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0001 0 MODULE INIFC2 (
0002 0     LANGUAGE (BLISS32),
0003 0     IDENT = 'V04-000',
0004 0 ) =
0005 1 BEGIN
0006 1
0007 1
0008 1 *****
0009 1 *
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0027 1 *
0028 1 *
0029 1 *****
0030 1
0031 1 ++
0032 1
0033 1 FACILITY: F11ACP Structure Level 2
0034 1
0035 1 ABSTRACT:
0036 1
0037 1     These routines create and initialize a file control block
0038 1     from the given file header.
0039 1
0040 1 ENVIRONMENT:
0041 1
0042 1     STARLET operating system, including privileged system services
0043 1     and internal exec routines. These routines must be called in
0044 1     kernel mode.
0045 1
0046 1
0047 1 --
0048 1
0049 1
0050 1 AUTHOR: Andrew C. Goldstein, CREATION DATE: 14-Dec-1976 16:48
0051 1
0052 1 MODIFIED BY:
0053 1
0054 1     V03-015 CDS0006      Christian D. Saether    30-Aug-1984
0055 1     Add optional PRIMFCB argument to INIT_FCB2 and
0056 1     FILL_FCB routines.
0057 1

```

58	0058	1	V03-014	CDS0005	Christian D. Saether	15-Aug-1984	
59	0059	1			Set MARKDEL and BADBLOCK flags from header.		
60	0060	1					
61	0061	1	V03-013	CDS0004	Christian D. Saether	31-July-1984	
62	0062	1			Remove local declaration of get_map_pointer linkage.		
63	0063	1			Use locals to reference fcb and header arguments.		
64	0064	1			Remove test for directory fcb.		
65	0065	1			Change acl insque to add at end of list.		
66	0066	1			Use common acl init routine.		
67	0067	1					
68	0068	1	V03-012	ACG0440	Andrew C. Goldstein,	23-Jul-1984 11:56	
69	0069	1			Add ref count and classification valid flag to ORB in the FCB		
70	0070	1					
71	0071	1	V03-011	LMP0275	L. Mark Pilant,	12-Jul-1984 15:08	
72	0072	1			Initialize the ACL info in the ORB to be a null descriptor		
73	0073	1			list rather than an empty queue. This avoids the overhead		
74	0074	1			of locking and unlocking the ACL mutex, only to find out		
75	0075	1			that the ACL was empty.		
76	0076	1					
77	0077	1	V03-010	CDS0003	Christian D. Saether	26-Apr-1984	
78	0078	1			Set up FCB\$L_LOCKBASIS.		
79	0079	1					
80	0080	1	V03-009	LMP0221	L. Mark Pilant,	7-Apr-1984 11:58	
81	0081	1			Add support for the ORB within the FCB.		
82	0082	1					
83	0083	1	V03-008	ACG0408	Andrew C. Goldstein,	20-Mar-1984 17:53	
84	0084	1			Make APPLY_RVN and DEFAULT_RVN macros		
85	0085	1					
86	0086	1	V03-007	LMP0208	L. Mark Pilant,	9-Mar-1984 9:21	
87	0087	1			Copy the BADACL bit from the header to the FCB.		
88	0088	1					
89	0089	1	V03-006	LMP0188	L. Mark Pilant,	3-Feb-1984 15:45	
90	0090	1			Fill in the classification block in the FCB if it exists		
91	0091	1			in the file header.		
92	0092	1					
93	0093	1	V03-005	CDS0002	Christian D. Saether	18-Jan-1984	
94	0094	1			Modify interface to APPLY_RVN.		
95	0095	1					
96	0096	1	V03-004	CDS0001	Christian D. Saether	30-Dec-1983	
97	0097	1			Use L_NORM linkage and BIND_COMMON macro.		
98	0098	1					
99	0099	1	V03-003	LMP0073	L. Mark Pilant,	20-Jan-1983 9:31	
100	0100	1			Use the reserved area offset as the upper limit to the		
101	0101	1			ACL segment size in a file header.		
102	0102	1					
103	0103	1	V03-002	ACG0308	Andrew C. Goldstein,	14-Jan-1983 15:21	
104	0104	1			Fix FCB linkage consistency problems		
105	0105	1					
106	0106	1	V03-001	LMP0068	L. Mark Pilant,	21-Dec-1982 12:11	
107	0107	1			If the header contains ACL information, create a new ACL		
108	0108	1			segment and link it into the chain.		
109	0109	1					
110	0110	1	V02-003	ACG0241	Andrew C. Goldstein,	11-Dec-1981 22:53	
111	0111	1			Make updating of FCB common code, add handling		
112	0112	1			of directory bit		
113	0113	1					
114	0114	1	V02-002	ACG0167	Andrew C. Goldstein,	16-Apr-1980 19:26	


