

File created: 15-Jun-90 17:09:55 {DSK}<usr>local>lde>lispcore>internal>library>LARGESKETCHPATCH.;2

changes to: (VARS LARGESKETCHPATCHCOMS)

previous date: 27-Feb-87 18:22:14 {DSK}<usr>local>lde>lispcore>internal>library>LARGESKETCHPATCH.;1

Read Table: XCL

Package: INTERLISP

Format: XCCS

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(RPAQQ LARGESKETCHPATCHCOMS ((FNS SKIO.IMAGEBOXFN \\SKIO.IN.TOO.SMALL.TEDITP)))

(DEFINEQ

(SKIO.IMAGEBOXFN

(LAMBDA (IMAGEOBJ STREAM)

; Edited 27-Feb-87 18:04 by rrb

(* |size| |function| |for| \\a |sketch| |image| |object|.|)

(PROG ((SKOBJ (IMAGEOBJPROP IMAGEOBJ 'OBJECTDATUM))
SKREG SKW SKH SCALEFACTOR)

(* |determine| |the| |scale| |between| |the| |sketch| |specs| |and|
|the| |stream|.|)

(SETQ SCALEFACTOR (QUOTIENT (|fetch| (SKETCHIMAGEOBJ SKIO.SCALE) |of| SKOBJ)
(DSPSCALE NIL STREAM)))

(SETQ SKW (FIXR (FQUOTIENT (|fetch| (REGION WIDTH) |of| (SETQ SKREG (|fetch| (SKETCHIMAGEOBJ SKIO.REGION)
|of| SKOBJ)))

SCALEFACTOR)))

(SETQ SKH (FIXR (FQUOTIENT (|fetch| (REGION HEIGHT) |of| SKREG)
SCALEFACTOR)))

(RETURN (COND
(\\SKIO.IN.TOO.SMALL.TEDITP STREAM SKH)

(* |special| |check| |for| |displaying| |in| \\a |Tedit| |window| |that| |is| |less| |than| |the| |height| |of| |the| |sketch|. |
|leave| |enough| |height| |for| \\a |few| |lines| |of| |text| |too|.|)

(|create| IMAGEBOX

XSIZE _ SKW

YSIZE _ (IMAX 12 (DIFFERENCE (|fetch| (REGION HEIGHT) |of| (DSPCLIPPINGREGION NIL
STREAM))

24))

YDESC _ 0

XKERN _ 0))

(T (|create| IMAGEBOX

XSIZE _ SKW

YSIZE _ SKH

YDESC _ 0

XKERN _ 0))))))

(\\SKIO.IN.TOO.SMALL.TEDITP

(LAMBDA (STREAM HEIGHT)

; Edited 27-Feb-87 18:19 by rrb

(* |is| |this| |stream| \\a |TEDIT| |window| |that| |is| |smaller| |than|
|height|.|)

(AND (DISPLAYSTREAMP STREAM)

(WINDOWPROP (WFROMDS STREAM)
'TEXTOBJ)

(GREATERP HEIGHT (|fetch| (REGION HEIGHT) |of| (DSPCLIPPINGREGION NIL STREAM))))))

)

(PUTPROPS LARGESKETCHPATCH COPYRIGHT ("Venue & Xerox Corporation" 1987 1990))

FUNCTION INDEX

SKIO.IMAGEBOXFN	1	\\SKIO.IN.TOO.SMALL.TEDITP	1
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