


```
EEEEEEEEEE DDDDDDDD TTTTTTTTTT RRRRRRRR EEEEEEEEEE QQQQQQ
EEEEEEEEEE DDDDDDDD TTTTTTTTTT RRRRRRRR EEEEEEEEEE QQQQQQ
EE          DD        DD        TT        RR          RR    EE          QQ      QQ
EE          DD        DD        TT        RR          RR    EE          QQ      QQ
EE          DD        DD        TT        RR          RR    EE          QQ      QQ
EEEEEEEEEE DD        DD        TT        RRRRRRRR EEEEEEEEEE QQ      QQ
EEEEEEEEEE DD        DD        TT        RRRRRRRR EEEEEEEEEE QQ      QQ
EE          DD        DD        TT        RR  RR    EE          QQ  QQ  QQ
EE          DD        DD        TT        RR  RR    EE          QQ  QQ  QQ
EE          DD        DD        TT        RR    RR  EE          QQ    QQ
EEEEEEEEEE DDDDDDDD TT        RR    RR  EEEEEEEEEE QQQQ  QQ
EEEEEEEEEE DDDDDDDD TT        RR    RR  EEEEEEEEEE QQQQ  QQ
```

```
RRRRRRRR EEEEEEEEEE QQQQQQ
RRRRRRRR EEEEEEEEEE QQQQQQ
RR        EE          QQ      QQ
RR        EE          QQ      QQ
RR        EE          QQ      QQ
RR        EE          QQ      QQ
RRRRRRRR EEEEEEEEEE QQ      QQ
RRRRRRRR EEEEEEEEEE QQ      QQ
RR  RR    EE          QQ  QQ  QQ
RR  RR    EE          QQ  QQ  QQ
RR        EE          QQ      QQ
RR        EE          QQ      QQ
RR        EEEEEEEEEE QQQQ  QQ
RR        EEEEEEEEEE QQQQ  QQ
```

File: EDTREQ.REQ

```
*****
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```

++
FACILITY: EDT version V04-000

ABSTRACT:

This is the common require file for EDT. All modules must require this file.

ENVIRONMENT: EDT enviroroment

AUTHOR: Bob Kushlis, CREATION DATE: 6-AUG-1979

MODIFIED BY:

- 1-001 Added REQUIRE for the translation from long external names to short ones, for the PDP-11 task builder. JBS 12-Feb-1981.
- 1-002 Changed external addressing mode to GENERAL. JBS 12-Feb-1981
- 1-003 Made PSECT declarations conform to modular programming standard, on VAX-11 only. JBS 12-Feb-1981
- 1-004 - Removed LIBRARY EDT, using the require file instead. Later we will convert back to a library file. JBS 27-Mar-1981
- 1-005 - Add EDT\$\$MOVE MEMORY. JBS 21-Apr-1981
- 1-006 - Change EDT\$\$MOVE MEMORY to EDT\$\$CPY MEM. JBS 22-Apr-1981
- 1-007 - Make EDT\$\$CPY MEM always a macro. JBS 22-Apr-1981
- 1-008 - Change E\$MOV to E_MOV. JBS 05-May-1981
- 1-009 - Make EDT\$\$CPY MEM return a value. JBS 08-May-1981
- 1-010 - Change REQUIRE to LIBRARY. JBS 19-May-1982
- 1-011 - Add conditional compilation for some EDT features, so we can see how much address space they consume on the PDP-11. JBS 10-Feb-1983
- 1-012 - Move the conditional compilation stuff to a separate file. JBS 10-Feb-1983

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! 1-013 - Update the copyright notice. JBS 21-Jun-1983
! --

```
LIBRARY 'EDT SRC:EDT';
```

```
!+  
! Addressing_mode declarations  
!-
```

```
%IF %BLISS (BLISS32)  
%THEN
```

```
SWITCHES ADDRESSING_MODE (EXTERNAL = GENERAL, NONEXTERNAL = WORD_RELATIVE);
```

```
%FI
```

```
!+  
! Psect declarations  
!-
```

```
%IF %BLISS (BLISS32)  
%THEN
```

```
LIBRARY 'EDT SRC:PSECTS';
```

```
DECLARE_PSECTS (EDT);  
%ELSE
```

```
%IF %BLISS (BLISS16)  
%THEN
```

```
PSECT  
  CODE = $CODE(EXECUTE, NOWRITE, LOCAL, CONCATENATE),  
  PLIT = $PLIT(NOEXECUTE, NOWRITE, LOCAL, CONCATENATE),  
  OWN = $DATA(NOEXECUTE, WRITE, LOCAL, CONCATENATE),  
  GLOBAL = $GLOB(NOEXECUTE, WRITE, LOCAL, CONCATENATE);
```

```
%FI
```

```
%FI
```

```
!+  
! For the PDP-11 only, define a macro for each external symbol. These macros  
! will equate a unique, 6-character name to each long name used in the EDT  
! source code, for the PDP-11's task builder.  
!-
```

```
%IF %BLISS (BLISS16)  
%THEN
```

```
LIBRARY 'EDT SRC:TRANAMES';
```

```
%FI
```

```
!+  
! Define the EDT$SCPY_MEM macro, which moves the contents of one  
! memory area to another. If there is overlap, the effect is as  
! though the storage was first all fetched, then all stored. On
```

! VAX-11, this is done with the MOVC3 instruction, but on PDP-11s it
! is done by calling a routine. The value returned is the address of
! the first byte after the last byte of the destination.
!-

MACRO
EDT\$\$CPY_MEM (LEN, SRC, DST) =

%IF %BLISS(BLISS32) %THEN

CH\$MOVE (LEN, SRC, DST)

%ELSE

BEGIN
EXTERNAL ROUTINE E MOV;
E MOV (LEN, SRC, DST)
END

%FI

%;

! End of file EDTREQ.REQ