```

127 1116 1 GLOBAL ROUTINE INIT_FCB2 (FCBARG, HEADER, PRIMFCB) : L_NORM NOVALUE =
128 1117 1
129 1118 1 |++
130 1119 1 |
131 1120 1 | FUNCTIONAL DESCRIPTION:
132 1121 1 |
133 1122 1 |     This routine initializes the given FCB according to the given
134 1123 1 |     file header.
135 1124 1 |
136 1125 1 | CALLING SEQUENCE:
137 1126 1 |     INIT_FCB (ARG1, ARG2)
138 1127 1 |
139 1128 1 | INPUT PARAMETERS:
140 1129 1 |     ARG1: FCB address
141 1130 1 |     ARG2: header address
142 1131 1 |     ARG3: optional arg to specify primary fcb
143 1132 1 |
144 1133 1 | IMPLICIT INPUTS:
145 1134 1 |     HEADER_LBN contains LBN of header block
146 1135 1 |
147 1136 1 | OUTPUT PARAMETERS:
148 1137 1 |     NONE
149 1138 1 |
150 1139 1 | IMPLICIT OUTPUTS:
151 1140 1 |     NONE
152 1141 1 |
153 1142 1 | ROUTINE VALUE:
154 1143 1 |     NONE
155 1144 1 |
156 1145 1 | SIDE EFFECTS:
157 1146 1 |     FCB initialized
158 1147 1 |
159 1148 1 | --
160 1149 1 |
161 1150 2 BEGIN
162 1151 2
163 1152 2 MAP
164 1153 2     HEADER          : REF BBLOCK;    ! file header arg
165 1154 2
166 1155 2 GLOBAL REGISTER
167 1156 2     COUNT           = 6,             ! retrieval pointer count
168 1157 2     LBN              = 7,             ! retrieval pointer LBN
169 1158 2     MAP_POINTER      = 8;             ! pointer to scan map area
170 1159 2
171 1160 2 BASE_REGISTER;
172 1161 2
173 1162 2 EXTERNAL ROUTINE
174 1163 2     GET_MAP_POINTER : L_MAP_POINTER; ! get value of file map pointer
175 1164 2
176 1165 2 LOCAL
177 1166 2     FCB              : REF BBLOCK;
178 1167 2
179 1168 2 FCB = .FCBARG;
180 1169 2
181 1170 2 ! Scan the map area. Count up the file size from the retrieval pointers.
182 1171 2 |
183 1172 2

```

```

184 1173 2 MAP_POINTER = .HEADER + .HEADER[FH2$B_MPOFFSET]*2;
185 1174 2 FCB[FCB$L_FILESIZE] = 0;
186 1175 2
187 1176 2 UNTIL .MAP_POINTER GEQA .HEADER + (.HEADER[FH2$B_MPOFFSET] + .HEADER[FH2$B_MAP_INUSE]) * 2
188 1177 2 DO
189 1178 2     BEGIN
190 1179 2     GET_MAP_POINTER ();
191 1180 2     FCB[FCB$L_FILESIZE] = .FCB[FCB$L_FILESIZE] + .COUNT;
192 1181 2     END;
193 1182 2
194 1183 2 ! Now set up the rest of the fields.
195 1184 2 !
196 1185 2
197 1186 2 IF ACTUALCOUNT EQL 3
198 1187 2 THEN
199 1188 2     FILL_FCB (.FCB, .HEADER, .PRIMFCB)
200 1189 2 ELSE
201 1190 2     FILL_FCB (.FCB, .HEADER);
202 1191 2
203 1192 2
204 1193 1 END;

```

! end of routine INIT_FCB

