

File created: 8-Jan-87 17:20:45 {QV}<NOTECARDS>1.3L>LIBRARY>SHAPETOFIT.;2

changes to: (VARS SHAPETOFITCOMS)

previous date: 8-Jan-87 17:05:02 {QV}<NOTECARDS>1.3L>LIBRARY>SHAPETOFIT.;1

Read Table: XCL

Package: INTERLISP

Format: XCCS

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(RPAQQ SHAPETOFITCOMS

(

;;; tries to save away a region that just fits the substance at card close time

```
(INITVARS |NC.MaxSEditLength| SCREENHEIGHT |NC.MaxSEditWidth| (IQUOTIENT SCREENWIDTH 2))
(FNS |NC.SetRegionToFit|)
(P (ADVISE '(|NC.SetSavedRegion| IN |NC.QuitCard|
'AROUND
'(|NC.SetRegionToFit| |Card| |Window|))))
```

;;; tries to save away a region that just fits the substance at card close time

(RPAQ? |NC.MaxSEditLength| NIL)

(RPAQ? SCREENHEIGHT NIL)

(RPAQ? |NC.MaxSEditWidth| NIL)

(RPAQ? IQUOTIENT SCREENWIDTH 2)

(DEFINEQ

(|NC.SetRegionToFit|

(LAMBDA (|Card| |Window|)

; Edited 30-Dec-86 00:49 by kirk:

(* * |adjusts| |the| |region| |to| |fit| |the| |extent|.)

```
(LET* ((|Extent| (WINDOWPROP |Window| 'EXTENT))
(|Region| (WINDOWPROP |Window| 'REGION)))
```

;; what we also want here is the extent bottom that will maintain the same same Region top. So new bottom + extent's height = region's
;; bottom + region's height. Thus new bottom = region's bottom + region's height - extent's height.

```
(|NC.SetSavedRegion| |Card| (|if| (AND |Extent| (ILESSP (|fetch| HEIGHT |of| |Extent|)
|NC.MaxSEditLength|))
|then| (CREATEREGION (|fetch| LEFT |of| |Region|)
(IPLUS (|fetch| BOTTOM |of| |Region|)
(|fetch| HEIGHT |of| |Region|)
(MINUS (|fetch| HEIGHT |of| |Extent|))))
(MAX (|fetch| WIDTH |of| |Region|)
(MIN (|fetch| WIDTH |of| |Extent|)
|NC.MaxSEditWidth|))
(IPLUS (|fetch| HEIGHT |of| |Extent|)
(|fetch| HEIGHT |of| |Region|)
(MINUS (WINDOWPROP |Window| 'HEIGHT)
10))
|else| |Region|))))
```

)

(ADVISE '(|NC.SetSavedRegion| IN |NC.QuitCard|

'AROUND

'(|NC.SetRegionToFit| |Card| |Window|))

(PUTPROPS SHAPETOFIT COPYRIGHT ("Xerox Corporation" 1987))

FUNCTION INDEX

|NC.SetRegionToFit|1

VARIABLE INDEX

IQUOTIENT1 |NC.MaxSEditWidth|1 SHAPETOFITCOMS1
|NC.MaxSEditLength|1 SCREENHEIGHT1
