

File created: 9-May-88 23:30:31 {ERINYES}<LISPUSERS>MEDLEY>TEK4010.;1

previous date: 8-May-85 12:20:13 {ERINYES}<LISPUSERS>LYRIC>TEK4010.;1

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

::  
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(RPAQQ **TEK4010COMS** ((FNS GLOMHI&LO TEK.DRAWTO TEK.MOVETO TEK4010.INTERP)  
(MACROS ->NEXTSTATE \BIN7BITS)  
(VARS TEKPTSPERPOINT)))

(DEFINEQ

(**GLOMHI&LO**

[LAMBDA (HIBYTE LOBYTE)  
(IPLUS LOBYTE (LLSH HIBYTE 5])

(\* hdj "10-Sep-84 14:32")

(**TEK.DRAWTO**

[LAMBDA (X Y WIDTH OPERATION STREAM)  
(DRAWTO (IQUOTIENT X TEKPTSPERPOINT)  
(IQUOTIENT Y TEKPTSPERPOINT)  
WIDTH OPERATION STREAM])

(\* AJB "18-Mar-85 16:16")

(**TEK.MOVETO**

[LAMBDA (X Y STREAM)  
(MOVETO (IQUOTIENT X TEKPTSPERPOINT)  
(IQUOTIENT Y TEKPTSPERPOINT)  
STREAM])

(\* AJB "18-Mar-85 16:16")

(**TEK4010.INTERP**

[LAMBDA (INSTREAM OUTSTREAM)  
(PROG (CURRSTATE PREVSTATE INBYTE HI2BITS LO5BITS HIX LOX HIY LOY DRAWP)  
(\* AJB "27-Mar-85 12:55")  
(\* start out by moving, not drawing)  
  
(SETQ PREVSTATE @ALPHASTATE)  
(SETQ CURRSTATE @ALPHASTATE)  
@ALPHASTATE  
(\BIN7BITS INSTREAM INBYTE HI2BITS LO5BITS)  
(COND  
((ZEROP HI2BITS)  
(->NEXTSTATE @ALPHA.CTRLSTATE))  
(T (BOUT OUTSTREAM INBYTE)  
(->NEXTSTATE @ALPHASTATE))))  
@GRAPHICSSTATE  
(SETQ DRAWP NIL)  
(\BIN7BITS INSTREAM INBYTE HI2BITS LO5BITS)  
(SELECTQ HI2BITS  
(0 (->NEXTSTATE @GRAPHICS.CTRLSTATE))  
(1 (->NEXTSTATE @HIYSTATE))  
(2 (->NEXTSTATE @LOXSTATE))  
(3 (->NEXTSTATE @LOYSTATE))  
NIL)  
@HIYSTATE  
(SETQ HIY LO5BITS)  
(\BIN7BITS INSTREAM INBYTE HI2BITS LO5BITS)  
(SELECTQ HI2BITS  
(0 (->NEXTSTATE @GRAPHICS.CTRLSTATE))  
(1 (->NEXTSTATE @HIYSTATE))  
(2 (->NEXTSTATE @LOXSTATE))  
(3 (->NEXTSTATE @LOYSTATE))  
NIL)  
@LOYSTATE  
(SETQ LOY LO5BITS)  
(\BIN7BITS INSTREAM INBYTE HI2BITS LO5BITS)  
(SELECTQ HI2BITS  
(0 (->NEXTSTATE @GRAPHICS.CTRLSTATE))  
(1 (->NEXTSTATE @HIXSTATE))  
(2 (->NEXTSTATE @LOXSTATE))  
(3 (->NEXTSTATE @LOYSTATE))  
NIL)  
@HIXSTATE  
(SETQ HIX LO5BITS)  
(\BIN7BITS INSTREAM INBYTE HI2BITS LO5BITS)  
(SELECTQ HI2BITS  
(0 (->NEXTSTATE @GRAPHICS.CTRLSTATE))  
(1 (->NEXTSTATE @HIYSTATE))  
(2 (->NEXTSTATE @LOXSTATE))  
(3 (->NEXTSTATE @LOYSTATE))



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