```

.TITLE INIFC2
.IDENT \V04-000\

.EXTRN GET_MAP_POINTER

.PSECT $CODE$,NOWRT,2

.ENTRY INIT_FCB2, Save R2,R3,R6,R7,R8
52 04 AC D0 00002 MOVL FCBARG, FCB
51 08 AC D0 00006 MOVL HEADER, R1
50 01 A1 9A 0000A MOVZBL 1(R1), R0
58 6140 3E 0000E MOVAW (R1)[R0], MAP_POINTER
38 A2 D4 00012 CLRL 56(FCB)
51 08 AC D0 00015 1$: MOVL HEADER, R1
50 01 A1 9A 00019 MOVZBL 1(R1), R0
53 3A A1 9A 0001D MOVZBL 58(R1), R3
50 53 C0 00021 ADDL2 R3, R0
50 6140 3E 00024 MOVAW (R1)[R0], R0
50 58 D1 00028 CML MAP_POINTER, R0
09 1E 0002B BGEQU 2$
0000G 30 0002D BSBW GET_MAP_POINTER
38 A2 56 C0 00030 ADDL2 COUNT, 56(FCB)
DF 11 00034 BRB 1$
03 6C 91 00036 2$: CMPB (AP), #3
0C 12 00039 BNEQ 3$
7E 08 AC 7D 0003B MOVQ HEADER, -(SP)
52 DD 6003F PUSHL FCB
0000V CF 03 FB 00041 CALLS #3, FILL_FCB
04 00046 RET
08 AC DD 00047 3$: PUSHL HEADER
52 DD 0004A PUSHL FCB
0000V CF 02 FB 0004C CALLS #2, FILL_FCB
04 00051 RET

```

INIFC2
V04-000

D 16
16-Sep-1984 00:36:47
14-Sep-1984 12:30:31

VAX-11 Bliss-32 V4.0-742
DISK\$VMMASTER:[FIX.SRC]INIFC2.B32;1 Page 6 (2)

; Routine Size: 82 bytes. Routine Base: \$CODE\$ + 0000


```

: 206 1194 1 GLOBAL ROUTINE FILL_FCB (FCBARG, HDRARG, PRIMFCB) : L_NORM NOVALUE =
: 207 1195 1
: 208 1196 1 ++
: 209 1197 1
: 210 1198 1 FUNCTIONAL DESCRIPTION:
: 211 1199 1
: 212 1200 1     This routine updates the file attributes of the specified FCB,
: 213 1201 1     if any, with the file attributes of the given header. The file size
: 214 1202 1     is preserved.
: 215 1203 1
: 216 1204 1
: 217 1205 1 CALLING SEQUENCE:
: 218 1206 1     FILL_FCB (ARG1, ARG2)
: 219 1207 1
: 220 1208 1 INPUT PARAMETERS:
: 221 1209 1     ARG1: address of FCB
: 222 1210 1     ARG2: address of file header
: 223 1211 1     ARG3: optional arg to specify primary fcb
: 224 1212 1
: 225 1213 1 IMPLICIT INPUTS:
: 226 1214 1     NONE
: 227 1215 1
: 228 1216 1 OUTPUT PARAMETERS:
: 229 1217 1     NONE
: 230 1218 1
: 231 1219 1 IMPLICIT OUTPUTS:
: 232 1220 1     NONE
: 233 1221 1
: 234 1222 1 ROUTINE VALUE:
: 235 1223 1     NONE
: 236 1224 1
: 237 1225 1 SIDE EFFECTS:
: 238 1226 1     FCB is updated if it exists
: 239 1227 1
: 240 1228 1 --
: 241 1229 1
: 242 1230 2 BEGIN
: 243 1231 2
: 244 1232 2 BUILTIN
: 245 1233 2     REMQUE;
: 246 1234 2
: 247 1235 2 LOCAL
: 248 1236 2     FCB           : REF BBLOCK,  ! local copy of fcb address
: 249 1237 2     FCB_ORB      : REF BBLOCK,  ! Address of the ORB within the FCB
: 250 1238 2     HEADER       : REF BBLOCK,  ! local copy of header arg
: 251 1239 2     ACE_ADDRESS  : REF BBLOCK,  ! Address of current ACE in header
: 252 1240 2     ACL_LENGTH,   :           ! Size of ACL segment to create
: 253 1241 2     ACL_ADDRESS  : REF BBLOCK,  ! Address of created ACL segment
: 254 1242 2     ACL_FCB      : REF BBLOCK,  ! FCB for ACL segment
: 255 1243 2     DUMMY;       ! dummy target for REMQUE
: 256 1244 2
: 257 1245 2 GLOBAL REGISTER
: 258 1246 2     COUNT         = 6,          ! retrieval pointer count
: 259 1247 2     LBN           = 7,          ! retrieval pointer LBN
: 260 1248 2     MAP_POINTER  = 8;          ! pointer to scan map area
: 261 1249 2
: 262 1250 2 BIND_COMMON;

```

