DYMO SDK for Linux – CUPS drivers

Revision 1 - May 31, 2006
Revision 2 – June 20, 2008
Revision 3 – July 10, 2009

Overview

The DYMO SDK for Linux contains Linux drivers for the LabelWriter and LabelManager product lines. The drivers conform to the CUPS (Common Unix Printing System) standard. The SDK also includes documentation, driver source code and examples of use.

Requirements

The drivers were tested under the latest stable CUPS version 1.2. They work correctly with versions of CUPS 1.3.9.

Operating system

The drivers have been tested under following Linux distributions so far and will work on most Linux distributions with CUPS as long as the CUPS package dependencies are met.
- Gentoo Linux 2005
- Fedora Core 3 & 4
- CentOS Linux
- Ubuntu 8.04
- Ubuntu 9.04

The drivers will work under other operating systems where CUPS is running. For example, other Unix systems like Sun Solaris, AIX, BSD, Macintosh OS X, etc. *Please note: the CUPS drivers work on OS X but do not work with the Mac version of DYMO Label Software.*

License

Drivers are provided under the GPL license version 2. See the full text of the license in the LICENSE file.

DYMO Products Supported

The following products are supported:
- LabelWriter 450
- LabelWriter 450 Turbo
- LabelWriter 450 Twin Turbo
- LabelWriter 450 DUO
- LabelWriter 4XL
- LabelWriter 400
- LabelWriter 400 Turbo
- LabelWriter DUO
- LabelWriter Twin Turbo
- LabelMANAGER 450
- LabelPOINT 350

These products should work with direct USB connections as well as shared over the network from other Linux or Windows machine.

The following products can work only when shared over the network from a Windows machine. This is due to limitations in the USB support in these printers – Linux USB support only recognizes fully compliant USB devices.
- LabelMANAGER 400
- LabelMANAGER PC

Installation

Extract the files from dymo-cups-drivers-1.2.0.tar.gz. Open a terminal window and run the following commands in the package directory:
- ./configure
- make

To install the compiled binaries and data files run the following command (with root privileges):
- make install

Support Level

Drivers are provided AS-IS with NO WARRANTIES, with basic e-mail support only.

Driver version

Latest driver version is 1.2.0

SDK Contents

Drivers in source form

Installation script

Command line driven sample programs

1. **paper_list** - displays all paper sizes with dimensions and printable areas for a given printer. Uses only CUPS API.
2. **paper_bounds** - prints a bounding rectangle for all papers. Uses CUPS API and Cairo graphics library.
3. **test_label** - prints a test label contained aligned text, image, photo, rectangle, lines. Shows how 3-party application can create a label and print it.