 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/nxge/npi/%.c
2250     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2252 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/pci-ide/%.c
2253     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2255 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/pcmcia/%.c
2256     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2258 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/pcan/%.c
2259     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2261 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/pcn/%.c
2262     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2264 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/pcwl/%.c
2265     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2267 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ppp/sppp/%.c
2268     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2270 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ppp/spppasyn/%.c
2271     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2273 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ppp/sppptun/%.c
2274     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2276 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ral/%.c
2277     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2279 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/rge/%.c
2280     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2282 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/rtls/%.c
2283     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2285 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/rsm/%.c
2286     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2288 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/rtw/%.c
2289     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2291 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/rum/%.c
2292     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2294 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/rwd/%.c
2295     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2297 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/rwn/%.c
2298     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2300 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/sata/adapters/ahci/%.c
2301     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2303 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/sata/adapters/nv_sata/%.c
2304     @$(LHEAD) $(LINT.c) $< $(LTAIL))

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2306 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/sata/adapters/si3124/%.c
2307     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2309 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/sata/impl/%.c
2310     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2312 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/scsi/adapters/%.c
2313     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2315 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/scsi/adapters/blk2scsa/%.c
2316     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2318 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/scsi/adapters/pmcs/%.c
2319     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2321 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/scsi/adapters/scsi_vhci/%.c
2322     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2324 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/scsi/adapters/scsi_vhci/fop
2325     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2327 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/fibre-channel/ulp/%.c
2328     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2330 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/fibre-channel/impl/%.c
2331     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2333 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/fibre-channel/fca/qlc/%.c
2334     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2336 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/fibre-channel/fca/qlge/%.c
2337     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2339 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/fibre-channel/fca/emlxs/%.c
2340     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2342 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/fibre-channel/fca/oce/%.c
2343     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2345 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/fibre-channel/fca/fcoei/%.c
2346     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2348 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/scsi/conf/%.c
2349     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2351 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/scsi/impl/%.c
2352     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2354 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/scsi/targets/%.c
2355     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2357 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/sdcard/adapters/sdhost/%.c
2358     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2360 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/sdcard/impl/%.c
2361     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2363 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/sdcard/targets/sdcard/%.c
2364     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2366 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/sfe/%.c
2367     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2369 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/simnet/%.c
2370     @$(LHEAD) $(LINT.c) $< $(LTAIL))

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2372 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/softmac/%.c
2373     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2375 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/uath/%.c
2376     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2378 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/uath/uath_fw/%.c
2379     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2381 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ural/%.c
2382     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2384 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/urtw/%.c
2385     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2387 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/audio/usb_ac/%.
2388     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2390 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/audio/usb_as/%.
2391     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2393 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/audio/usb_ah/%.
2394     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2396 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/usbskel/%.c
2397     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2399 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/video/usbvc/%.c
2400     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2402 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/hwarc/%.c
2403     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2405 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/hid/%.c
2406     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2408 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/hidparser/%.c
2409     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2411 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/usbkbm/%.c
2412     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2414 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/usbms/%.c
2415     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2417 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/usbinput/usbwcm
2418     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2420 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/ugen/%.c
2421     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2423 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/printer/%.c
2424     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2426 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/usbser/%.c
2427     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2429 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/usbser/usbsacm/
2430     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2432 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/usbser/usbftdi/
2433     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2435 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/usbser/usbser_k
2436     @$(LHEAD) $(LINT.c) $< $(LTAIL))

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2438 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/usbser/usbsprl/
2439     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2441 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/wusb_df/%.c
2442     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2444 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/hwal480_fw/%.c
2445     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2447 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/wusb_ca/%.c
2448     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2450 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/clients/usbecm/%.c
2451     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2453 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/hcd/openhci/%.c
2454     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2456 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/hcd/ehci/%.c
2457     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2459 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/hcd/uhci/%.c
2460     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2462 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/hubd/%.c
2463     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2465 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/scsa2usb/%.c
2466     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2468 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/usb_mid/%.c
2469     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2471 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/usb_ia/%.c
2472     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2474 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/usba/%.c
2475     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2477 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/usba10/%.c
2478     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2480 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/uwb/uwba/%.c
2481     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2483 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/usb/hwa/hwahc/%.c
2484     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2486 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/vuidmice/%.c
2487     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2489 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/vnic/%.c
2490     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2492 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/wpi/%.c
2493     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2495 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/zyd/%.c
2496     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2498 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/chxge/com/%.c
2499     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2501 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/chxge/%.c
2502     @$(LHEAD) $(LINT.c) $< $(LTAIL))

