


```

CCCCCCCCC 000000 NN NN VV VV DDDDDDDD AAAAAA TTTTTTTTTT AAAAAA
CCCCCCCCC 000000 NN NN VV VV DDDDDDDD AAAAAA TTTTTTTTTT AAAAAA
CC          OO          OO NN NN VV VV DD DD AA AA TT TT AA AA
CC          OO          OO NN NN VV VV DD DD AA AA TT TT AA AA
CC          OO          OO NNNN NN VV VV DD DD AA AA TT TT AA AA
CC          OO          OO NNNN NN VV VV DD DD AA AA TT TT AA AA
CC          OO          OO NN NN NN VV VV DD DD AA AA TT TT AA AA
CC          OO          OO NN NN NN VV VV DD DD AA AA TT TT AA AA
CC          OO          OO NN NN NN VV VV DD DD AAAAAAAAAA TT TT AAAAAAAAAA
CC          OO          OO NN NN NN VV VV DD DD AAAAAAAAAA TT TT AAAAAAAAAA
CC          OO          OO NN NN NN VV VV DD DD AA AA TT TT AA AA
CC          OO          OO NN NN NN VV VV DD DD AA AA TT TT AA AA
CC          OO          OO NN NN NN VV VV DD DD AA AA TT TT AA AA
CC          OO          OO NN NN NN VV VV DD DD AA AA TT TT AA AA
CC          OO          OO NN NN NN VV VV DD DD AA AA TT TT AA AA
CCCCCCCCC 000000 NN NN VV VV DDDDDDDD AAAAAA TTTTTTTTTT AAAAAA
CCCCCCCCC 000000 NN NN VV VV DDDDDDDD AAAAAA TTTTTTTTTT AAAAAA
...
...
...
...

LL          IIIIIII SSSSSSSS
LL          IIIIIII SSSSSSSS
LL          II      SS
LL          II      SS
LL          II      SS
LL          II      SS
LL          II      SSSSSS
LL          II      SSSSSS
LL          II      SS
LL          II      SS
LL          II      SS
LL          II      SS
LLLLLLLLLLL IIIIIII SSSSSSSS
LLLLLLLLLLL IIIIIII SSSSSSSS

```



```
0001 0 %TITLE 'VAX-11 CONVERT'
0002 0 %SBTTL 'Data Declarations'
0003 0 MODULE CONV$DATA ( IDENT='V04-000'
0004 0 ) =
0005 0
0006 1 BEGIN
0007 1
0008 1 *****
0009 1 *
0010 1 *  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
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0025 1 *  DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
0026 1 *  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
0027 1 *
0028 1 *
0029 1 *****
```


CONV\$DATA
V04-000

VAX-11 CONVERT
Data Declarations

E 2
15-Sep-1984 23:40:28
14-Sep-1984 12:13:49

VAX-11 Bliss-32 V4.0-742
[CONV.SRC]CONVDATA.B32;1

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```

31 0030 1 |++
32 0031 1 |
33 0032 1 | Facility: VAX-11 CONVERT
34 0033 1 |
35 0034 1 | Abstract: CONVERT global data declarations
36 0035 1 |
37 0036 1 | Environment:
38 0037 1 |
39 0038 1 | VAX/VMS Operating System
40 0039 1 |
41 0040 1 | --
42 0041 1 |
43 0042 1 |
44 0043 1 | Author: Keith B Thompson Creation date: June-1980
45 0044 1 |
46 0045 1 |
47 0046 1 | Modified by:
48 0047 1 |
49 0048 1 | V03-004 JWT0185 Jim Teague 29-Jun-1984
50 0049 1 | Add 2 longwords for keeping track of buffer used in
51 0050 1 | FTN --> STM conversion.
52 0051 1 |
53 0052 1 | V03-003 RAS0250 Ron Schaefer 23-Feb-1984
54 0053 1 | Add CONV$GL_FINDFILE_CTX for use by LIB$FIND_FILE.
55 0054 1 |
56 0055 1 | V03-002 KBT0542 Keith B. Thompson 9-Jun-1983
57 0056 1 | Remove all of the initialization code this should be
58 0057 1 | done at run time
59 0058 1 |
60 0059 1 | V03-001 KBT0481 Keith B. Thompson 29-Jan-1983
61 0060 1 | Remove conv$gl_key_desc_vbn
62 0061 1 |
63 0062 1 | ****

```



