



Graphics for Embedded Systems

PEG+ vs C/PEG Feature Comparison

GUI Feature	PEG+	C/PEG
<i>Color Depth</i>		
2 Colors (Monochrome)	Yes	Yes
4 Grayscale Colors	Yes	Yes
16 Grayscale Colors	Yes	Yes
16 Colors (VGA)	Yes	Yes
256 Colors Packed Pixel	Yes	Yes
256 Colors Indexed	Yes	Yes
65K Colors 5:5:5 Format	Full	Basic
65K Colors 5:6:5 Format	Full	Basic
65K Colors 4:4:4:4 Format	Yes	No
24 bit RGB Color Format	Yes	No
24 bit BGR Color Format	Yes	No
32 bit Uncompressed Format	Yes	No
<i>Charting Classes</i>		
Continuous Update Strip Chart	Yes	No
Multi-Line X/Y Charts	Yes	No
<i>Unix File Dialogs</i>		
Directory Browser	Yes	No
File Browser	Yes	No
<i>Run-Time Image Conversion</i>		
Convert Images (jpg, png, bmp, gif) to PegBitmap at run-time	Yes	No
<i>Output to Printer</i>		
Print to HP-PCL Enabled Printers	Yes	No
<i>Basic Controls</i>		
Bitmap Button	Yes	Yes
Check Box	Yes	Yes
Decorated Button	Yes	Yes
Finite/Infinite Dial	Yes	No
Group	Yes	Yes
Horizontal Scrollbar	Yes	Yes
Icon	Yes	Yes
Menu	Yes	Yes

Multi-Line Text Button	Yes	Yes
Progress Bar	Yes	Yes
Prompt	Yes	Yes
Radio Button	Yes	Yes
Scale	Yes	No
Single Line Edit Field	Yes	Yes
Slider	Yes	Yes
Spin Button	Yes	Yes
State Switch	Yes	No
Text Button	Yes	Yes
Title	Yes	Yes
Vertical Prompt	Yes	Yes
2D Polygon	Yes	Yes
Vertical Scrollbar	Yes	Yes
<i>Advanced Controls</i>		
Animation	Yes	Yes
Automatic Non-Client Scrollbars	Yes	No
ComboBox	Yes	Yes
Decorated Window	Yes	No
Dialog Box	Yes	Yes
Horizontal List	Yes	Yes
Message Dialog	Yes	No
Multi-Line Edit Box	Yes	No
Multi-Line Message Dialog	Yes	Yes
Multi-Line Text Display	Yes	Yes
Notebook	Yes	No
Progress Dialog	Yes	No
Spread Sheet	Yes	No
Status Bar	Yes	No
Table	Yes	No
Toolbar	Yes	No
Tree View	Yes	No
Vertical List	Yes	Yes
<i>Drawing Primitives</i>		
Anti-Aliased Line	Yes	No
Arc	Yes	Yes
Chord	Yes	No
Circle	Yes	Yes
Ellipse	Yes	Yes
Line	Yes	Yes
Point	Yes	Yes
Polygon	Yes	Yes
Polyline	Yes	Yes
Rectangle	Yes	Yes

<i>Font Support</i>		
Anti-Aliased	Yes	No
Outline	Yes	Yes
Basic	Yes	Yes
Vector	Yes	Yes
Font Indirection	Yes	No
<i>Language Support</i>		
Unicode (16 bit characters)	Yes	Yes
String Tables for Multiple Languages	Yes	Yes
Run-Time Language Selection	Yes	Yes
Run-Time Language and Font Loading (Resource Packs)	Yes	No
<i>Window Management</i>		
Allows Overlapped Windows Simultaneous Drawing	Yes	No
Alpha Blended Windows	Yes	No
<i>Remote Screen Server</i>		
Peg Remote Screen Server (PRESS) Support	Yes	No
<i>Utilities</i>		
FontCapture	Yes	Yes
ImageConvert	Yes	Yes
WindowBuilder	Yes	Yes
Custom Objects in WindowBuilder	Yes	No