



(\* \* shouldn't be called)

(\* (SHOULDNT "why are you copying a keyobj?"))

(KEYOBJ.CREATE (IMAGEOBJPROP IMAGEOBJ (QUOTE KEYNAME))  
TOSTREAM])

**(KEYOBJ.CREATE**

(\* gbn "19-Nov-85 12:05")

[LAMBDA (KEYNAME KEYLABEL ABORTABLE)  
(PROG ((KEYOBJ (IMAGEOBJCREATE NIL KEYOBJ.IMAGEFNS))  
BITMAP  
(KEYLABEL (OR KEYLABEL KEYNAME))  
DS)  
(IMAGEOBJPROP KEYOBJ (QUOTE STATE)  
(QUOTE UP))  
(IMAGEOBJPROP KEYOBJ (QUOTE KEYNUMBER)  
(\KEYNAMETONUMBER KEYNAME))  
(IMAGEOBJPROP KEYOBJ (QUOTE KEYNAME)  
KEYNAME)  
(IMAGEOBJPROP KEYOBJ (QUOTE KEYLABEL)  
KEYLABEL)  
(IMAGEOBJPROP KEYOBJ (QUOTE ABORTABLE)  
ABORTABLE)  
(KEYOBJ.INSTALL.BITMAP KEYOBJ)  
(SETQ BITMAP (IMAGEOBJPROP KEYOBJ (QUOTE BITMAP)))  
(IMAGEOBJPROP KEYOBJ (QUOTE IMAGEBOX)  
(create IMAGEBOX  
XSIZE \_ (BITMAPWIDTH BITMAP)  
YSIZE \_ (BITMAPHEIGHT BITMAP)  
YDESC \_ 0  
XKERN \_ 0))  
(RETURN KEYOBJ])

**(KEYOBJ.DISPLAYFN**

(\* jds "10-Jan-85 01:02")

[LAMBDA (KEYOBJ IMAGE.STREAM MODE TEXTSTREAM OFFSETS0?)

(\* function which displays the bitmap of the hrule on the display or calls an {inter}press function to draw the rule on a file)

(PROG [[SOURCETYPE (SELECTQ (IMAGEOBJPROP KEYOBJ (QUOTE STATE))  
(UP (QUOTE INPUT))  
(DOWN (QUOTE INVERT))  
(ERROR "Illegal state in KEYOBJ" (IMAGEOBJPROP KEYOBJ (QUOTE STATE))  
(BITMAP (IMAGEOBJPROP KEYOBJ (QUOTE BITMAP]) (\* (IMAGE.STREAM (IMAGEOBJPROP KEYOBJ  
(QUOTE WINDOW))))  
(SELECTQ (IMAGESTREAMTYPE IMAGE.STREAM)  
(DISPLAY (\* (PROMPTPRINT (CONCAT (IMAGEOBJPROP KEYOBJ  
(QUOTE STATE)) "CLIP " (DSPCLIPPINGREGION NIL  
IMAGE.STREAM) " OFFSETS" (DSPXOFFSET NIL  
IMAGE.STREAM) " " (DSPYOFFSET NIL IMAGE.STREAM) " X  
AND Y POS " (DSPXPOSITION NIL IMAGE.STREAM) " "  
(DSPYPOSITION NIL IMAGE.STREAM))  
(INVERTW IMAGE.STREAM))  
(if OFFSETS0?  
then (BITBLT BITMAP NIL NIL IMAGE.STREAM 0 0 NIL NIL SOURCETYPE (QUOTE REPLACE))  
else (BITBLT BITMAP NIL NIL IMAGE.STREAM (DSPXPOSITION NIL IMAGE.STREAM)  
(DSPYPOSITION NIL IMAGE.STREAM)  
NIL NIL SOURCETYPE (QUOTE REPLACE)))]  
(ERROR "NO OTHER STREAMS DEFINED FOR KEYOBJ.DISPLAYFN"]])

**(KEYOBJ.GETFN**

(\* gbn "27-Jan-85 23:36")

[LAMBDA (INPUT.STREAM TEXTSTREAM)

(\* \* just reads the keyname and calls keyobj.create)

(KEYOBJ.CREATE (READ INPUT.STREAM)  
(READ INPUT.STREAM])

**(KEYOBJ.IMAGEBOXFN**

(\* gbn "9-Jan-85 21:35")

[LAMBDA (KEYOBJ IMAGE.STREAM CURRENT.X RIGHT.MARGIN)

(\* \* since all keyobjs have constant dimensions, they are cached as the imagebox prop)

(IMAGEOBJPROP KEYOBJ (QUOTE IMAGEBOX])

**(KEYOBJ.IMAGESTREAMTYPE**

(\* gbn "13-May-84 12:38")

(\* hack until imagestreamtype works)

[LAMBDA (STREAM)

(if (STKPOS (QUOTE TEDIT.HARDCOPY))  
then (QUOTE INTERPRESS)  
else (QUOTE DISPLAY])

**(KEYOBJ.INSTALL.BITMAP**

(\* edited: "18-Jan-85 18:52")

[LAMBDA (KEYOBJ)



{MEDLEY}<lispusers>KEYOBJ.;1

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"MF@@@@@@@@@@@@@@@@@DC" "NJ@@@@@@@@@@@@@@@@@DC" "MF@@@@@@@@@@@@@@@@@DC" "NK@@@@@@@@@@@@@@@@@LC"
"ME@@@@@@@@@@@@@@@@@HC" "NKH@@@@@@@@@@@@@@@@@AC" "OBN@@@@@@@@@@@@@@@@@GHG" "NDKOOOOOOOOOOONLG"
"OIAEEEEEEEEEEEEEEFG" "OBBJJJJJJJJJJJKO" "OLEEEEEEEEEEEEEEEEO" "ONBJJJJJJJJJJJOO"
"OOOOOOOOOOOOOOOOO" "OOOOOOOOOOOOOOOOO")
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(PUTPROPS **KEYOBJ COPYRIGHT** ("Xerox Corporation" 1985))

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