```

65 0063 1
66 0064 1 PSECT
67 0065 1     OWN      = _CONVSOWN      (PIC),
68 0066 1     GLOBAL   = _CONV$GLOBAL  (PIC),
69 0067 1     PLIT     = _CONV$PLIT    (SHARE,PIC),
70 0068 1     CODE     = _CONV$CODE    (SHARE,PIC);
71 0069 1
72 0070 1 LIBRARY 'SYSS$LIBRARY:LIB.L32';
73 0071 1 REQUIRE 'SRC$:CONVERT';
74 0306 1
75 0307 1 GLOBAL
76 0308 1     CONV$AB_FLAGS : BLOCK [ 4,BYTE ],      ! Flag block
77 0309 1
78 0310 1     ! General Global Variables
79 0311 1     !
80 0312 1     CONV$GW_OUT_MRS      : WORD,           ! Output Max. Rec. Size
81 0313 1     CONV$GW_UDF_MRS      : WORD,           ! BIO (Undefined) Max Rec Size
82 0314 1     CONV$GW_IN_REC_SIZ   : SIGNED WORD,    ! Input Rec. Size + VFC Offset
83 0315 1     CONV$GW_OUT_REC_SIZ  : SIGNED WORD,    ! Output Rec. Size
84 0316 1     CONV$GW_MAX_REC_SIZ  : WORD,           ! Maximum record buffer size
85 0317 1     CONV$GB_CURRENT_FILE : BYTE,           ! Current file being processed
86 0318 1     CONV$GL_REC_BUF_PTR  : LONG,           ! Bottom of Record Buffer
87 0319 1     CONV$GL_VFC_BUF_PTR  : LONG,           ! Bottom of VFC Buffer
88 0320 1     CONV$GL_EOF_VBN       : LONG,           ! End of File VBN
89 0321 1     CONV$AR_PROLOGUE      : REF BLOCK [ ,BYTE ], ! Output file prologue (FAST & SORT)
90 0322 1     CONV$GW_PROLOGUE_SIZ  : WORD,           ! Size in bytes of prologue
91 0323 1     CONV$AR_AREA_BLOCK   : REF BLOCKVECTOR [ ,AREA$C_BLN,BYTE ], ! Prologue area
92 0324 1     CONV$GW_AREA_SIZE    : WORD,
93 0325 1     CONV$GL_FINDFILE_CTX : LONG,           ! Storage handle for LIB$FIND_FILE
94 0326 1     CONV$GB_PROL_V1      : BYTE,           ! Prologue Version 1 Flag
95 0327 1     CONV$GB_PROL_V2      : BYTE,           ! Prologue Version 2 Flag
96 0328 1     CONV$GB_PROL_V3      : BYTE,           ! Prologue Version 3 Flag
97 0329 1
98 0330 1 GLOBAL
99 0331 1     CONV$AL_IN_FILE_NAM    : VECTOR [ 10,LONG ],
100 0332 1     CONV$AR_OUT_FILE_NAM : REF DESC_BLK,
101 0333 1     CONV$AR_FDL_FILE_NAM : REF DESC_BLK,
102 0334 1
103 0335 1     ! FAB's and RAB's
104 0336 1     !
105 0337 1     ! Input and Output files
106 0338 1     !
107 0339 1     CONV$AB_IN_XABFHC     : $XABFHC_DECL,   ! Input File Header Char. Xab
108 0340 1     CONV$AB_IN_XABSUM     : $XABSUM_DECL,   ! Input File Summary Xab
109 0341 1     CONV$AB_IN_NAM        : $NAM_DECL,      ! Input Name Block
110 0342 1     CONV$AB_IN_FAB        : $FAB_DECL,      ! Input File FAB
111 0343 1     CONV$AB_IN_RAB        : $RAB_DECL,      ! Input File RAB
112 0344 1     CONV$AB_OUT_XABSUM    : $XABSUM_DECL,   ! Output File Summary Xab
113 0345 1     CONV$AB_OUT_NAM       : $NAM_DECL,      ! Output Name Block
114 0346 1     CONV$AB_OUT_FAB       : $FAB_DECL,      ! Output File FAB
115 0347 1     CONV$AB_OUT_RAB       : $RAB_DECL,      ! Output File RAB
116 0348 1     CONV$AB_EXC_RAB       : $RAB_DECL,      ! Exception File RAB
117 0349 1 GLOBAL
118 0350 1     !
119 0351 1     ! Variables used in FTN --> STM conversion
120 0352 1
121 0353 1     CONV$GL_STM_BUF,           ! Beginning of STM buffer
```


CONV\$DATA
V04-000

VAX-11 CONVERT
Data Declarations

G 2
15-Sep-1984 23:40:28
14-Sep-1984 12:13:49

VAX-11 Bliss-32 V4.0-742
[CONV.SRC]CONVDATA.B32;1

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; 122

0354 1

CONV\$GL_STM_REC_LEN;

! Length of STM record

CONV\$DATA
V04-000

VAX-11 CONVERT
Data Declarations

H 2
15-Sep-1984 23:40:28
14-Sep-1984 12:13:49

VAX-11 Bliss-32 V4.0-742
[CONV.SRC]CONVDATA.B32;1

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```
: 124      0355 1 !      Shared messages
: 125      0356 1 !
: 126      P 0357 1      $SHR_MSGDEF ( CONV,178,GLOBAL,
: 127      P 0358 1      ( CREATEDSTM,INFO ),
: 128      P 0359 1      ( INSVIRMEM,ERROR );
: 129      P 0360 1      ( OPENIN,ERROR );
: 130      P 0361 1      ( OPENOUT,ERROR );
: 131      P 0362 1      ( READERR,ERROR );
: 132      P 0363 1      ( WRITEERR,ERROR );
: 133      P 0364 1      ( CLOSEIN,ERROR );
: 134      P 0365 1      ( CLOSEOUT,ERROR );
: 135      P 0366 1      ( BADLOGIC,ERROR );
: 136      P 0367 1      ( NOWILD,ERROR );
: 137      P 0368 1      ( VALERR,ERROR );
: 138      0369 1      ( CONFQUAL,ERROR );
: 139      0370 1
: 140      0371 0 END      ELUDOM
```