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2504 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ixgb/%.c
2505     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2507 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/xge/drv/%.c
2508     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2510 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/xge/hal/xgehal/%.c
2511     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2513 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/e1000g/%.c
2514     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2516 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/igb/%.c
2517     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2519 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/iprb/%.c
2520     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2522 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ixgbe/%.c
2523     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2525 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/ntxn/%.c
2526     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2528 $(LINTSDIR)/%.ln: $(UTSBASE)/common/io/myril0ge/drv/%.c
2529     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2531 $(LINTSDIR)/%.ln: $(UTSBASE)/common/ipp/%.c
2532     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2534 $(LINTSDIR)/%.ln: $(UTSBASE)/common/ipp/ipgpc/%.c
2535     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2537 $(LINTSDIR)/%.ln: $(UTSBASE)/common/ipp/dlcosmk/%.c
2538     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2540 $(LINTSDIR)/%.ln: $(UTSBASE)/common/ipp/flowacct/%.c
2541     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2543 $(LINTSDIR)/%.ln: $(UTSBASE)/common/ipp/dscpmk/%.c
2544     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2546 $(LINTSDIR)/%.ln: $(UTSBASE)/common/ipp/meters/%.c
2547     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2549 $(LINTSDIR)/%.ln: $(UTSBASE)/common/kiconv/kiconv_emea/%.c
2550     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2552 $(LINTSDIR)/%.ln: $(UTSBASE)/common/kiconv/kiconv_ja/%.c
2553     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2555 $(LINTSDIR)/%.ln: $(UTSBASE)/common/kiconv/kiconv_ko/%.c
2556     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2558 $(LINTSDIR)/%.ln: $(UTSBASE)/common/kiconv/kiconv_sc/%.c
2559     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2561 $(LINTSDIR)/%.ln: $(UTSBASE)/common/kiconv/kiconv_tc/%.c
2562     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2564 $(LINTSDIR)/%.ln: $(UTSBASE)/common/kmdb/%.c
2565     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2567 $(LINTSDIR)/%.ln: $(UTSBASE)/common/krtld/%.c
2568     @$(LHEAD) $(LINT.c) $< $(LTAIL))

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2570 $(LINTSDIR)/%.ln: $(UTSBASE)/common/ktli/%.c
2571     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2573 $(LINTSDIR)/%.ln: $(COMMONBASE)/list/%.c
2574     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2576 $(LINTSDIR)/%.ln: $(COMMONBASE)/lvm/%.c
2577     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2579 $(LINTSDIR)/%.ln: $(COMMONBASE)/lzma/%.c
2580     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2582 $(LINTSDIR)/%.ln: $(COMMONBASE)/crypto/md4/%.c
2583     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2585 $(LINTSDIR)/%.ln: $(COMMONBASE)/crypto/md5/%.c
2586     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2588 $(LINTSDIR)/%.ln: $(COMMONBASE)/net/dhcp/%.c
2589     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2591 $(LINTSDIR)/%.ln: $(COMMONBASE)/nvpair/%.c
2592     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2594 $(LINTSDIR)/%.ln: $(UTSBASE)/common/os/%.c
2595     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2597 $(LINTSDIR)/%.ln: $(UTSBASE)/common/rpc/%.c
2598     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2600 $(LINTSDIR)/%.ln: $(UTSBASE)/common/pcmcia/cs/%.c
2601     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2603 $(LINTSDIR)/%.ln: $(UTSBASE)/common/pcmcia/cis/%.c
2604     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2606 $(LINTSDIR)/%.ln: $(UTSBASE)/common/pcmcia/nexus/%.c
2607     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2609 $(LINTSDIR)/%.ln: $(UTSBASE)/common/pcmcia/pcs/%.c
2610     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2612 $(LINTSDIR)/%.ln: $(UTSBASE)/common/rpc/%.c
2613     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2615 $(LINTSDIR)/%.ln: $(UTSBASE)/common/rpc/sec/%.c
2616     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2618 $(LINTSDIR)/%.ln: $(UTSBASE)/common/rpc/sec_gss/%.c
2619     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2621 $(LINTSDIR)/%.ln: $(COMMONBASE)/crypto/edonr/%.c
2622     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2624 $(LINTSDIR)/%.ln: $(COMMONBASE)/crypto/shal/%.c
2625     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2627 $(LINTSDIR)/%.ln: $(COMMONBASE)/crypto/sha2/%.c
2628     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2630 $(LINTSDIR)/%.ln: $(UTSBASE)/common/syscall/%.c
2631     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2633 $(LINTSDIR)/%.ln: $(UTSBASE)/common/tnf/%.c
2634     @$(LHEAD) $(LINT.c) $< $(LTAIL))

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2636 $(LINTSDIR)/%.ln:      $(COMMONBASE)/tsol/%.c
2637     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2639 $(LINTSDIR)/%.ln:      $(COMMONBASE)/util/%.c
2640     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2642 $(LINTSDIR)/%.ln:      $(COMMONBASE)/unicode/%.c
2643     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2645 $(LINTSDIR)/%.ln:      $(UTSBASE)/common/vm/%.c
2646     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2648 $(LINTSDIR)/%.ln:      $(UTSBASE)/common/io/scsi/adapters/iscsi/%.c
2649     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2651 $(LINTSDIR)/%.ln:      $(COMMONBASE)/iscsi/%.c
2652     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2654 $(LINTSDIR)/%.ln:      $(UTSBASE)/common/inet/kifconf/%.c
2655     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2657 $(LINTSDIR)/%.ln:      $(UTSBASE)/common/io/virtio/%.c
2658     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2660 $(LINTSDIR)/%.ln:      $(UTSBASE)/common/io/vioblk/%.c
2661     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2663 ZMODLINTFLAGS = -erroff=E_CONSTANT_CONDITION