```
263 1251 2
264 1252 2 EXTERNAL
265 1253 2     EXE$GL_DYNAMIC_FLAGS      : BITVECTOR ADDRESSING MODE (ABSOLUTE),
266 1254 2     ! Dynamic SYSGEN flags
267 1255 2     CTL$GL_PCB                : REF BBLOCK ADDRESSING MODE (GENERAL);
268 1256 2     ! PCB address
269 1257 2
270 1258 2 EXTERNAL LITERAL
271 1259 2     EXE$V_CLASS_PROT;          ! Set if doing non-discretionary checks
272 1260 2
273 1261 2 EXTERNAL ROUTINE
274 1262 2     ACL_INIT_QUEUE,          ! ACL initialization
275 1263 2     GET_MAP_POINTER : L_MAP_POINTER, ! get value of file map pointer
276 1264 2     ALLOC_PAGED      : L_NORM;      ! Allocate system dynamic memory
277 1265 2
278 1266 2 ! Note the address of the ORB within the FCB.
279 1267 2
280 1268 2 FCB = .FCBARG;
281 1269 2 HEADER = .HDRARG;
282 1270 2 FCB_ORB = FCB[FCB$R_ORB];
283 1271 2
284 1272 2 ! Get the known constants and the simple stuff from the file header
285 1273 2 ! (i.e., header LBN, file ID, starting VBN, file owner and file protection).
286 1274 2 !
287 1275 2
288 1276 2 FCB[FCB$L_HDLBN]          = .HEADER_LBN;
289 1277 2 FCB[FCB$W_FID_NUM]       = .HEADER[FH2$W_FID_NUM];
290 1278 2 FCB[FCB$W_FID_SEQ]       = .HEADER[FH2$W_FID_SEQ];
291 1279 2 FCB[FCB$W_FID_RVN]       = .HEADER[FH2$W_FID_RVN];
292 1280 2 FCB[FCB$W_SEG_N]         = .HEADER[FH2$W_SEG_NUM];
293 1281 2 FCB_ORB[ORB$L_OWNER]     = .HEADER[FH2$L_FILEOWNER];
294 1282 2 FCB_ORB[ORB$V_PROT_16]   = 1;
295 1283 2 FCB_ORB[ORB$W_PROT]      = .HEADER[FH2$W_FILEPROT];
296 1284 2 FCB_ORB[ORB$V_MODE_VECTOR] = 1;
297 1285 2 FCB_ORB[ORB$L_MODE_PROTL] = NOT .HEADER[FH2$B_ACC_MODE];
298 1286 2 FCB_ORB[ORB$L_MODE_PROTH] = -1;
299 1287 2
300 1288 2 $ASSUME (FH2$S_CLASS_PROT EQL ORB$S_MIN_CLASS);
301 1289 2 $ASSUME (FH2$S_CLASS_PROT EQL ORB$S_MAX_CLASS);
302 1290 2
303 1291 2 IF .EXE$GL_DYNAMIC_FLAGS[EXE$V_CLASS_PROT]
304 1292 2 AND .HEADER[FH2$B_IDOFFSET]*2 GTRU FH2$C_LENGTH
305 1293 2 THEN
306 1294 2     BEGIN
307 1295 2     CH$MOVE (FH2$S_CLASS_PROT, HEADER[FH2$R_CLASS_PROT], FCB_ORB[ORB$R_MIN_CLASS]);
308 1296 2     CH$MOVE (FH2$S_CLASS_PROT, HEADER[FH2$R_CLASS_PROT], FCB_ORB[ORB$R_MAX_CLASS]);
309 1297 2     FCB_ORB[ORB$V_CLASS_PROT] = 1;
310 1298 2     END;
311 1299 2
312 1300 2 FCB[FCB$W_VERSIONS]       = .BBLOCK [HEADER[FH2$W_RECATTR], FAT$W_VERSIONS];
313 1301 2 APPLY RVN (FCB[FCB$W_FID_RVN], .CURRENT RVN);
314 1302 2 (FCB[FCB$L_LOCKBASIS])<0,16> = .FCB[FCB$W_FID_NUM];
315 1303 2 (FCB[FCB$L_LOCKBASIS])<16,8> = .FCB[FCB$B_FID_NMX];
316 1304 2 (FCB[FCB$L_LOCKBASIS])<24,8> = .FCB[FCB$B_FID_RVN];
317 1305 2
318 1306 2 IF .HEADER[FH2$V_SPOOL] THEN FCB[FCB$V_SPOOL] = 1;
319 1307 2 IF .HEADER [FH2$V_BADBLOCK] THEN FCB [FCB$V_BADBLK] = 1;
```

