

```

UUU      UUU      AAAAAAAAAA      FFFFFFFF
UUU      UUU      AAAAAAAAAA      FFFFFFFF
UUU      UUU      AAAAAAAAAA      FFFFFFFF
UUU      UUU      AAA          AAA  FFF
UUU      UUU      AAA          AAA  FFF
UUU      UUU      AAA          AAA  FFF
UUU      UUU      AAA          AAA  FFF
UUU      UUU      AAA          AAA  FFF
UUU      UUU      AAA          AAA  FFF
UUU      UUU      AAA          AAA  FFF
UUU      UUU      AAA          AAA  FFF
UUU      UUU      AAA          AAA  FFF
UUU      UUU      AAA          AAA  FFF
UUU      UUU      AAA          AAA  FFF
UUU      UUU      AAA          AAA  FFF
UUU      UUU      AAA          AAA  FFF
UUU      UUU      AAAAAAAAAA      FFF
UUU      UUU      AAAAAAAAAA      FFF
UUU      UUU      AAAAAAAAAA      FFF
UUU      UUU      AAA          AAA  FFF
UUU      UUU      AAA          AAA  FFF
UUU      UUU      AAA          AAA  FFF
UUUUUUUUUUUUUUUUUU  AAA  AAA  FFF
UUUUUUUUUUUUUUUUUU  AAA  AAA  FFF
UUUUUUUUUUUUUUUUUU  AAA  AAA  FFF