2665 $(LINTSDIR)/%.ln:      $(UTSBASE)/common/zmod/%.c
2666     @$(LHEAD) $(LINT.c) $(ZMODLINTFLAGS) $< $(LTAIL))

2668 $(LINTSDIR)/zlib_obj.ln: $(ZLIB_OBJS:%.o=$(LINTSDIR)/%.ln) \
2669     $(UTSBASE)/common/zmod/zlib_lint.c
2670     @$(LHEAD) $(LINT.c) -C $(LINTSDIR)/zlib_obj \
2671     $(UTSBASE)/common/zmod/zlib_lint.c $(LTAIL))

2673 $(LINTSDIR)/%.ln:      $(UTSBASE)/common/io/hxge/%.c
2674     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2676 $(LINTSDIR)/%.ln:      $(UTSBASE)/common/io/tpm/%.c
2677     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2679 $(LINTSDIR)/%.ln:      $(UTSBASE)/common/io/tpm/%.s
2680     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2682 $(LINTSDIR)/%.ln:      $(UTSBASE)/common/io/vr/%.c
2683     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2685 $(LINTSDIR)/%.ln:      $(UTSBASE)/common/io/yge/%.c
2686     @$(LHEAD) $(LINT.c) $< $(LTAIL))

2688 $(LINTSDIR)/%.ln:      $(COMMONBASE)/fsreparse/%.c
2689     @$(LHEAD) $(LINT.c) $< $(LTAIL))
```

new/usr/src/uts/common/fs/zfs/sys/zio.h

1

\*\*\*\*\*

17994 Tue Feb 19 01:00:53 2013

new/usr/src/uts/common/fs/zfs/sys/zio.h

Integrated Edon-R hash function.

\*\*\*\*\*

\_\_\_\_\_ unchanged\_portion\_omitted

```
71 enum zio_checksum {
72     ZIO_CHECKSUM_INHERIT = 0,
73     ZIO_CHECKSUM_ON,
74     ZIO_CHECKSUM_OFF,
75     ZIO_CHECKSUM_LABEL,
76     ZIO_CHECKSUM_GANG_HEADER,
77     ZIO_CHECKSUM_ZILOG,
78     ZIO_CHECKSUM_FLETCHER_2,
79     ZIO_CHECKSUM_FLETCHER_4,
80     ZIO_CHECKSUM_SHA256,
81     ZIO_CHECKSUM_ZILOG2,
82     ZIO_CHECKSUM_EDONR512_256,
83     ZIO_CHECKSUM_FUNCTIONS
84 };
```

\_\_\_\_\_ unchanged\_portion\_omitted



new/usr/src/uts/common/fs/zfs/sys/zio\_checksum.h

1

```
*****
2313 Tue Feb 19 01:00:53 2013
new/usr/src/uts/common/fs/zfs/sys/zio_checksum.h
Integrated Edon-R hash function.
*****
_____unchanged_portion_omitted_____

59 extern zio_checksum_info_t zio_checksum_table[ZIO_CHECKSUM_FUNCTIONS];

61 /*
62  * Checksum routines.
63  */
64 extern zio_checksum_t zio_checksum_SHA256;
65 extern zio_checksum_t zio_checksum_EdonR512_256;
66 extern zio_checksum_t zio_checksum_EdonR512_256_byteswap;

68 extern void zio_checksum_compute(zio_t *zio, enum zio_checksum checksum,
69     void *data, uint64_t size);
70 extern int zio_checksum_error(zio_t *zio, zio_bad_cksum_t *out);
71 extern enum zio_checksum spa_dedup_checksum(spa_t *spa);

73 #ifdef __cplusplus
74 }
_____unchanged_portion_omitted_____
```

new/usr/src/uts/common/fs/zfs/zfs\_edonr.c

1

```
*****
1798 Tue Feb 19 01:00:53 2013
new/usr/src/uts/common/fs/zfs/zfs_edonr.c
Integrated Edon-R hash function.
*****
```

```
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 2013 Saso Kiselkov. All rights reserved.
23 * Use is subject to license terms.
24 */
25 #include <sys/zfs_context.h>
26 #include <sys/zio.h>
27 #include <sys/edonr.h>
28
29 /*
30 * zio_checksum interface for the Edon-R hash function
31 */
32 void
33 zio_checksum_EdonR512_256(const void *buf, uint64_t size, zio_cksum_t *zcp)
34 {
35     uint8_t hash[EdonR512_DIGEST_SIZE];
36
37     EdonRHash(512, buf, size * 8, hash);
38     bcopy(&hash[000], &zcp->zc_word[0], sizeof (zcp->zc_word[0]));
39     bcopy(&hash[010], &zcp->zc_word[1], sizeof (zcp->zc_word[0]));
40     bcopy(&hash[020], &zcp->zc_word[2], sizeof (zcp->zc_word[0]));
41     bcopy(&hash[030], &zcp->zc_word[3], sizeof (zcp->zc_word[0]));
42 }
43
44 void
45 zio_checksum_EdonR512_256_byteswap(const void *buf, uint64_t size,
46     zio_cksum_t *zcp)
47 {
48     zio_checksum_EdonR512_256(buf, size, zcp);
49     zcp->zc_word[0] = BSWAP_64(zcp->zc_word[0]);
50     zcp->zc_word[1] = BSWAP_64(zcp->zc_word[1]);
51     zcp->zc_word[2] = BSWAP_64(zcp->zc_word[2]);
52     zcp->zc_word[3] = BSWAP_64(zcp->zc_word[3]);
53 }
```

