

File created: 21-Jul-88 11:16:07 {MCS:MCS:STANFORD}<LANE>COURIERDEFS.;4

changes to: (VARS COURIERDEFSCOMS)

previous date: 15-Sep-87 11:22:40 {MCS:MCS:STANFORD}<LANE>COURIERDEFS.;3

Read Table: INTERLISP

Package: INTERLISP

Format: XCCS

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```
(RPAQQ COURIERDEFSCOMS ((FNS READCOURIERATOM READCOURIERBRUSH READCOURIERFONT WRITECOURIERFONT
WRITECOURIERBRUSH READCOURIERNUMBER WRITECOURIERNUMBER READCOURIERPOSITION
WRITECOURIERPOSITION READCOURIERTEXTURE WRITECOURIERTEXTURE)
(PROP COURIERDEF ATOM BRUSH FONT NUMBER POSITION TEXTURE)
(COURIERPROGRAMS INTERLISP)))
```

(DEFINEQ

(READCOURIERATOM

```
[LAMBDA (STREAM PROGRAM TYPE)
(MKATOM (COURIER.READ.STRING STREAM])
```

(* cdl "10-Nov-85 17:16")

(READCOURIERBRUSH

```
[LAMBDA (STREAM PROGRAM TYPE)
```

(* cdl "21-Nov-85 19:10")
(* DECLARATIONS%: (RECORD ITEM
(TYPENAME VALUE)))

```
(with ITEM (COURIER.READ STREAM 'INTERLISP 'LISPBRUSH)
(SELECTQ TYPENAME
(NIL NIL)
((NUMBERP BRUSH)
VALUE)
(SHOULDNT]))
```

(READCOURIERFONT

```
[LAMBDA (STREAM PROGRAM TYPE)
(FONTCREATE (COURIER.READ STREAM 'INTERLISP 'FONTRECORD])
```

(* cdl " 5-Dec-85 19:01")

(WRITECOURIERFONT

```
[LAMBDA (STREAM FONT PROGRAM TYPE)
(COURIER.WRITE STREAM (COURIER.CREATE (INTERLISP . FONTRECORD)
FAMILY _ (FONTPROP FONT 'FAMILY)
SIZE _ (FONTPROP FONT 'SIZE)
FACE _ (FONTPROP FONT 'FACE)
ROTATION _ (FONTPROP FONT 'ROTATION)
DEVICE _ (FONTPROP FONT 'DEVICE))
' INTERLISP
' FONTRECORD])
```

(* cdl " 6-Feb-86 19:01")

(WRITECOURIERBRUSH

```
[LAMBDA (STREAM ITEM PROGRAM TYPE)
(COURIER.WRITE STREAM (if (NULL ITEM)
then ' (NIL 0)
elseif (NUMBERP ITEM)
then (LIST 'NUMBERP ITEM)
elseif (LISTP ITEM)
then [until [GEQ (LENGTH ITEM)
(CONSTANT (LENGTH (RECORDFIELDNAMES 'BRUSH)
do (SETQ ITEM (APPEND ITEM ' (NIL)
(LIST 'BRUSH ITEM)
else (SHOULDNT))
' INTERLISP
' LISPBRUSH]) ; Edited 3-Sep-87 09:54 by cdl
```

(READCOURIERNUMBER

```
[LAMBDA (STREAM PROGRAM TYPE)
```

(* cdl "13-Oct-85 12:50")
(* DECLARATIONS%: (RECORD ITEM
(TYPENAME VALUE)))

```
(with ITEM (COURIER.READ STREAM 'INTERLISP 'LISPNUMBER)
(SELECTQ TYPENAME
(NIL NIL)
(NUMBERP VALUE)
(SHOULDNT]))
```

(WRITECOURIERNUMBER

```
[LAMBDA (STREAM ITEM PROGRAM TYPE)
```

(* cdl "13-Oct-85 13:31")

