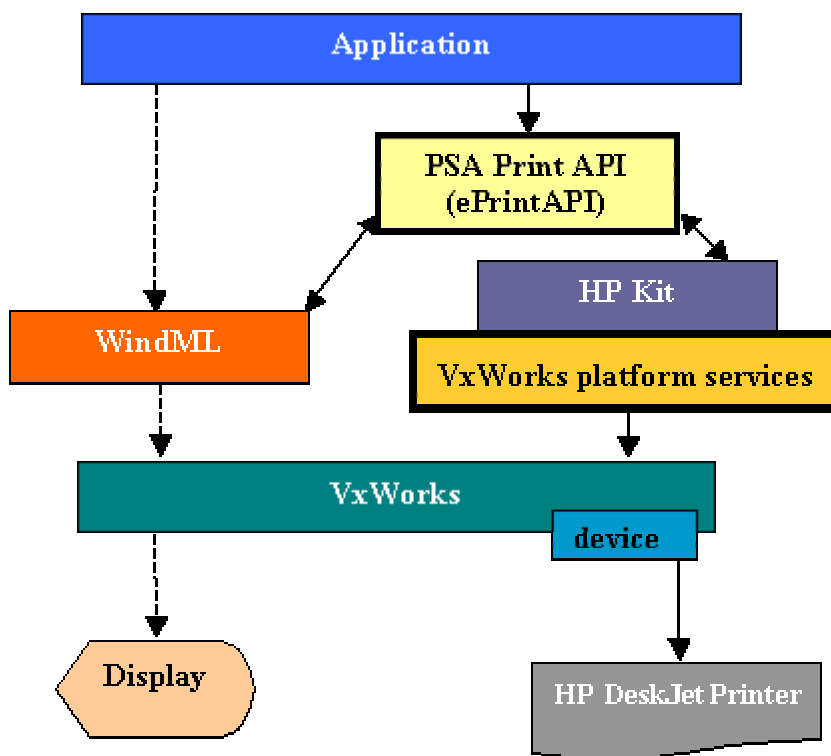


VxWorks Embedded Printer Driver: ePrintAPI™

ePrintAPI™

ePrintAPI™ is a Printer Driver Development Kit specifically designed to give developers the ability to add color, grayscale, and monochrome printing capabilities to their embedded applications running VxWorks®. The ePrintAPI is focused on providing the ability to send graphical information to a printer in a similar way that it is sent to a display monitor. The PSA Print API (ePrintAPI) provides a link between the graphics primitives of WindML and the printer specific issues of HP's developer's kit. This gives the application developer a way to programmatically print graphical data. This software works on a platform running the VxWorks operating system, the WindML graphics stack and the HP developer's kit. A system block diagram is shown below.



Product Features

- Provides support for printing text and essential graphics
- Create graphics in the print buffer – print screen, draw lines, draw rectangles, draw ellipses, draw polygons, draw text, draw bitmaps, etc.
- Color Depth
 - Monochrome
 - Grayscale
 - Color
- Manages the print jobs and printer – start and stop jobs, print page, access HP Printer functions to select printer, print quality, color mode, etc.
- Capable of being used with over 50 different HP compatible printers
- Examples

Host Operating Systems

- Host Independent

Supported Targets

- Target Independent

Requirements

- VxWorks Version 5.4.2 or later, WindML 2.0 or later
- Parallel communications support

Prerequisites

Developers should be familiar with C, WindML, and the VxWorks operating system. Developers should have experience in constructing WindML applications in the Tornado® environment.

Custom Printer Support

Need specific or enhanced printer functionality for your printer? For those who desire custom printer or font support, contact PSA for more information.

Partner Information

- Wind River Premier Partner
- Wind River Professional Services Partner

License Information

Licenses are provided on a "per project" basis. There are no royalties or runtime fees. Source code or object versions available.

Purchasing Information

Email: sales@psa-software.com
 Tel: 1.810.724.5200
 Fax: 1.810.724.5500
 Web: www.psa-software.com