```

[illegible]


```
0001 0 MODULE CVTNAF ( %TITLE 'Convert Network Proxy File'
0002 0      MAIN = MAIN,
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:      Convert User Authorization File
0034 1 |
0035 1 |ABSTRACT:      Converts a Release 3 compatible NETNAF.DAT to Release 4 format.
0036 1 |                The new NETNAF.DAT offsets are assumed.  The old offsets have
0037 1 |                been renamed to ONF$etc...
0038 1 |
0039 1 |ENVIRONMENT:   Release 3 to Release 4 conversion procedures
0040 1 |
0041 1 |AUTHOR:        Chris Hume, CREATION DATE: 22-May-1979
0042 1 |
0043 1 |MODIFIED BY:
0044 1 |
0045 1 |                V03-002 ACG0385      Andrew C. Goldstein,      11-Jan-1984  21:34
0046 1 |                Move ONFDEF to LIB$
0047 1 |
0048 1 |                V03-001 ACG0385      Andrew C. Goldstein,      5-Jan-1984  19:43
0049 1 |                Crib from CVTUAF utility.
0050 1 |
0051 1 |--
0052 1 |
0053 1 |LIBRARY 'SYSS$LIBRARY:LIB';
0054 1 |REQUIRE 'LIB$:ONFDEF';
0055 1 |
0056 1 |MACRO
0057 1 |RETURN_IF_ERROR[] =
```

```
58 M 0101 1 BEGIN
59 M 0102 1 LOCAL RMSERR;
60 M 0103 1 (IF NOT (RMSERR = %REMAINING) THEN RETURN .RMSERR)
61 M 0104 1 END
62 M 0105 1 %;
63 M 0106 1
64 M 0107 1 LITERAL
65 M 0108 1 TRUE = 1;
66 M 0109 1
67 M 0110 1 MACRO
68 M 0111 1 COPY_PADDED (NAME) =
69 M 0112 1 COPY_PADDED1 (%EXPLODE (NAME))
70 M 0113 1 %,
71 M 0114 1
72 M 0115 1 COPY_PADDED1 (C1, C2, C3, C4, C5) =
73 M 0116 1 COPY_PADDED2 (%STRING ('ONF$$', %REMAINING),
74 M 0117 1 %STRING ('ONF$', C5, %REMAINING),
75 M 0118 1 %STRING ('NAF$$', %REMAINING),
76 M 0119 1 %STRING ('NAF$', C5, %REMAINING))
77 M 0120 1 %,
78 M 0121 1
79 M 0122 1 COPY_PADDED2 (OLENGTH, ONAME, NLENGTH, NNAME) =
80 M 0123 1 CH$COPY (%NAME (OLENGTH), ONFBUF[%NAME (ONAME)]),
81 M 0124 1 %,
82 M 0125 1 %NAME (NLENGTH), NAFBUF[%NAME (NNAME)])
83 M 0126 1 %,
84 M 0127 1
85 M 0128 1 COPY_COUNTED (NAME) =
86 M 0129 1 COPY_COUNTED1 (%EXPLODE (NAME))
87 M 0130 1 %,
88 M 0131 1
89 M 0132 1 COPY_COUNTED1 (C1, C2, C3, C4, C5) =
90 M 0133 1 COPY_COUNTED2 (%STRING ('ONF$$', %REMAINING),
91 M 0134 1 %STRING ('ONF$', C5, %REMAINING),
92 M 0135 1 %STRING ('NAF$$', %REMAINING),
93 M 0136 1 %STRING ('NAF$', C5, %REMAINING))
94 M 0137 1 %,
95 M 0138 1
96 M 0139 1 COPY_COUNTED2 (OLENGTH, ONAME, NLENGTH, NNAME) =
97 M 0140 1 CH$COPY (%VECTOR [ONFBUF[%NAME (ONAME)], 0;, BYTE]+1, ONFBUF[%NAME (ONAME)]),
98 M 0141 1 %,
99 M 0142 1 %NAME (NLENGTH), NAFBUF[%NAME (NNAME)])
100 M 0143 1 %,
101 M 0144 1 PADDED_TO_COUNTED (NAME) =
102 M 0145 1 PADDED_TO_COUNTED1 (%EXPLODE (NAME))
103 M 0146 1 %,
104 M 0147 1
105 M 0148 1 PADDED_TO_COUNTED1 (C1, C2, C3, C4, C5) =
106 M 0149 1 PADDED_TO_COUNTED2 (%STRING ('ONF$$', %REMAINING),
107 M 0150 1 %STRING ('ONF$', C5, %REMAINING),
108 M 0151 1 %STRING ('NAF$$', %REMAINING),
109 M 0152 1 %STRING ('NAF$', C5, %REMAINING))
110 M 0153 1 %,
111 M 0154 1
112 M 0155 1 PADDED_TO_COUNTED2 (OLENGTH, ONAME, NLENGTH, NNAME) =
113 M 0156 1 BEGIN
114 M 0157 1 LOCAL COUNT, P : REF VECTOR [,BYTE];
```



```
115 M 0158 1 P = ONFBUF[%NAME (ONAME)] + %NAME (OLENGTH);
116 M 0159 1 UNTIL .P[-1] NEQ ;
117 M 0160 1 OR .P LEQA ONFBUF[%NAME (ONAME)]
118 M 0161 1 DO P = .P - 1;
119 M 0162 1 COUNT = .P - ONFBUF[%NAME (ONAME)];
120 M 0163 1 VECTOR [NAFBUF[%NAME (NNAME)], 0; , BYTE] = .COUNT;
121 M 0164 1 CH$COPY (,COUNT, ONFBUF[%NAME (ONAME)],
122 M 0165 1 %NAME (NLENGTH)-1, NAFBUF[%NAME (NNAME)]+1)
123 M 0166 1
124 M 0167 1 END
125 M 0168 1 %;
126 M 0169 1
127 M 0170 1 EXTERNAL ROUTINE
128 M 0171 1 LIB$PUT_OUTPUT : ADDRESSING_MODE (GENERAL);
129 M 0172 1
130 M 0173 1 OWN
131 M 0174 1 NAFBUF: BLOCK[NAF$C_LENGTH, BYTE],
132 M 0175 1 ONFBUF: BLOCK[ONF$C_LENGTH, BYTE],
133 M 0176 1
134 P 0177 1 NAFKEY1: $XABKEY ( ! XAB for UIC key
135 P 0178 1 KREF = 1, ! alternate key
136 P 0179 1 POSO = $BYTEOFFSET (NAF$T_LOCALUSER),
137 P 0180 1 SIZO = NAF$S_LOCALUSER,
138 P 0181 1 FLG = (CHG, DUP),
139 P 0182 1 KNM = UPLIT BYTE ('Local Username '),
140 M 0183 1 ),
141 M 0184 1
142 P 0185 1 NAFKEY0: $XABKEY ( ! XAB for USERNAME key
143 P 0186 1 KREF = 0, ! primary key
144 P 0187 1 POSO = $BYTEOFFSET (NAF$T_REMNAME),
145 P 0188 1 SIZO = NAF$S_REMNAME,
146 P 0189 1 KNM = UPLIT BYTE ('Remote Node Name and Username '),
147 P 0190 1 NXT = NAFKEY1
148 M 0191 1 ),
149 M 0192 1
150 P 0193 1 NAFALL: $XABALL ( ! XAB for NAF allocation
151 P 0194 1 AOP = CBT,
152 P 0195 1 BKZ = 4,
153 P 0196 1 NXT = NAFKEY0
154 M 0197 1 ),
155 M 0198 1
156 P 0199 1 NAFPRO: $XABPRO ( ! XAB for file protection
157 P 0200 1 PRO = (RWED, RWED, RWE,), ! deny world access
158 P 0201 1 NXT = NAFALL
159 M 0202 1 ),
160 M 0203 1
161 P 0204 1 NAFFAB: $FAB ( ! FAB for work file
162 P 0205 1 FAC = PUT, ! access types
163 P 0206 1 FNM = 'NEWNAF', ! temporary file name
164 P 0207 1 DNM = '.DAT',
165 P 0208 1 SHR = NIL,
166 P 0209 1 ORG = IDX, ! indexed operations
167 P 0210 1 RFM = FIX,
168 P 0211 1 MRS = NAF$C_LENGTH, ! maximum record size
169 P 0212 1 XAB = NAFPRO ! file protection XAB
170 M 0213 1 ),