```
320 1308 2 IF .HEADER [FH2$V_MARKDEL] THEN FCB [FCB$V_MARKDEL] = 1;
321 1309 2
322 1310 2 FCB[FCB$L_EFBLK] = ROT (.BBLOCK[HEADER[FH2$W_RECATTR], FAT$L_EFBLK], 16);
323 1311 2 IF .FCB[FCB$L_EFBLK] NEQ 0
324 1312 2 AND .BBLOCK[HEADER[FH2$W_RECATTR], FAT$W_FFBYTE] EQL 0
325 1313 2 THEN FCB[FCB$L_EFBLK] = .FCB[FCB$L_EFBLK] - 1;
326 1314 2
327 1315 2 IF .FCB[FCB$L_EFBLK] GTR .FCB[FCB$L_FILESIZE]
328 1316 2 THEN FCB[FCB$L_EFBLK] = .FCB[FCB$L_FILESIZE];
329 1317 2
330 1318 2 ! Now scan the map area. Get the starting LBN if the file is contiguous.
331 1319 2 !
332 1320 2
333 1321 2 MAP_POINTER = .HEADER + .HEADER[FH2$B_MPOFFSET]*2;
334 1322 2 GET_MAP_POINTER ();
335 1323 2 FCB[FCB$L_STLBN] = 0;
336 1324 2 IF .HEADER[FH2$V_CONTIG]
337 1325 2 THEN FCB[FCB$L_STLBN] = .LBN;
338 1326 2
339 1327 2 ! Build an ACL segment if ACL information exists in the file header,
340 1328 2 ! and this is not an FCB update.
341 1329 2
342 1330 2 IF .HEADER[FH2$V_BADACL] THEN FCB[FCB$V_BADACL] = 1;
343 1331 2
344 1332 2 IF .HEADER[FH2$B_ACOFFSET]*2 LSS .HEADER[FH2$B_RSOFFSET]*2
345 1333 2 AND NOT .CLEANUP_FLAGS[CLF_NOBUILD]
346 1334 2 THEN
347 1335 3 BEGIN
348 1336 3 ACE_ADDRESS = .HEADER + .HEADER[FH2$B_ACOFFSET]*2;
349 1337 3 ACL_LENGTH = 0;
350 1338 3 DO
351 1339 4 BEGIN
352 1340 4 ACL_LENGTH = .ACL_LENGTH + .ACE_ADDRESS[ACE$B_SIZE];
353 1341 4 ACE_ADDRESS = .ACE_ADDRESS + .ACE_ADDRESS[ACE$B_SIZE];
354 1342 4 END
355 1343 3 UNTIL .ACE_ADDRESS[ACE$B_SIZE] EQL 0
356 1344 3 OR .ACE_ADDRESS GEQA .HEADER + .HEADER[FH2$B_RSOFFSET]*2;
357 1345 3 IF .ACL_LENGTH GTR 0
358 1346 3 THEN
359 1347 4 BEGIN
360 1348 4 ACL_ADDRESS = ALLOC_PAGED (ACL$C_LENGTH + .ACL_LENGTH, ACL_TYPE);
361 1349 4 CH$MOVE (.ACL_LENGTH, .HEADER + .HEADER[FH2$B_ACOFFSET]*2,
362 1350 4 ACL_ADDRESS[ACL$L_LIST]);
363 1351 4 ACL_ADDRESS[ACL$W_SIZE] = ACL$C_LENGTH + .ACL_LENGTH;
364 1352 4
365 1353 4 IF .FCB [FCB$W_SEGN] EQL 0
366 1354 4 THEN
367 1355 4 ACL_FCB = .FCB
368 1356 4 ELSE
369 1357 4 IF ACTUALCOUNT EQL 3
370 1358 4 THEN
371 1359 4 ACL_FCB = .PRIMFCB
372 1360 4 ELSE