```

*****
146496 Tue Feb 19 01:00:53 2013
new/usr/src/uts/common/fs/zfs/zfs_ioctl.c
Integrated Edon-R hash function.
*****
_____unchanged_portion_omitted_____

2322 /*
2323  * If the named property is one that has a special function to set its value,
2324  * return 0 on success and a positive error code on failure; otherwise if it is
2325  * not one of the special properties handled by this function, return -1.
2326  *
2327  * XXX: It would be better for callers of the property interface if we handled
2328  * these special cases in dsl_prop.c (in the dsl layer).
2329  */
2330 static int
2331 zfs_prop_set_special(const char *dsname, zprop_source_t source,
2332                     nvpair_t *pair)
2333 {
2334     const char *propname = nvpair_name(pair);
2335     zfs_prop_t prop = zfs_name_to_prop(propname);
2336     uint64_t intval;
2337     int err;

2339     if (prop == ZPROP_INVALID) {
2340         if (zfs_prop_userquota(propname))
2341             return (zfs_prop_set_userquota(dsname, pair));
2342         return (-1);
2343     }

2345     if (nvpair_type(pair) == DATA_TYPE_NVLIST) {
2346         nvlist_t *attrs;
2347         VERIFY(nvpair_value_nvlist(pair, &attrs) == 0);
2348         VERIFY(nvlist_lookup_nvpair(attrs, ZPROP_VALUE,
2349                                   &pair) == 0);
2350     }

2352     if (zfs_prop_get_type(prop) == PROP_TYPE_STRING)
2353         return (-1);

2355     VERIFY(0 == nvpair_value_uint64(pair, &intval));

2357     switch (prop) {
2358     case ZFS_PROP_QUOTA:
2359         err = dsl_dir_set_quota(dsname, source, intval);
2360         break;
2361     case ZFS_PROP_REFQUOTA:
2362         err = dsl_dataset_set_quota(dsname, source, intval);
2363         break;
2364     case ZFS_PROP_RESERVATION:
2365         err = dsl_dir_set_reservation(dsname, source, intval);
2366         break;
2367     case ZFS_PROP_REFRESERVATION:
2368         err = dsl_dataset_set_reservation(dsname, source, intval);
2369         break;
2370     case ZFS_PROP_VOLSIZE:
2371         err = zvol_set_volsize(dsname, ddi_driver_major(zfs_dip),
2372                                intval);
2373         break;
2374     case ZFS_PROP_VERSION:
2375     {
2376         zfsvfs_t *zfsvfs;

2378         if ((err = zfsvfs_hold(dsname, FTAG, &zfsvfs, B_TRUE)) != 0)
2379             break;

```

```

2381         err = zfs_set_version(zfsvfs, intval);
2382         zfsvfs_rele(zfsvfs, FTAG);

2384         if (err == 0 && intval >= ZPL_VERSION_USERSPACE) {
2385             zfs_cmd_t *zc;

2387             zc = kmem_zalloc(sizeof (zfs_cmd_t), KM_SLEEP);
2388             (void) strcpy(zc->zc_name, dsname);
2389             (void) zfs_ioc_userspace_upgrade(zc);
2390             kmem_free(zc, sizeof (zfs_cmd_t));
2391         }
2392         break;
2393     }
2394     case ZFS_PROP_CHECKSUM:
2395     {
2396         if (intval == ZIO_CHECKSUM_EDONR512_256) {
2397             zfeature_info_t *feature =
2398                 &spa_feature_table[SPA_FEATURE_EDONR_CKSUM];
2399             spa_t *spa;
2400             dsl_pool_t *dp;

2402             if ((err = spa_open(dsname, &spa, FTAG)) != 0)
2403                 return (err);

2405             dp = spa->spa_dsl_pool;

2407             /*
2408              * Setting the Edon-R checksum algorithm activates
2409              * the feature.
2410              */
2411             if (!spa_feature_is_active(spa, feature)) {
2412                 if ((err = zfs_prop_activate_feature(dp,
2413                                                       feature)) != 0) {
2414                     spa_close(spa, FTAG);
2415                     return (err);
2416                 }
2417             }