171 M 0214 1
```



```
: 172 P 0215 1 NAFRAB: $RAB ( ! RAB for temporary file
: 173 P 0216 1 RSZ = NAF$C_LENGTH,
: 174 P 0217 1 RBF = NAFBUF,
: 175 P 0218 1 FAB = NAFFAB
: 176 P 0219 1 ),
: 177 P 0220 1
: 178 P 0221 1 ONFKEY1: $XABKEY ( ! XAB to read old NAF key
: 179 P 0222 1 KREF = 1
: 180 P 0223 1 ),
: 181 P 0224 1
: 182 P 0225 1 ONFKEY0: $XABKEY ( ! XAB to read old NAF key
: 183 P 0226 1 KREF = 0,
: 184 P 0227 1 NXT = ONFKEY1
: 185 P 0228 1 ),
: 186 P 0229 1
: 187 P 0230 1 ONFFAB: $FAB ( ! FAB for old NAF file
: 188 P 0231 1 FAC = GET, ! read only
: 189 P 0232 1 FNM = 'OLDNAF',
: 190 P 0233 1 DNM = '.DAT',
: 191 P 0234 1 XAB = ONFKEY0
: 192 P 0235 1 ),
: 193 P 0236 1
: 194 P 0237 1 ONFRAB: $RAB ( ! RAB for old NAF
: 195 P 0238 1 RAC = SEQ, ! key of reference
: 196 P 0239 1 KRF = 0,
: 197 P 0240 1 UBF = ONFBUF,
: 198 P 0241 1 USZ = ONF$C_LENGTH,
: 199 P 0242 1 FAB = ONFFAB
: 200 P 0243 1 );
: 201 P 0244 1
: 202 P 0245 1 ROUTINE MAIN =
: 203 P 0246 2 BEGIN
: 204 P 0247 2
: 205 P 0248 2 LOCAL
: 206 P 0249 2 RMSERR;
: 207 P 0250 2
: 208 P 0251 2 !
: 209 P 0252 2 ! Open the old NAF for input
: 210 P 0253 2 !
: 211 P 0254 2 RETURN_IF_ERROR ($OPEN (FAB = ONFFAB));
: 212 P 0255 2 RETURN_IF_ERROR ($CONNECT (RAB = ONFRAB));
: 213 P 0256 2 !
: 214 P 0257 2 ! Validate the keys of the NAF, checking if it is a new format,
: 215 P 0258 2 ! and then for old format validity.
: 216 P 0259 2 !
: 217 P 0260 2 IF .ONFKEY0[XAB$W_POS0] EQL $BYTEOFFSET (NAF$T_REMNAME)
: 218 P 0261 2 AND .ONFKEY0[XAB$B_SIZ0] EQL NAF$S_REMNAME
: 219 P 0262 2 AND .ONFKEY1[XAB$W_POS0] EQL $BYTEOFFSET (NAF$T_LOCALUSER)
: 220 P 0263 2 AND .ONFKEY1[XAB$B_SIZ0] EQL NAF$S_LOCALUSER
: 221 P 0264 2 THEN
: 222 P 0265 3 BEGIN
: 223 P 0266 3 LIB$PUT_OUTPUT ($DESCRIPTOR ('Proxy file is already converted'));
: 224 P 0267 3 RETURN ST$M_INHIB_MSG;
: 225 P 0268 2 END;
: 226 P 0269 2 IF .ONFKEY0[XAB$W_POS0] NEQ $BYTEOFFSET (ONF$T_REMNAME)
: 227 P 0270 2 OR .ONFKEY0[XAB$B_SIZ0] NEQ ONF$S_REMNAME
: 228 P 0271 2 OR .ONFKEY1[XAB$W_POS0] NEQ $BYTEOFFSET (ONF$T_LOCALUSER)
```



```
0272 2 OR .ONFKEY1[XAB$B_SIZE] NEQ ONF$S_LOCALUSER
0273 2 THEN
0274 2 BEGIN
0275 2 LIB$PUT OUTPUT ($DESCRIPTOR ('Proxy file has invalid format'));
0276 2 RETURN ST$M_INHIB_MSG;
0277 2 END;
0278 2
0279 2 Create the new NAF.
0280 2
0281 2 NAFALL[XAB$L_ALQ] = .ONFFAB[FAB$L_ALQ] / 2 + .ONFFAB[FAB$L_ALQ];
0282 2 RETURN_IF_ERROR ($CREATE (FAB = NAFFAB));
0283 2 RETURN_IF_ERROR ($CONNECT (RAB = NAFRAB));
0284 2
0285 2 WHILE (RMSERR = $GET (RAB = ONFRAB))
0286 2 DO
0287 2 BEGIN
0288 2 CH$FILL (0, NAF$C_LENGTH, NAFBUF);
0289 2 COPY_PADDED ('NAF$T_NODE');
0290 2 COPY_PADDED ('NAF$T_REMUSER');
0291 2 COPY_PADDED ('NAF$T_LOCALUSER');
0292 2 RETURN_IF_ERROR ($PUT (RAB = NAFRAB));
0293 2 END;
0294 2 IF .RMSERR NEQ RMS$ EOF THEN RETURN .RMSERR;
0295 2 RETURN_IF_ERROR ($CLOSE (FAB = NAFFAB));
0296 2 $CLOSE (FAB = ONFFAB)
0297 1 END;
```

```
.TITLE CVTNAF Convert Network Proxy File
.IDENT \V04-000\

.PSECT $SPLITS,NOWRT,NOEXE,2

20 65 6D 61 6E 72 65 73 55 20 6C 61 63 6F 4C 00000 P.AAA: .ASCII \Local Username \
20 20 20 20 20 20 20 20 20 20 20 20 20 20 20 0000F
6D 61 4E 20 65 64 6F 4E 20 65 74 6F 6D 65 52 00020 P.AAB: .ASCII \Remote Node Name and Username \
20 65 6D 61 6E 72 65 73 55 20 64 6E 61 20 65 0002F
46 41 4E 57 45 4E 00040 P.AAC: .ASCII \NEWNAF\
54 41 44 2E 00046 P.AAD: .ASCII \.DAT\
46 41 4E 44 4C 4F 0004A P.AAE: .ASCII \OLDNAF\
54 41 44 2E 00050 P.AAF: .ASCII \.DAT\
61 20 73 69 20 65 6C 69 66 20 79 78 6F 72 50 00054 P.AAH: .ASCII \Proxy file is already converted\
65 74 72 65 76 6E 6F 63 20 79 64 61 65 72 6C 00063
64 00072
00073
0000001F 00074 P.AAG: .BLKB 1
00000000 00078 P.AAJ: .LONG 31
20 73 61 68 20 65 6C 69 66 20 79 78 6F 72 50 0007C P.AAJ: .ADDRESS P.AAH
74 61 6D 72 6F 66 20 64 69 6C 61 76 6E 69 0008B
00099
0000001D 0009C P.AAI: .BLKB 3
00000000 000A0 P.AAI: .LONG 29
ADDRESS P.AAJ

.PSECT $OWNS,NOEXE,2
```



```
00000 NAFBUF: .BLKB 100
00064 ONFBUF: .BLKB 30
00082 .BLKB 2
15 00084 NAFKEY1: .BYTE 21
4C 00085 .BYTE 76
0000 00086 .WORD 0
00000000 00088 .LONG 0
00 0008C .BYTE 0
00 0008D .BYTE 0
00 0008E .BYTE 0
00 0008F .BYTE 0
00 00090 .BYTE 0
00 00091 .BYTE 0
00000000 00092 .LONG 0
03 00096 .BYTE 3
00 00097 .BYTE 0
00 00098 .BYTE 0
00 00099 .BYTE 0
00 0009A .BYTE 0
01 0009B .BYTE 1
0000 0009C .WORD 0
0000 0009E .WORD 0
0000 000A0 .WORD 0
0040 000A2 .WORD 64
0000 000A4 .WORD 0
0000 000A6 .WORD 0
0000 000A8 .WORD 0
0000 000AA .WORD 0
0000 000AC .WORD 0
0000 000AE .WORD 0
0000 000B0 .WORD 0
20 000B2 .BYTE 32
00 000B3 .BYTE 0
00 000B4 .BYTE 0
00 000B5 .BYTE 0
00 000B6 .BYTE 0
00 000B7 .BYTE 0
00 000B8 .BYTE 0
00 000B9 .BYTE 0
0000 000BA .WORD 0
00000000* 000BC .ADDRESS P.AAA
00000000 000C0 .LONG 0
00 000C4 .BYTE 0
00 000C5 .BYTE 0
00 000C6 .BYTE 0
00 000C7 .BYTE 0
00 000C8 .BYTE 0
00 000C9 .BYTE 0
00 000CA .BYTE 0
00 000CB .BYTE 0
00 000CC .BYTE 0
00 000CD .BYTE 0
00CE .BLKB 2
15 000D0 NAFKEY0: .BYTE 21
4C 000D1 .BYTE 76
0000 000D2 .WORD 0
C0000000* 000D4 .ADDRESS NAFKEY1
```


