

VxWorks Embedded Printer Driver: ePDK™

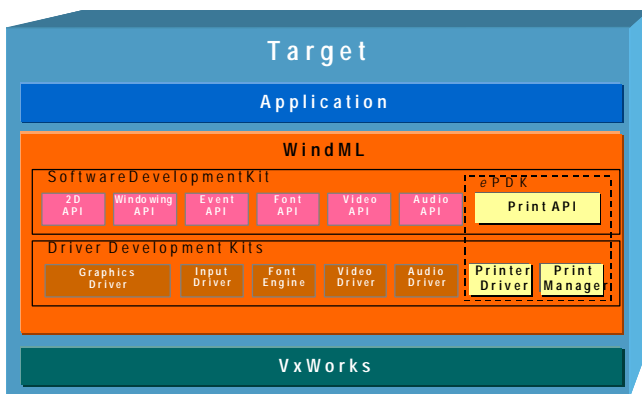
ePDK™

ePDK™ is a Printer Driver Development Kit specifically designed to give developers the ability to add printing capabilities to PCL printers from their embedded applications running VxWorks®. ePDK takes advantage of the Wind River Multimedia Library (WindML™), the VxWorks graphic layer developed to support multimedia applications running on embedded systems, with the addition of a WindML Print API.



The WindML™ Print API is an added component, and does not modify or replace any code within the existing WindML API. This architecture allows the developer to leverage WindML graphic contexts for use by the Print API. ePDK includes a generic Printer Control Language (PCL) printer driver, which supports text, bitmaps, and essential graphics, and can be enhanced to support additional PCL commands. ePDK can also be used to develop printer drivers for other printer languages.

ePDK is also supplied with a Print Manager / Spooler to allow effective management and control of print jobs.



Product Features

- Color Depth: Black and White

Print API for the WindML including:

- Printer initialization
- Printer job controls
- Printed Page configurations
- Paper configurations
- Documented API
- Source code
- Example applications

Printer Driver

- PCL (generic, tested on PCL3, PCL5, and PCL6)
- Print Manager/Spooler

Host Operating Systems

- Host Independent

Supported Targets

- Target Independent

Requirements

- VxWorks Version 5.4 w/Tornado or later
- WindML 2.0 or later
- Communications channel (e.g., serial port, parallel port)

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 is included.

Purchasing Information

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