

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

; Copyright (c) 1987 by Xerox Corporation. All rights reserved.

```
(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

```
(RPAQQ? |NC.MaxSEditLength| NIL)
```

```
(RPAQQ? SCREENHEIGHT NIL)
```

```
(RPAQQ? |NC.MaxSEditWidth| NIL)
```

```
(RPAQQ? 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	