373 1361 4 ACL_FCB = .PRIMARY_FCB;
374 1362 4
375 1363 4 FCB_ORB = ACL_FCB[FCB$R_ORB];
376 1364 4 IF NOT .FCB_ORB[ORB$V_ACL_QUEUE]
```


			A0	AA	D5	000A3		TSTL	-96(BASE)		
				03	12	000A6		BNEQ	3\$		
			28	A9	94	000A8		CLRB	40(FCB)		
	4C	A9	24	A9	B0	000AB	3\$:	MOVW	36(FCB), 76(FCB)		1302
	4E	A9	29	A9	90	000B0		MOVB	41(FCB), 78(FCB)		1303
	4F	A9	28	A9	90	000B5		MOVB	40(FCB), 79(FCB)		1304
04	35	AB		04	E1	000BA		BBC	#4, 53(HEADER), 4\$		1306
	22	A9		10	88	000BF		BISB2	#16, 34(FCB)		
04	35	AB		06	E1	000C3	4\$:	BBC	#6, 53(HEADER), 5\$		1307
	22	A9		04	88	000C8		BISB2	#4, 34(FCB)		
			35	AB	95	000CC	5\$:	TSTB	53(HEADER)		1308
				04	18	000CF		BGEQ	6\$		
	22	A9		02	88	000D1		BISB2	#2, 34(FCB)		
3C	A9	1C		10	9C	000D5	6\$:	ROTL	#16, 28(HEADER), 60(FCB)		1310
				08	13	000DB		BEQL	7\$		1311
			20	AB	B5	000DD		TSTW	32(HEADER)		1312
				03	12	000E0		BNEQ	7\$		
	38	A9	3C	A9	D7	000E2		DECL	60(FCB)		1313
			3C	A9	D1	000E5	7\$:	CMP	60(FCB), 56(FCB)		1315
				05	15	000EA		BLEQ	8\$		
	3C	A9	38	A9	D0	000EC		MOVL	56(FCB), 60(FCB)		1316
			01	AB	9A	000F1	8\$:	MOVZBL	1(HEADER), R0		1321
				6B40	3E	000F5		MOVAV	(HEADER)[R0], MAP_POINTER		
				0000G	30	000F9		BSBW	GET MAP_POINTER		1322
			30	A9	D4	000FC		CLRL	48(FCB)		1323
			34	AB	95	000FF		TSTB	52(HEADER)		1324
				04	18	00102		BGEQ	9\$		
	30	A9		57	D0	00104		MOVL	LBN, 48(FCB)		1325
05	35	AB		03	E1	00108	9\$:	BBC	#3, 53(HEADER), 10\$		1330
	22	A9	80	8F	88	0010D		BISB2	#128, 34(FCB)		
			02	AB	9A	00112	10\$:	MOVZBL	2(HEADER), R1		1332
				02	C4	00116		MULL2	#2, R1		
			03	AB	9A	00119		MOVZBL	3(HEADER), R0		
				02	C4	0011D		MULL2	#2, R0		
				51	D1	00120		CMP	R1, R0		
				76	18	00123		BGEQ	16\$		
72		6A		0B	E0	00125		BBS	#11, (BASE), 16\$		1333
		51		5B	C0	00129		ADDL2	HEADER, ACE_ADDRESS		1336
				57	D4	0012C		CLRL	ACL_LENGTH		1337
				61	9A	0012E	11\$:	MOVZBL	(ACE_ADDRESS), R0		1340
				50	C0	00131		ADDL2	R0, ACL_LENGTH		
				61	9A	00134		MOVZBL	(ACE_ADDRESS), R0		1341
				50	C0	00137		ADDL2	R0, ACE_ADDRESS		
				61	95	0013A		TSTB	(ACE_ADDRESS)		1343
				0D	13	0013C		BEQL	12\$		
			03	AB	9A	0013E		MOVZBL	3(HEADER), R0		1344
