

Latex Support Test File

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1 Introduction

This document is primarily intended to test the functionality of some L^AT_EX packages that require driver support for their functionality. It is quick-and-dirty. It is not intended to be pretty, and does not demonstrate good ways to use these packages (In fact, it demonstrates some bad ways to use these packages).

This is a test too see how well dvipdfm handles links that need to be broken over several lines. This will only work if you have dvipdfm version 0.12.4 or later and have installed `hdvipdfm.def` from the version 0.12.4 or later distribution.

2 LaTeX Support Information

Dvipdfm support for the hyperref L^AT_EX package is in hyperref versions 6.44 (12/07/98) and above, available on CTAN. Dvipdfm is now supported in the standard L^AT_EX release (via the “color” and “graphics” packages) in L^AT_EX releases dated later than December 1998.

If you have an older LaTeX and don't want to upgrade, this distribution of

`dvipdfm` includes the `.def` files required to support the `color` and `graphics` packages. You may also need to modify `color.sty`, `graphics.sty`, and `hyperref.sty` so that they recognize `dvipdfm` as a driver. Once these `.def` files are installed, you should be able to use `dvipdfm` with L^AT_EX for many applications.

After running L^AT_EX on this document, `hyperref` should produce a hyper-linked document, complete with an outline.



Figure 1: A photograph of the author.

3 Graphics Support

Currently, JPEG and PDF image inclusion are supported.

3.1 JPEG Image Inclusion

Figure 1 shows a photograph of the author that was obtained from a JPEG file. A small file with the extension of `.bb` supplies the bounding box to the `LATEX` Graphics package. For PDF and JPEG files, this bounding box can easily be created by running the `ebb` utility included with this distribution of `dvipdfm`.

3.2 PDF Image Inclusion

Figure 2 shows an electronics circuit, drawn with XFig, distilled, and then included as PDF file. It has been mangled for testing purposes.

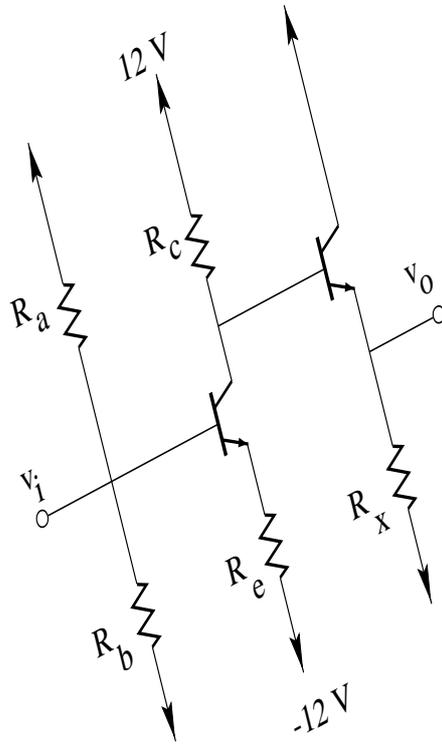


Figure 2: A simple two-stage transistor circuit (mangled by includegraphics options).

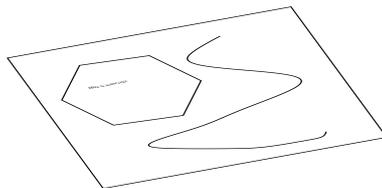


Figure 3: A second included figure