00	000D8	.BYTE	0
00	000D9	.BYTE	0
00	000DA	.BYTE	0
00	000DB	.BYTE	0
00	000DC	.BYTE	0
00	000DD	.BYTE	0
00000000	000DE	.LONG	0
00	000E2	.BYTE	0
00	000E3	.BYTE	0
00	000E4	.BYTE	0
00	000E5	.BYTE	0
00	000E6	.BYTE	0
00	000E7	.BYTE	0
0000	000E8	.WORD	0
0000	000EA	.WORD	0
0000	000EC	.WORD	0
0000	000EE	.WORD	0
0000	000F0	.WORD	0
0000	000F2	.WORD	0
0000	000F4	.WORD	0
0000	000F6	.WORD	0
0000	000F8	.WORD	0
0000	000FA	.WORD	0
0000	000FC	.WORD	0
40	000FE	.BYTE	64
00	000FF	.BYTE	0
00	00100	.BYTE	0
00	00101	.BYTE	0
00	00102	.BYTE	0
00	00103	.BYTE	0
00	00104	.BYTE	0
00	00105	.BYTE	0
0000	00106	.WORD	0
00000000	00108	.ADDRESS	P.AAB
00000000	0010C	.LONG	0
00	00110	.BYTE	0
00	00111	.BYTE	0
00	00112	.BYTE	0
00	00113	.BYTE	0
00	00114	.BYTE	0
00	00115	.BYTE	0
00	00116	.BYTE	0
00	00117	.BYTE	0
00	00118	.BYTE	0
00	00119	.BYTE	0
	0011A	.BLKB	2
14	0011C	.BYTE	20
20	0011D	.BYTE	32
0000	0011E	.WORD	0
00000000	00120	.ADDRESS	NAFKEY0
20	00124	.BYTE	32
00	00125	.BYTE	0
0000	00126	.WORD	0
00000000	00128	.LONG	0
00000000	0012C	.LONG	0
0000	00130	.WORD	0
04	00132	.BYTE	4