				6B40	3E	00142		MOVAV	(HEADER)[R0], R0		
				51	D1	00146		CMP	ACE_ADDRESS, R0		
				E3	1F	00149		BLSSU	11\$		
				57	D5	0014B	12\$:	TSTL	ACL_LENGTH		1345
				4C	15	0014D		BLEQ	16\$		
				07	DD	0014F		PUSHL	#7		1348
			0C	A7	9F	00151		PUSHAB	12(ACL_LENGTH)		
	0000G	CF		02	FB	00154		CALLS	#2, ALLOC PAGED		
		56		50	D0	00159		MOVL	R0, ACL_ADDRESS		
		50	02	AB	9A	0015C		MOVZBL	2(HEADER), R0		1349
				6B40	3F	00160		PUSHAW	(HEADER)[R0]		1350

0C	A6	9E	57	28	00163	MOV3	ACL_LENGTH, @(SP)+, 12(ACL_ADDRESS)	:		
08	A6	57	0C	A1	00168	ADDW3	#12, ACL_LENGTH, 8(ACL_ADDRESS)	:	1351	
			2A	A9	B5	0016D	TSTW	42(FCB)	:	1353
				0F	13	00170	BEQL	14\$:	
		03		6C	91	00172	CMPB	(AP), #3	:	1357
				06	12	00175	BNEQ	13\$:	
		59	0C	AC	D0	00177	MOVL	PRIMFCB, ACL_FCB	:	1359
				04	11	0017B	BRB	14\$:	
		59	08	AA	D0	0017D	MOVL	8(BASE), ACL_FCB	:	1361
		6E	58	A9	9E	00181	MOVAB	88(R9), FCB_ORB	:	1363
	50	6E		0B	C1	00185	ADDL3	#11, FCB_ORB, R0	:	1364
	07	60		01	E0	00189	BBS	#1, (R0), 15\$:	
				6E	DD	0018D	PUSHL	FCB_ORB	:	1366
		0000G	CF	01	FB	0018F	CALLS	#1, ACL_INIT_QUEUE	:	
	50	6E		2C	C1	00194	ADDL3	#4, FCB_ORB, R0	:	1368
		90		66	0E	00198	INSQUE	(ACL_ADDRESS), @(R0)+	:	
		01	AA	08	8A	0019B	BICB2	#8, T(BASE)	:	1372
				04	0019F	RET		:	1374	

: Routine Size: 416 bytes, Routine Base: \$CODE\$ + 0052

```
: 387      1375  1
: 388      1376  1 END
: 389      1377  0 ELUDOM
```

PSECT SUMMARY

Name	Bytes	Attributes
\$CODE\$	498	NOVEC, NOWRT, RD, EXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2)

Library Statistics

File	Symbols		Pages Mapped	Processing Time
	Total	Loaded Percent		
_\$255\$DUA28:[SYSLIB]LIB.L32;1	18619	76 0	1000	00:02.0

COMMAND QUALIFIERS

```
: BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/LIS=LIS$:INIFC2/OBJ=OBJ$:INIFC2 MSRC$:INIFC2/UPDATE=(ENH$:INIFC2)
```

INIFC2
V04-000

K 16
16-Sep-1984 00:36:47

VAX-11 Bliss-32 V4.0-742

Page 13

: Size: 498 code + 0 data bytes
: Run Time: 00:24.9
: Elapsed Time: 00:44.8
: Lines/CPU Min: 3318
: Lexemes/CPU-Min: 41508
: Memory Used: 311 pages
: Compilation Complete

