

**PrtGfx**

COLLABORATORS

	TITLE : PrtGfx		
ACTION	NAME	DATE	SIGNATURE
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REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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# Chapter 1

## PrtGfx

### 1.1 PrtGfx

Konstanten

black	blue	cyan
green	magenta	red
white	yellow	

Typ-Deklarationen

ColorEntry	ColorEntryPtr	PrtInfo
PrtInfoPtr		

### 1.2 TMP:Modula-2/PrtGfx.def

```
DEFINITION MODULE PrtGfx; (*$Implementation:=FALSE*)
(* 07-May-1992/cn *)
```

```
FROM SYSTEM IMPORT ADDRESS;
```

```
FROM GraphicsD IMPORT
  RastPortPtr ;
```

```
CONST
  yellow=0;
  magenta=1;
  cyan=2;
  black=3;

  blue=yellow;
  green=magenta;
  red=cyan;
  white=black;
```

```
TYPE
  ColorEntry =RECORD
    CASE :INTEGER OF
```

```
|0: colorLong:LONGCARD;  
|1: colorByte: ARRAY [0..3] OF SHORTCARD;  
|2: colorSByte:ARRAY [0..3] OF SHORTINT;  
END;  
END;  
ColorEntryPtr =POINTER TO ColorEntry ;  
  
PrtInfo =RECORD  
render:PROCEDURE():INTEGER;  
rp: RastPortPtr ;  
temprp: RastPortPtr ;  
rowBuf:ADDRESS;  
hamBuf:ADDRESS;  
colorMap: ColorEntryPtr ;  
colorInt: ColorEntryPtr ;  
hamInt: ColorEntryPtr ;  
dest1Int: ColorEntryPtr ;  
dest2Int: ColorEntryPtr ;  
scaleX:ADDRESS;  
scaleXAlt:ADDRESS;  
dmatrix:ADDRESS;  
topBuf:ADDRESS;  
botBuf:ADDRESS;  
rowBufSize:CARDINAL;  
hamBufSize:CARDINAL;  
colorMapSize:CARDINAL;  
colorIntSize:CARDINAL;  
hamIntSize:CARDINAL;  
dest1IntSize:CARDINAL;  
dest2IntSize:CARDINAL;  
scaleXSize:CARDINAL;  
scaleXAltSize:CARDINAL;  
prefsFlags:CARDINAL;  
special:LONGCARD;  
xstart:CARDINAL;  
ystart:CARDINAL;  
width:CARDINAL;  
height:CARDINAL;  
pc:LONGCARD;  
pr:LONGCARD;  
ymult:CARDINAL;  
ymod:CARDINAL;  
ety:INTEGER;  
xpos:CARDINAL;  
threshold:CARDINAL;  
tempwidth:CARDINAL;  
flags:CARDINAL;  
END;  
PrtInfoPtr =POINTER TO PrtInfo ;  
  
END PrtGfx.noimp
```

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