NAFALL:


```
0000 0000 0000 00133 .BYTE 0
0000 0000 0000 00134 .WORD 0, 0, 0
0000 0000 0000 0013A .WORD 0
13 0013C NAFPRO: .BYTE 19
58 0013D .BYTE 88
0000 0013E .WORD 0
00000000 00140 .ADDRESS NAFALL
F800 00144 .WORD -2048
00 00146 .BYTE 0
00 00147 .BYTE 0
0000 0000 00148 .WORD 0, 0
00 0014C .BYTE 0
00 0014D .BYTE 0
0000 0014E .WORD 0
00000000 00150 .LONG 0
00000000 00154 .LONG 0
0000 00158 .WORD 0
0000 0015A .WORD 0
00000000 0015C .LONG 0
00000000 00160 .LONG 0
00164 .BLKB 48
03 00194 NAFFAB: .BYTE 3
50 00195 .BYTE 80
0000 00196 .WORD 0
00000000 00198 .LONG 0
00000000 0019C .LONG 0
00000000 001A0 .LONG 0
00000000 001A4 .LONG 0
0000 001A8 .WORD 0
01 001AA .BYTE 1
20 001AB .BYTE 32
00000000 001AC .LONG 0
00 001B0 .BYTE 0
20 001B1 .BYTE 32
00 001B2 .BYTE 0
01 001B3 .BYTE 1
00000000 001B4 .LONG 0
00000000 001B8 .ADDRESS NAFPRO
00000000 001BC .LONG 0
00000000 001C0 .ADDRESS P.AAC
00000000 001C4 .ADDRESS P.AAD
06 001C8 .BYTE 6
04 001C9 .BYTE 4
0064 001CA .WORD 100
00000000 001CC .LONG 0
0000 001D0 .WORD 0
00 001D2 .BYTE 0
00 001D3 .BYTE 0
00000000 001D4 .LONG 0
00000000 001D8 .LONG 0
0000 001DC .WORD 0
00 001DE .BYTE 0
00 001DF .BYTE 0
00000000 001E0 .LONG 0
01 001E4 NAFRAB: .BYTE 1
44 001E5 .BYTE 68
0000 001E6 .WORD 0
```