2419             spa_close(spa, FTAG);
2420         }
2421         /*
2422          * We still want the default set action to be performed in the
2423          * caller, we only performed zfeature settings here.
2424          */
2425         err = -1;
2426         break;
2427     }
2428     case ZFS_PROP_COMPRESSION:
2429     {
2430         if (intval == ZIO_COMPRESS_LZ4) {
2431             zfeature_info_t *feature =
2432                 &spa_feature_table[SPA_FEATURE_LZ4_COMPRESS];
2433             spa_t *spa;
2434             dsl_pool_t *dp;

2436             if ((err = spa_open(dsname, &spa, FTAG)) != 0)
2437                 return (err);

2439             dp = spa->spa_dsl_pool;

2441             /*
2442              * Setting the LZ4 compression algorithm activates
2443              * the feature.
2444              */
2445             if (!spa_feature_is_active(spa, feature)) {
2446                 if ((err = zfs_prop_activate_feature(dp,

```

```

2447         feature)) != 0) {
2448             spa_close(spa, FTAG);
2449             return (err);
2450         }
2451     }
2452
2453     spa_close(spa, FTAG);
2454 }
2455 /*
2456  * We still want the default set action to be performed in the
2457  * caller, we only performed zfeature settings here.
2458  */
2459     err = -1;
2460     break;
2461 }
2462
2463     default:
2464         err = -1;
2465     }
2466
2467     return (err);
2468 }
2469
2470 unchanged_portion_omitted
2471
2472 static int
2473 zfs_check_settable(const char *dsname, nvpair_t *pair, cred_t *cr)
2474 {
2475     const char *propname = nvpair_name(pair);
2476     boolean_t issnap = (strchr(dsname, '@') != NULL);
2477     zfs_prop_t prop = zfs_name_to_prop(propname);
2478     uint64_t intval;
2479     int err;
2480
2481     if (prop == ZPROP_INVALID) {
2482         if (zfs_prop_user(propname)) {
2483             if (err = zfs_secpolicy_write_perms(dsname,
2484                 ZFS_DELEG_PERM_USERPROP, cr))
2485                 return (err);
2486             return (0);
2487         }
2488     }
2489
2490     if (!issnap && zfs_prop_userquota(propname)) {
2491         const char *perm = NULL;
2492         const char *uq_prefix =
2493             zfs_userquota_prop_prefixes[ZFS_PROP_USERQUOTA];
2494         const char *gq_prefix =
2495             zfs_userquota_prop_prefixes[ZFS_PROP_GROUPQUOTA];
2496
2497         if (strncmp(propname, uq_prefix,
2498             strlen(uq_prefix)) == 0) {
2499             perm = ZFS_DELEG_PERM_USERQUOTA;
2500         } else if (strncmp(propname, gq_prefix,
2501             strlen(gq_prefix)) == 0) {
2502             perm = ZFS_DELEG_PERM_GROUPQUOTA;
2503         } else {
2504             /* USERUSED and GROUPUSED are read-only */
2505             return (EINVAL);
2506         }
2507     }
2508
2509     if (err = zfs_secpolicy_write_perms(dsname, perm, cr))
2510         return (err);
2511     return (0);
2512 }
2513
2514     return (EINVAL);
2515 }

```

```

3668     if (issnap)
3669         return (EINVAL);
3670
3671     if (nvpair_type(pair) == DATA_TYPE_NVLIST) {
3672         /*
3673          * dsl_prop_get_all_impl() returns properties in this
3674          * format.
3675          */
3676         nvlist_t *attrs;
3677         VERIFY(nvpair_value_nvlist(pair, &attrs) == 0);
3678         VERIFY(nvlist_lookup_nvpair(attrs, ZPROP_VALUE,
3679             &pair) == 0);
3680     }
3681
3682     /*
3683      * Check that this value is valid for this pool version
3684      */
3685     switch (prop) {
3686     case ZFS_PROP_CHECKSUM:
3687         if (nvpair_type(pair) == DATA_TYPE_UINT64 &&
3688             nvpair_value_uint64(pair, &intval) == 0) {
3689             if (intval == ZIO_CHECKSUM_EDONR512_256) {
3690                 zfeature_info_t *feature =
3691                     &spa_feature_table[SPA_FEATURE_EDONR_CKSUM];
3692                 spa_t *spa;
3693
3694                 if ((err = spa_open(dsname, &spa, FTAG)) != 0)
3695                     return (err);
3696
3697                 if (!spa_feature_is_enabled(spa, feature)) {
3698                     spa_close(spa, FTAG);
3699                     return (ENOTSUP);
3700                 }
3701                 spa_close(spa, FTAG);
3702             }
3703         }
3704         break;
3705     case ZFS_PROP_COMPRESSION:
3706         /*
3707          * If the user specified gzip compression, make sure
3708          * the SPA supports it. We ignore any errors here since
3709          * we'll catch them later.
3710          */
3711         if (nvpair_type(pair) == DATA_TYPE_UINT64 &&
3712             nvpair_value_uint64(pair, &intval) == 0) {
3713             if (intval >= ZIO_COMPRESS_GZIP_1 &&
3714                 intval <= ZIO_COMPRESS_GZIP_9 &&
3715                 zfs_earlier_version(dsname,
3716                     SPA_VERSION_GZIP_COMPRESSION)) {
3717                 return (ENOTSUP);
3718             }
3719
3720             if (intval == ZIO_COMPRESS_ZLE &&
3721                 zfs_earlier_version(dsname,
3722                     SPA_VERSION_ZLE_COMPRESSION))
3723                 return (ENOTSUP);
3724
3725             if (intval == ZIO_COMPRESS_LZ4) {
3726                 zfeature_info_t *feature =
3727                     &spa_feature_table[
3728                         SPA_FEATURE_LZ4_COMPRESS];
3729                 spa_t *spa;
3730
3731                 if ((err = spa_open(dsname, &spa, FTAG)) != 0)
3732                     return (err);

```