.TITLE CONV\$DATA VAX-11 CONVERT
.IDENT \V04-000\

.PSECT _CONV\$GLOBAL,NOEXE, PIC,2

```
00000 CONV$AB_FLAGS::
      .BLKB 4
00004 CONV$GW_OUT_MRS::
      .BLRB 2
00006 CONV$GW_UDF_MRS::
      .BLRB 2
00008 CONV$GW_IN_REC_SIZ::
      .BLKB 2
0000A CONV$GW_OUT_REC_SIZ::
      .BLRB 2
0000C CONV$GW_MAX_REC_SIZ::
      .BLRB 2
0000E CONV$GB_CURRENT_FILE::
      .BLKB 1
0000F      .BLKB 1
00010 CONV$GL_REC_BUF_PTR::
      .BLRB 4
00014 CONV$GL_VFC_BUF_PTR::
      .BLRB 4
00018 CONV$GL_EOF_VBN::
      .BLRB 4
0001C CONV$AR_PROLOGUE::
      .BLKB 4
00020 CONV$GW_PROLOGUE_SIZ::
      .BLKB 2
00022      .BLKB 2
00024 CONV$AR_AREA_BLOCK::
      .BLKB 4
00028 CONV$GW_AREA_SIZE::
      .BLKB 2
0002A      .BLKB 2
0002C CONV$GL_FINDFILE_CTX::
      .BLKB 4
```



```

00030 CONV$GB_PROL V1::
      .BLKB 1
00031 CONV$GB_PROL V2::
      .BLKB 1
00032 CONV$GB_PROL V3::
      .BLKB 1
00033      .BLKB 1
00034 CONV$AL_IN_FILE_NAM::
      .B[KB 40
0005C CONV$AR_OUT_FILE_NAM::
      .BLRB 4
00060 CONV$AR_FDL_FILE_NAM::
      .BLRB 4
00064 CONV$AB_IN_XABFHC::
      .B[KB 44
00090 CONV$AB_IN_XABSUM::
      .B[KB 12
0009C CONV$AB_IN_NAM::
      .B[KB 96
000FC CONV$AB_IN_FAB::
      .B[KB 80
0014C CONV$AB_IN_RAB::
      .B[KB 68
00190 CONV$AB_OUT_XABSUM::
      .BLRB 12
0019C CONV$AB_OUT_NAM::
      .BLRB 96
001FC CONV$AB_OUT_FAB::
      .BLRB 80
0024C CONV$AB_OUT_RAB::
      .BLRB 68
00290 CONV$AB_EXC_RAB::
      .BLRB 68
002D4 CONV$GL_STM_BUF::
      .BLRB 4
002D8 CONV$GL_STM_REC_LEN::
      .BLRB 4

```

```

CONV$_CREATEDSTM== 11670267
CONV$_INSVIRMEM== 11670258
CONV$_OPENIN== 11669658
CONV$_OPENOUT== 11669666
CONV$_READERR== 11669682
CONV$_WRITEERR== 11669714
CONV$_CLOSEIN== 11669586
CONV$_CLOSEOUT== 11669594
CONV$_BADLOGIC== 11669794
CONV$_NOWILD== 11669802
CONV$_VALERR== 11669994
CONV$_CONFQUAL== 11670242

```

PSECT SUMMARY

Name

Bytes

Attributes

CONV\$DATA
V04-000

VAX-11 CONVERT
Data Declarations

J 2
15-Sep-1984 23:40:28
14-Sep-1984 12:13:49

VAX-11 Bliss-32 V4.0-742
[CONV.SRC]CONVDATA.B32;1

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: CONV\$GLOBAL
: ABS

732 NOVEC, WRT, RD ,NOEXE,NOSHR, LCL, REL, CON, PIC,ALIGN(2)
0 NOVEC,NOWRT,NORD ,NOEXE,NOSHR, LCL, ABS, CON,NOPIC,ALIGN(0)

Library Statistics

File	----- Total	Symbols Loaded	----- Percent	Pages Mapped	Processing Time
_\$255\$DUA28:[SYSLIB]LIB.L32;1	18619	28	0	1000	00:01.7

COMMAND QUALIFIERS

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

: Size: 0 code + 732 data bytes
: Run Time: 00:05.7
: Elapsed Time: 00:20.7
: Lines/CPU Min: 3939
: Lexemes/CPU-Min: 24382
: Memory Used: 66 pages
: Compilation Complete

0065 AH-BT13A-SE
VAX/VMS V4.0

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