00000000	001E8	.LONG	0
00000000	001EC	.LONG	0
00000000	001F0	.LONG	0
0000	001F4	.WORD	0[3]
0000	001FA	.WORD	0
00000000	001FC	.LONG	0
0000	00200	.WORD	0
00	00202	.BYTE	0
00	00203	.BYTE	0
0000	00204	.WORD	0
0064	00206	.WORD	100
00000000	00208	.LONG	0
00000000	0020C	.ADDRESS	NAFBUF
00000000	00210	.LONG	0
00000000	00214	.LONG	0
00	00218	.BYTE	0
00	00219	.BYTE	0
00	0021A	.BYTE	0
00	0021B	.BYTE	0
00000000	0021C	.LONG	0
00000000	00220	.ADDRESS	NAFFAB
00000000	00224	.LONG	0
15	00228	.BYTE	21
4C	00229	.BYTE	76
0000	0022A	.WORD	0
00000000	0022C	.LONG	0
00	00230	.BYTE	0
00	00231	.BYTE	0
00	00232	.BYTE	0
00	00233	.BYTE	0
00	00234	.BYTE	0
00	00235	.BYTE	0
00000000	00236	.LONG	0
00	0023A	.BYTE	0
00	0023B	.BYTE	0
00	0023C	.BYTE	0
00	0023D	.BYTE	0
00	0023E	.BYTE	0
01	0023F	.BYTE	1
0000	00240	.WORD	0
0000	00242	.WORD	0
0000	00244	.WORD	0
0000	00246	.WORD	0
0000	00248	.WORD	0
0000	0024A	.WORD	0
0000	0024C	.WORD	0
0000	0024E	.WORD	0
0000	00250	.WORD	0
0000	00252	.WORD	0
0000	00254	.WORD	0
00	00256	.BYTE	0
00	00257	.BYTE	0
00	00258	.BYTE	0
00	00259	.BYTE	0
00	0025A	.BYTE	0
00	0025B	.BYTE	0
00	0025C	.BYTE	0

ONFKEY1:

00	0025D	.BYTE	0
0000	0025E	.WORD	0
00000000	00260	.LONG	0
00000000	00264	.LONG	0
00	00268	.BYTE	0
00	00269	.BYTE	0
00	0026A	.BYTE	0
00	0026B	.BYTE	0
00	0026C	.BYTE	0
00	0026D	.BYTE	0
00	0026E	.BYTE	0
00	0026F	.BYTE	0
00	00270	.BYTE	0
00	00271	.BYTE	0
00	00272	.BLKB	2
15	00274	ONFKEY0: .BYTE	21
4C	00275	.BYTE	76
0000	00276	.WORD	0
00000000	00278	.ADDRESS ONFKEY1	0
00	0027C	.BYTE	0
00	0027D	.BYTE	0
00	0027E	.BYTE	0
00	0027F	.BYTE	0
00	00280	.BYTE	0
00	00281	.BYTE	0
00000000	00282	.LONG	0
00	00286	.BYTE	0
00	00287	.BYTE	0
00	00288	.BYTE	0
00	00289	.BYTE	0
00	0028A	.BYTE	0
00	0028B	.BYTE	0
0000	0028C	.WORD	0
0000	0028E	.WORD	0
0000	00290	.WORD	0
0000	00292	.WORD	0
0000	00294	.WORD	0
0000	00296	.WORD	0
0000	00298	.WORD	0
0000	0029A	.WORD	0
0000	0029C	.WORD	0
0000	0029E	.WORD	0
0000	002A0	.WORD	0
00	002A2	.BYTE	0
00	002A3	.BYTE	0
00	002A4	.BYTE	0
00	002A5	.BYTE	0
00	002A6	.BYTE	0
00	002A7	.BYTE	0
00	002A8	.BYTE	0
00	002A9	.BYTE	0
0000	002AA	.WORD	0
00000000	002AC	.LONG	0
00000000	002B0	.LONG	0
00	002B4	.BYTE	0
00	002B5	.BYTE	0
00	002B6	.BYTE	0