```
3734         if (!spa_feature_is_enabled(spa, feature)) {
3735             spa_close(spa, FTAG);
3736             return (ENOTSUP);
3737         }
3738         spa_close(spa, FTAG);
3739     }
3740
3741     /*
3742     * If this is a bootable dataset then
3743     * verify that the compression algorithm
3744     * is supported for booting. We must return
3745     * something other than ENOTSUP since it
3746     * implies a downrev pool version.
3747     */
3748     if (zfs_is_bootfs(dsname) &&
3749         !BOOTFS_COMPRESS_VALID(intval)) {
3750         return (ERANGE);
3751     }
3752 }
3753 break;
3754
3755 case ZFS_PROP_COPIES:
3756     if (zfs_earlier_version(dsname, SPA_VERSION_DITTO_BLOCKS))
3757         return (ENOTSUP);
3758     break;
3759
3760 case ZFS_PROP_DEDUP:
3761     if (zfs_earlier_version(dsname, SPA_VERSION_DEDUP))
3762         return (ENOTSUP);
3763     break;
3764
3765 case ZFS_PROP_SHARESMB:
3766     if (zpl_earlier_version(dsname, ZPL_VERSION_FUID))
3767         return (ENOTSUP);
3768     break;
3769
3770 case ZFS_PROP_ACLINHERIT:
3771     if (nvpair_type(pair) == DATA_TYPE_UINT64 &&
3772         nvpair_value_uint64(pair, &intval) == 0) {
3773         if (intval == ZFS_ACL_PASSTHROUGH_X &&
3774             zfs_earlier_version(dsname,
3775                 SPA_VERSION_PASSTHROUGH_X))
3776             return (ENOTSUP);
3777     }
3778     break;
3779 }
3780
3781 return (zfs_secpolicy_setprop(dsname, prop, pair, CRED()));
3782 }
```

unchanged portion omitted

new/usr/src/uts/common/fs/zfs/zio\_checksum.c

1

\*\*\*\*\*

8458 Tue Feb 19 01:00:54 2013

new/usr/src/uts/common/fs/zfs/zio\_checksum.c

Integrated Edon-R hash function.

\*\*\*\*\*

unchanged portion omitted

```
69 zio_checksum_info_t zio_checksum_table[ZIO_CHECKSUM_FUNCTIONS] = {
70     {NULL, NULL, 0, 0, 0, "inherit"},
71     {NULL, NULL, 0, 0, 0, "on"},
72     {zio_checksum_off, zio_checksum_off}, 0, 0, 0, "off"},
73     {zio_checksum_SHA256, zio_checksum_SHA256}, 1, 1, 0, "label"},
74     {zio_checksum_SHA256, zio_checksum_SHA256}, 1, 1, 0, "gang_header"},
75     {fletcher_2_native, fletcher_2_byteswap}, 0, 1, 0, "zilog"},
76     {fletcher_2_native, fletcher_2_byteswap}, 0, 0, 0, "fletcher2"},
77     {fletcher_4_native, fletcher_4_byteswap}, 1, 0, 0, "fletcher4"},
78     {zio_checksum_SHA256, zio_checksum_SHA256}, 1, 0, 1, "sha256"},
79     {fletcher_4_native, fletcher_4_byteswap}, 0, 1, 0, "zilog2"},
80     {{zio_checksum_EdonR512_256, zio_checksum_EdonR512_256_byteswap},
81      1, 0, 1, "edonr512/256"},
82 };
```

unchanged portion omitted

new/usr/src/uts/common/sys/edonr.h

1

```
*****
2530 Tue Feb 19 01:00:54 2013
new/usr/src/uts/common/sys/edonr.h
Integrated Edon-R hash function.
*****
1 /*
2  * IDI,NTNU
3  *
4  * CDDL HEADER START
5  *
6  * The contents of this file are subject to the terms of the
7  * Common Development and Distribution License (the "License").
8  * You may not use this file except in compliance with the License.
9  *
10 * You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
11 * or http://opensource.org/licenses/CDDL-1.0.
12 * See the License for the specific language governing permissions
13 * and limitations under the License.
14 *
15 * When distributing Covered Code, include this CDDL HEADER in each
16 * file and include the License file at usr/src/OPENSOLARIS.LICENSE.
17 * If applicable, add the following below this CDDL HEADER, with the
18 * fields enclosed by brackets "[]" replaced with your own identifying
19 * information: Portions Copyright [yyyy] [name of copyright owner]
20 *
21 * CDDL HEADER END
22 *
23 * Copyright (C) 2009, 2010, Jorn Amundsen <jorn.amundsen@ntnu.no>
24 *
25 * Tweaked Edon-R implementation for SUPERCOP, based on NIST API.
26 *
27 * $Id: edonr.h 517 2013-02-17 20:34:39Z joern $
28 */
29 /*
30 * Portions copyright (c) 2013, Saso Kiselkov, All rights reserved
31 */

