

FFFFFFFFFFFFFF	DDDDDDDDDDDD		LLL
FFFFFFFFFFFFFF	DDDDDDDDDDDD		LLL
FFFFFFFFFFFFFF	DDDDDDDDDDDD		LLL
FFF	DDD	DDD	LLL
FFF	DDD	DDD	LLL
FFF	DDD	DDD	LLL
FFF	DDD	DDD	LLL
FFF	DDD	DDD	LLL
FFF	DDD	DDD	LLL
FFFFFFFFFFFFFF	DDD	DDD	LLL
FFFFFFFFFFFFFF	DDD	DDD	LLL
FFFFFFFFFFFFFF	DDD	DDD	LLL
FFF	DDD	DDD	LLL
FFF	DDD	DDD	LLL
FFF	DDD	DDD	LLL
FFF	DDD	DDD	LLL
FFF	DDD	DDD	LLL
FFF	DDD	DDD	LLL
FFF	DDDDDDDDDDDD		LLLLLLLLLLLLLLLL
FFF	DDDDDDDDDDDD		LLLLLLLLLLLLLLLL
FFF	DDDDDDDDDDDD		LLLLLLLLLLLLLLLL

TITLE 'VAX-11 FDL Utilities'

Version: 'V04-000'

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Facility: VAX-11 RMS FDL Utilities
Environment: VAX/VMS Operating System
Abstract: FDL Utilities Require file

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Author: Keith B Thompson Created: Sometime-1981

Modified By:

V03-003	KFH0002	Ken Henderson	2 Dec 1982
	Added GENTAB macro		
V03-002	KFH0001	Ken Henderson	19 Oct 1982
	Added INVBLK error code		
V03-001	KBT0031	Keith Thompson	31-Mar-1982
	Add invdatim error code		

MACRO

GENTAB (SEC, FAO, FULL, DTYPE, WHICH, BTYPE, BOFF) =

```

[ %NAME ( 'FDLSC_', SEC ), FDL$V_SEC_FAO ] = UPLIT BYTE ( %ASCIC FAO ),
[ %NAME ( 'FDLSC_', SEC ), FDL$V_FULL_ONLY ] = FULL,
[ %NAME ( 'FDLSC_', SEC ), FDL$V_DATA_TYPE ] = %NAME ( 'FDLSC_', DTYPE ),
[ %NAME ( 'FDLSC_', SEC ), FDL$V_WHICH_PRI ] = %NAME ( 'FDLSC_', WHICH ),
[ %NAME ( 'FDLSC_', SEC ), FDL$V_BLK_TYPE ] = %NAME ( 'FDLSC_', BTYPE ),
[ %NAME ( 'FDLSC_', SEC ), FDL$V_SEC_BOFF ] =
  $BYTEOFFSET ( %NAME ( BTYPE, 'S', BOFF ) ),
[ %NAME ( 'FDLSC_', SEC ), FDL$V_SEC_POS ] =
  $BITPOSITION ( %NAME ( BTYPE, 'S', BOFF ) ) %,

```

```

DESC_BLK =
  BLOCK [ 8, BYTE ]%,

```

```

DESCRIPTOR ( STRING ) =
  UPLIT ( %CHARCOUNT(STRING), UPLIT BYTE(STRING) )%,

```

```

ERRCHK ( SERVICE, ERROR ) =
  BEGIN
  LOCAL STATUS;
  IF ( NOT ( STATUS = SERVICE ) )
  THEN
    BEGIN
    SIGNAL( ERROR
      %IF %LENGTH GTR 2 %THEN ,%REMAINING
      %FI );
    RETURN .STATUS
    END;
  END%,

```

```

RET_ON_ERROR ( SERVICE ) =
  BEGIN
  LOCAL STATUS;
  IF ( NOT ( STATUS = SERVICE ) )
  THEN
    RETURN .STATUS
  END%,

```

```

_SET = 1%,
_CLEAR = 0%;

```

```

: Linkages

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```

LINKAGE JSB_LINK = JSB;

```

```

: Global literals

```

```

LITERAL

```

```

: Buffer Sizes

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```

KEYNAME_LENGTH = 32,

```


! FDLSPARSE junk

MACRO

TPARSE_ARGS =
BUILTIN AP;
BIND TPARSE_BLOCK = AP : REF BLOCK [,BYTE]; %;

LITERAL FABSC_STR = 1;

LITERAL

FDLSC_PRI_BLK_SIZE = 2;
FDLSC_SEC_BLK_SIZE = 3;

FIELD

PRITAB_FIELDS =
SET
FDLSV_PRI_FAO = [0,0,32,0],
FDLSV_IDENT_STR = [1,0,1,0],
FDLSV_NUM_ATTACH = [1,1,1,0],
FDLSV_PRI_FILL = [1,2,6,0],
FDLSV_PRI_SPARE = [1,8,8,0],
FDLSV_PRI_BOFF = [1,16,16,0]
TES,

SECTAB_FIELDS =
SET
FDLSV_SEC_FAO = [0,0,32,0],
FDLSV_FULC_ONLY = [1,0,1,0],
FDLSV_FILL = [1,1,7,0],
FDLSV_DATA_TYPE = [1,8,8,0],
FDLSV_WHICH_PRI = [1,16,8,0],
FDLSV_BLK_TYPE = [1,24,8,0],
FDLSV_SEC_BOFF = [2,0,16,0],
FDLSV_SEC_POS = [2,16,16,0]
TES;

F

V

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