00	002B7		.BYTE	0
00	002B8		.BYTE	0
00	002B9		.BYTE	0
00	002BA		.BYTE	0
00	002BB		.BYTE	0
00	002BC		.BYTE	0
00	002BD		.BYTE	0
	002BE		.BLKB	2
03	002C0	ONFFAB:	.BYTE	3
50	002C1		.BYTE	80
0000	002C2		.WORD	0
00000000	002C4		.LONG	0
00000000	002C8		.LONG	0
00000000	002CC		.LONG	0
00000000	002D0		.LONG	0
0000	002D4		.WORD	0
02	002D6		.BYTE	2
00	002D7		.BYTE	0
00000000	002D8		.LONG	0
00	002DC		.BYTE	0
00	002DD		.BYTE	0
00	002DE		.BYTE	0
02	002DF		.BYTE	2
00000000	002E0		.LONG	0
00000000	002E4		.ADDRESS	ONFKEY0
00000000	002E8		.LONG	0
00000000	002EC		.ADDRESS	P.AAE
00000000	002F0		.ADDRESS	P.AAF
06	002F4		.BYTE	6
04	002F5		.BYTE	4
0000	002F6		.WORD	0
00000000	002F8		.LONG	0
0000	002FC		.WORD	0
00	002FE		.BYTE	0
00	002FF		.BYTE	0
00000000	00300		.LONG	0
00000000	00304		.LONG	0
0000	00308		.WORD	0
00	0030A		.BYTE	0
00	0030B		.BYTE	0
00000000	0030C		.LONG	0
01	00310	ONFRAB:	.BYTE	1
44	00311		.BYTE	68
0000	00312		.WORD	0
00000000	00314		.LONG	0
00000000	00318		.LONG	0
00000000	0031C		.LONG	0
0000#	00320		.WORD	0[3]
0000	00326		.WORD	0
00000000	00328		.LONG	0
0000	0032C		.WORD	0
00	0032E		.BYTE	0
00	0032F		.BYTE	0
001E	00330		.WORD	30
0000	00332		.WORD	0
00000000	00334		.ADDRESS	ONFBUF
00000000	00338		.LONG	0

		00000000	0033C		.LONG	0		
		00000000	00340		.LONG	0		
			00	00344	.BYTE	0		
			00	00345	.BYTE	0		
			00	00346	.BYTE	0		
			00	00347	.BYTE	0		
		00000000	00348		.LONG	0		
		00000000	0034C		.ADDRESS	ONFFAB		
		00000000	00350		.LONG	0		
					.EXTRN	LIB\$PUT, OUTPUT, SYSS\$OPEN		
					.EXTRN	SYSS\$CONNECT, SYSS\$CREATE		
					.EXTRN	SYSS\$GET, SYSS\$PUT		
					.EXTRN	SYSS\$CLOSE		
					.PSECT	\$CODE\$, NOWRT, 2		
			03FC	00000	MAIN:	.WORD	Save R2,R3,R4,R5,R6,R7,R8,R9	0245
59	00000000G	00	9E	00002	MOVAB	SYSS\$CLOSE, R9		
58	00000000G	00	9E	00009	MOVAB	SYSS\$CONNECT, R8		
57	0000	CF	9E	00010	MOVAB	ONFFAB, R7		
		57	DD	00015	PUSHL	R7		0254
00000000G	00	01	FB	00017	CALLS	#1, SYSS\$OPEN		
6A		50	E9	0001E	BLBC	RMSERR, 5\$		
	50	A7	9F	00021	PUSHAB	ONFRAB		0255
68		01	FB	00024	CALLS	#1, SYSS\$CONNECT		
61		50	E9	00027	BLBC	RMSERR, 5\$		
	D2	A7	B5	0002A	TSTW	ONFKEY0+30		0260
		1B	12	0002D	BNEQ	1\$		
40	8F	E2	A7	0002F	CMPB	ONFKEY0+46, #64		0261
		14	12	00034	BNEQ	1\$		
0040	8F	86	A7	00036	CMPW	ONFKEY1+30, #64		0262
		0C	12	0003C	BNEQ	1\$		
20		96	A7	0003E	CMPB	ONFKEY1+46, #32		0263
		06	12	00042	BNEQ	1\$		
	0000	CF	9F	00044	PUSHAB	P.AAG		0266
		1B	11	00048	BRB	3\$		
	D2	A7	B5	0004A	TSTW	ONFKEY0+30		0269
		12	12	0004D	BNEQ	2\$		
12		E2	A7	0004F	CMPB	ONFKEY0+46, #18		0270
		0C	12	00053	BNEQ	2\$		
12		86	A7	00055	CMPW	ONFKEY1+30, #18		0271
		06	12	00059	BNEQ	2\$		
0C		96	A7	0005B	CMPB	ONFKEY1+46, #12		0272
		13	13	0005F	BEQL	4\$		
	0000	CF	9F	00061	PUSHAB	P.AAI		0275
00000000G	00	01	FB	00065	CALLS	#1, LIB\$PUT, OUTPUT		
50	10000000	8F	D0	0006C	MOVL	#268435456, -R0		0276
		04	00	00073	RET			
50	10	A7	02	C7	DIVL3	#2, ONFFAB+16, R0		0281
	FE6C	C7	10	9E	MOVAB	@ONFFAB+16[R0], NAFALL+16		
		FED4	C7	9F	PUSHAB	NAFFAB		0282
00000000G	00	01	FB	00084	CALLS	#1, SYSS\$CREATE		
	6C	50	E9	0008B	BLBC	RMSERR, 10\$		
		C7	9F	0008E	PUSHAB	NAFRAB		0283
68		FF24	01	FB	CALLS	#1, SYSS\$CONNECT		
		43	11	00095	BRB	7\$		