```
(COURIER.WRITE STREAM (if (NULL ITEM)
                          then ' (NIL 0)
                          elseif (NUMBERP ITEM)
                          then (LIST 'NUMBERP ITEM)
                          else (SHOULDNT))
 ' INTERLISP
 ' LISPNUMBER))
```

(READCOURIERPOSITION

```
[LAMBDA (STREAM PROGRAM TYPE) (* cdl "21-Nov-85 18:47")
 (create POSITION
 XCOORD _ (COURIER.READ STREAM PROGRAM 'NUMBER)
 YCOORD _ (COURIER.READ STREAM PROGRAM 'NUMBER))
```

(WRITECOURIERPOSITION

```
[LAMBDA (STREAM ITEM PROGRAM TYPE) (* cdl "21-Nov-85 18:46")
 (with POSITION ITEM (COURIER.WRITE STREAM XCOORD PROGRAM 'NUMBER)
 (COURIER.WRITE STREAM YCOORD PROGRAM 'NUMBER))
```

(READCOURIERTEXTURE

```
[LAMBDA (STREAM PROGRAM TYPE) ; Edited 15-Sep-87 11:18 by cdl
 (LOGOR (LLSH (BIN STREAM)
             BITSPERBYTE)
 (BIN STREAM))
```

(WRITECOURIERTEXTURE

```
[LAMBDA (STREAM SHADE PROGRAM TYPE) ; Edited 15-Sep-87 11:22 by cdl
 (SETQ SHADE (SELECTQ SHADE
 (T BLACKSHADE)
 (NIL WHITESHADE)
 (if (NUMBERP SHADE)
      then SHADE
      else BLACKSHADE)))
 (BOUT STREAM (LRSH SHADE BITSPERBYTE))
 (BOUT STREAM (LOGAND SHADE (MASK.1'S 0 BITSPERBYTE))
```

```
)
(PUTPROPS ATOM COURIERDEF (READCOURIERATOM COURIER.WRITE.STRING))
(PUTPROPS BRUSH COURIERDEF (READCOURIERBRUSH WRITECOURIERBRUSH))
(PUTPROPS FONT COURIERDEF (READCOURIERFONT WRITECOURIERFONT))
(PUTPROPS NUMBER COURIERDEF (READCOURIERNUMBER WRITECOURIERNUMBER))
(PUTPROPS POSITION COURIERDEF (READCOURIERPOSITION WRITECOURIERPOSITION))
(PUTPROPS TEXTURE COURIERDEF (READCOURIERTEXTURE WRITECOURIERTEXTURE))
```

```
(COURIERPROGRAM INTERLISP (1100 0)
TYPES
 [(REGION (SEQUENCE INTEGER))
 (FONTRECORD (RECORD (FAMILY ATOM)
 (SIZE CARDINAL)
 (FACE FONTFACE)
 (ROTATION NUMBER)
 (DEVICE ATOM)))
 [FONTFACE (RECORD (WEIGHT (ENUMERATION (LIGHT 0)
 (MEDIUM 1)
 (BOLD 2)))
 (SLOPE (ENUMERATION (REGULAR 0)
 (ITALIC 1)))
 (EXPANSION (ENUMERATION (REGULAR 0)
 (COMPRESSED 1)
 (EXPANDED 2]
 (OPERATION (ENUMERATION (NIL 0)
 (REPLACE 1)
 (PAINT 2)
 (INVERT 3)
 (ERASE 4)))
 (LISPNUMBER (CHOICE (NIL 0 UNSPECIFIED)
 (NUMBERP 1 INTEGER)))
 (LISPBRUSH (CHOICE (NIL 0 UNSPECIFIED)
 (NUMBERP 1 CARDINAL)
 (BRUSH 2 (RECORD (BRUSHSHAPE ATOM)
 (BRUSHSIZE NUMBER)
 (BRUSHCOLOR NUMBER]
```

PROCEDURES

NIL

ERRORS

NIL)

{MEDLEY}<lispusers>COURIERDEFS.;1

(PUTPROPS **COURIERDEFS COPYRIGHT** ("Xerox Corporation & Stanford University" 1985 1986 1987 1988))

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