



```
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  QQ
EEEEEEEEEE DDDDDDDD TT          RR          RR      EEEEEEEEEE QQQQ  QQ
EEEEEEEEEE DDDDDDDD TT          RR          RR      EEEEEEEEEE QQQQ  QQ
```

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

File: EDTREQ.REQ

```

*****
*
* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
* DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
* ALL RIGHTS RESERVED.
*
* THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
* ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
* INCLUSION OF THE ABOVE COPYRIGHT NOTICE THIS SOFTWARE OR ANY OTHER
* COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
* OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
* TRANSFERRED.
*
* THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
* AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
* CORPORATION.
*
* DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
* SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
*
*****

```

♦♦ FACILITY: EDT version V04-000

ABSTRACT:

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

ENVIRONMENT: EDT environment

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\$COPY MEM. JBS 22-Apr-1981
- 1-007 - Make EDT\$COPY MEM always a macro. JBS 22-Apr-1981
- 1-008 - Change E\$MOV to E MOV. JBS 05-May-1981
- 1-009 - Make EDT\$COPY 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

EDTREQ.REQ;1

16-SEP-1984 16:49:56.<sup>L</sup><sup>1</sup>77 Page 2

:\_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)

%ELSEF

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

%FI

%;

! End of file EDTREQ.REQ