0064	8F	00	00000000G	00	50	A7	9F	00097	6\$:	PUSHAB	ONFRAB	0285
				56		01	FB	0009A		CALLS	#1, SYSS\$GET	
				37		50	D0	000A1		MOVL	R0, RMSERR	
				6E		56	E9	000A4		BLBC	RMSERR, 8\$	
					FD40	00	2C	000A7		MOVC5	#0, (SP), #0, #100, NAFBUF	0288
	20	20	FDA4	C7		C7	00	000AE				
					FD40	06	2C	000B1		MOVC5	#6, ONFBUF, #32, #32, NAFBUF	0289
	20	20	FDA4	C7		C7	00	000B8				
					FD60	0C	2C	000BB		MOVC5	#12, ONFBUF+6, #32, #32, NAFBUF+32	0290
	20	20	FDB6	C7		C7	00	000C2				
					FD80	0C	2C	000C5		MOVC5	#12, ONFBUF+18, #32, #32, NAFBUF+64	0291
					FF24	C7	00	000CC				
			00000000G	00		C7	9F	000CF		PUSHAB	NAFRAB	0292
				BA		01	FB	000D3		CALLS	#1, SYSS\$PUT	
			0001827A	8F		50	E8	000DA	7\$:	BLBS	RMSERR, 6\$	
						04	00	000DD		RET		
						56	D1	000DE	8\$:	CMPL	RMSERR, #98938	0294
						04	13	000E5		BEQL	9\$	
				50		56	D0	000E7		MOVL	RMSERR, R0	
					FED4	04	00	000EA		RET		
				69		C7	9F	000EB	9\$:	PUSHAB	NAFFAB	0295
				05		01	FB	000EF		CALLS	#1, SYSS\$CLOSE	
						50	E9	000F2		BLBC	RMSERR, 10\$	
						57	DD	000F5		PUSHL	R7	0296
				69		01	FB	000F7		CALLS	#1, SYSS\$CLOSE	
						04	00	000FA	10\$:	RET		0297

; Routine Size: 251 bytes, Routine Base: \$CODE\$ + 0000

:	255	0298	1
:	256	0299	1 END
:	257	0300	0 ELUDOM

F3ECT SUMMARY

Name	Bytes	Attributes
\$OWNS	852	NOVEC, WRT, RD, NOEXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2)
\$PLITS	164	NOVEC, NOWRT, RD, NOEXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2)
\$CODE\$	251	NOVEC, NOWRT, RD, EXE, NOSHR, LCL, REL, CON, NOPIC, ALIGN(2)

Library Statistics

File	Total	Symbols Loaded	Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[SYSLIB]LIB.L32;1	18619	77	0	1000	00:01.9

CVTNAF
V04-000

Convert Network Proxy File

M 14
16-Sep-1984 02:14:17
14-Sep-1984 13:21:08

VAX-11 Bliss-32 V4.0-742
DISK\$VMSMASTER:[UAF.SRC]CVTNAF.B32;1 Page 14
(1)

COMMAND QUALIFIERS

BLISS/CHECK=(FIELD,INITIAL,OPTIMIZE)/LIS=LISS:CVTNAF/OBJ=OBJ\$:CVTNAF MSRC\$:CVTNAF/UPDATE=(ENHS:CVTNAF)

: Size: 251 code + 1016 data bytes
: Run Time: 00:17.3
: Elapsed Time: 00:44.7
: Lines/CPU Min: 1039
: Lexemes/CPU-Min: 44979
: Memory Used: 173 pages
: Compilation Complete

0405 AH-BT13A-SE
VAX/VMS V4.0

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