Technotes

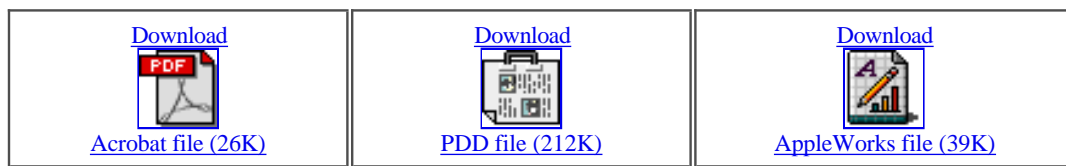| Download	Download	Download
Acrobat file (26K)	PDD file (212K)	AppleWorks file (39K)

Inside Macintosh: QuickDraw GX Environment and Utilities Errata

---

Technote 1022   **FEBRUARY 1996**

Important for all Apple Printing and Graphics Developers:

The information in this Technote is still relevant up to and including Mac OS 7.6 with QuickDraw GX 1.1.5. Beginning with the release of Mac OS 8.0, however, Apple plans to deliver a system which incorporates QuickDraw GX graphics and typography **only**. QuickDraw GX printer drivers and GX printing extensions will **not** be supported in Mac OS 8.0 or in future Mac OS releases. Apple's goal is to simplify the user experience of printing by unifying the Macintosh graphic and printing architectures and standardizing on the classic Printing Manager.

For details on Apple's official announcement, refer to </technotes/gxchange.html>

Apple Developer Technical Support (DTS)

This Technical Note discusses known errors and omissions in *Inside Macintosh: QuickDraw GX Environment and Utilities* .

Topics:

- Correction to Table 7-3 January 1996
- Correction to Section "Data Type Opcodes to Modify a Shape Object" January 1996
- Correction to Table 7-4 January 1996
- Correction to Table 7-5 January 1996
- Correction to Listing 7-1 January 1996
- Correction to Section "Header Data" January 1996
- Correction to Table 7-14 January 1996
- Correction to Table 7-15 January 1996

Contents

Chapter 7 - QuickDraw GX Stream Format

Correction to Table 7-3 Page 7-16, Data Type Opcodes for a new object

```
Constant            Current Value      Corrected Value
gxGlyphType            0x10               0x0A
gxLayoutType           0x11               0x0B
gxFullType             0x12               0x0C
gxPictureType          0x13               0x0D
```

Correction to Section 'Data Type Opcodes to Modify a Shape Object' Page 7-17

The sentence that reads "Data type opcode constants for attributes, tag, ink, and fill are defined in the gxShapeDataOpcode enumeration." is incorrect; ink is not part of the enumeration.

Correction to Table 7-4 Page 7-17, Data Type opcodes to modify a style object

Current Constant	Corrected Constant
gxTagOpcode	gxShapeTagOpcode
gxFillOpcode	gxShapeFillOpcode

Correction to Table 7-5 Page 7-19, Data Type opcodes to modify a style object

Constant	Current Value	Corrected Value
gxStyleRunPriorityJustOverrideOpcode	0x1F	0x0F

Correction to Listing 7-1 Page 7-27, Determining if position (x) is byte compressed

```
if ((a & (gxOmitTextPositionXMask >> gxOmitTextPositionXShift)) ==
      gxByteCompression
```

should be:

```
if ((a & (gxOmitTextPositionXMask >> gxOmitTextPositionXShift)) ==
      gxByteCompression)
```

Correction to Section 'Header Data' Page 7-27

The sentence that reads "The header marks the beginning of a new flattened shape in the data stream" should read:

"The header marks the beginning of the first flattened shape in the data stream."

Correction to Table 7-14 Page 7-62, Analysis of the data stream of a flattened line shape

Values in data stream	Type of Info.	Current Value	Corrected Value
0x2F (00 101111)	Compression type opcode	2	0
...			
0x28 (00 101000)	Compression type opcode	2	0

Correction to Table 7-14 Page 7-63, Analysis of the data stream of a flattened line shape

Values in data stream	Type of Info.	Should be
0x83 (00 000011)	Compression type opcode	Byte Compression

Correction to Table 7-15 Page 7-66, Analysis of the data stream of a flattened rectangle shape

Values in data stream	Type of Info.	Current Value	Corrected Value
0x09 (00 001001)	Record Size	5	9
...			
0x00 4B	Data	125.0	75.0

Correction to Section 'Analyzing a Flattened Curve Shape' Page 7-67

The sentence that reads "The size and shape of the curve are defined by its first point (210.0), control point (460.0, 75.0), and last point (310.0, 125.0)." should read:
"The size and shape of the curve are defined by its first point (210.0, 25.0), control point (460.0, 75.0), and last point (310.0, 125.0)."