33 #ifndef __EDONR_H__
34 #define __EDONR_H__

36 #include <sys/types.h>

38 /*
39 * EdonR allows to call EdonRUpdate() consecutively only if the total length
40 * of stored unprocessed data and the new supplied data is less than or equal
41 * to the BLOCK_SIZE on which the compression functions operates.
42 * Otherwise an assertion failure is invoked.
43 */

45 /* Specific algorithm definitions */
46 #define EdonR224_DIGEST_SIZE 28
47 #define EdonR224_BLOCK_SIZE 64
48 #define EdonR256_DIGEST_SIZE 32
49 #define EdonR256_BLOCK_SIZE 64
50 #define EdonR384_DIGEST_SIZE 48
51 #define EdonR384_BLOCK_SIZE 128
52 #define EdonR512_DIGEST_SIZE 64
53 #define EdonR512_BLOCK_SIZE 128

55 #define EdonR256_BLOCK_BITSIZE 512
56 #define EdonR512_BLOCK_BITSIZE 1024

58 typedef struct {
59     uint32_t DoublePipe[16];
60     uint8_t LastPart[EdonR256_BLOCK_SIZE * 2];
61 } EdonRData256;
```

new/usr/src/uts/common/sys/edonr.h

2

```
62 typedef struct {
63     uint64_t DoublePipe[16];
64     uint8_t LastPart[EdonR512_BLOCK_SIZE * 2];
65 } EdonRData512;

67 typedef struct {
68     size_t hashbitlen;

70     /* + algorithm specific parameters */
71     int unprocessed_bits;
72     uint64_t bits_processed;
73     union {
74         EdonRData256 p256[1];
75         EdonRData512 p512[1];
76     } pipe[1];
77 } EdonRState;

79 void EdonRInit(EdonRState *state, size_t hashbitlen);
80 void EdonRUpdate(EdonRState *state, const uint8_t *data, size_t databitlen);
81 void EdonRFinal(EdonRState *state, uint8_t *hashval);
82 void EdonRHash(size_t hashbitlen, const uint8_t *data, size_t databitlen,
83               uint8_t *hashval);

85 #endif /* __EDONR_H__ */
```

new/usr/src/uts/common/sys/fs/zfs.h

1

\*\*\*\*\*

28826 Tue Feb 19 01:00:54 2013

new/usr/src/uts/common/sys/fs/zfs.h

Temp stuff on salted-hash for DDT.

\*\*\*\*\*

unchanged portion omitted

152 extern const char \*zfs\_userquota\_prop\_prefixes[ZFS\_NUM\_USERQUOTA\_PROPS];

154 /\*

155 \* Pool properties are identified by these constants and must be added to the

156 \* end of this list to ensure that external consumers are not affected

157 \* by the change. If you make any changes to this list, be sure to update

158 \* the property table in usr/src/common/zfs/zpool\_prop.c.

159 \*/

160 typedef enum {

161 ZPOOL\_PROP\_NAME,

162 ZPOOL\_PROP\_SIZE,

163 ZPOOL\_PROP\_CAPACITY,

164 ZPOOL\_PROP\_ALTROOT,

165 ZPOOL\_PROP\_HEALTH,

166 ZPOOL\_PROP\_GUID,

167 ZPOOL\_PROP\_VERSION,

168 ZPOOL\_PROP\_BOOTFS,

169 ZPOOL\_PROP\_DELEGATION,

170 ZPOOL\_PROP\_AUTOREPLACE,

171 ZPOOL\_PROP\_CACHEFILE,

172 ZPOOL\_PROP\_FAILUREMODE,

173 ZPOOL\_PROP\_LISTSNAPS,

174 ZPOOL\_PROP\_AUTOEXPAND,

175 ZPOOL\_PROP\_DEDUPDITTO,

176 ZPOOL\_PROP\_DEDUPRATIO,

177 ZPOOL\_PROP\_FREE,

178 ZPOOL\_PROP\_ALLOCATED,

179 ZPOOL\_PROP\_READONLY,

180 ZPOOL\_PROP\_COMMENT,

181 ZPOOL\_PROP\_EXPANDSZ,

182 ZPOOL\_PROP\_FREEING,

183 ZPOOL\_PROP\_DDT\_SALT,

184 ZPOOL\_NUM\_PROPS

185 } zpool\_prop\_t;

unchanged portion omitted



```
*****
2016 Tue Feb 19 01:00:54 2013
new/usr/src/uts/intel/edonr/Makefile
Integrated Edon-R hash function.
*****
```

```
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 2013 Saso Kiselkov. All rights reserved.
23 #
24 # This makefile drives the production of the edonr crypto kernel module.
25 # intel architecture dependent
26 #
27 #
28 #
29 # Path to the base of the uts directory tree (usually /usr/src/uts).
30 #
31 UTSBASE = ../..
32 COMDIR = $(COMMONBASE)/crypto
33 #
34 # Define the module and object file sets.
35 #
36 #
37 MODULE = edonr
38 OBJECTS = $(EDONR_OBJS:%=$(OBJS_DIR)/%)
39 LINTS = $(EDONR_OBJS:%.o=$(LINTS_DIR)/%.ln)
40 ROOTMODULE = $(ROOT_CRYPTODIR)/$(MODULE)
41 ROOTLINK = $(ROOT_MISC_DIR)/$(MODULE)
42 #
43 #
44 # Include common rules.
45 #
46 include $(UTSBASE)/intel/Makefile.intel
47 #
48 # Define targets
49 #
50 #
51 ALL_TARGET = $(BINARY)
52 LINT_TARGET = $(MODULE).lint
53 INSTALL_TARGET = $(BINARY) $(ROOTMODULE) $(ROOTLINK)
54 #
55 #
56 # Linkage dependencies
57 #
58 LDFLAGS += -dy -Nmisc/kcf
59 #
60 CFLAGS += -xO5 -_gcc=-O3
61 CFLAGS64 += -xO5 -_gcc=-O3
```

```
62 LINTFLAGS +=
63 #
64 # Default build targets.
65 #
66 #
67 .KEEP_STATE:
68 #
69 def: $(DEF_DEPS)
70 #
71 all: $(ALL_DEPS)
72 #
73 clean: $(CLEAN_DEPS)
74 #
75 clobber: $(CLOBBER_DEPS)
76 #
77 lint: $(LINT_DEPS)
78 #
79 modlintlib: $(MODLINTLIB_DEPS)
80 #
81 clean.lint: $(CLEAN_LINT_DEPS)
82 #
83 install: $(INSTALL_DEPS)
84 #
85 $(ROOTLINK): $(ROOT_MISC_DIR) $(ROOTMODULE)
86 -$(RM) $@; ln $(ROOTMODULE) $@
87 #
88 #
89 # Include common targets.
90 #
91 include $(UTSBASE)/intel/Makefile.targ
```

```
*****
2016 Tue Feb 19 01:00:54 2013
new/usr/src/uts/sparc/edonr/Makefile
Integrated Edon-R hash function.
*****
```

```
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 2013 Saso Kiselkov. All rights reserved.
23 #
24 # This makefile drives the production of the edonr crypto kernel module.
25 # sparc architecture dependent
26 #
27 #
28 #
29 # Path to the base of the uts directory tree (usually /usr/src/uts).
30 #
31 UTSBASE = ../../
32 COMDIR = $(COMMONBASE)/crypto
33 #
34 # Define the module and object file sets.
35 #
36 #
37 MODULE = edonr
38 OBJECTS = $(EDONR_OBJS:%=$(OBJS_DIR)/%)
39 LINTS = $(EDONR_OBJS:%.o=$(LINTS_DIR)/%.ln)
40 ROOTMODULE = $(ROOT_CRYPTODIR)/$(MODULE)
41 ROOTLINK = $(ROOT_MISC_DIR)/$(MODULE)
42 #
43 #
44 # Include common rules.
45 #
46 include $(UTSBASE)/sparc/Makefile.sparc
47 #
48 # Define targets
49 #
50 #
51 ALL_TARGET = $(BINARY)
52 LINT_TARGET = $(MODULE).lint
53 INSTALL_TARGET = $(BINARY) $(ROOTMODULE) $(ROOTLINK)
54 #
55 #
56 # Linkage dependencies
57 #
58 LDFLAGS += -dy -Nmisc/kcf
59 #
60 CFLAGS += -xO5 -_gcc=-O3
61 CFLAGS64 += -xO5 -_gcc=-O3
```

```
62 LINTFLAGS +=
63 #
64 # Default build targets.
65 #
66 #
67 .KEEP_STATE:
68 #
69 def: $(DEF_DEPS)
70 #
71 all: $(ALL_DEPS)
72 #
73 clean: $(CLEAN_DEPS)
74 #
75 clobber: $(CLOBBER_DEPS)
76 #
77 lint: $(LINT_DEPS)
78 #
79 modlintlib: $(MODLINTLIB_DEPS)
80 #
81 clean.lint: $(CLEAN_LINT_DEPS)
82 #
83 install: $(INSTALL_DEPS)
84 #
85 $(ROOTLINK): $(ROOT_MISC_DIR) $(ROOTMODULE)
86 -$(RM) $@; ln $(ROOTMODULE) $@
87 #
88 #
89 # Include common targets.
90 #
91 include $(UTSBASE)/sparc/Makefile.targ
```