Latex Support Test File

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1 Introduction

This document is primarily intended to test the functionality of some LaTeX 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 `hdvpdfm.def` from the version 0.12.4 or later distribution.

2 LaTeX Support Information

Dvipdfm support for the hyperref LaTeX package is in hyperref versions 6.44 (12/07/98) and above, available on CTAN. Dvipdfm is now supported in the standard LaTeX release (via the "color" and "graphics" packages) in LaTeX 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 LaTeX for many applications.

After running LaTeX on this document, `hyperref` should produce a hyperlinked document, complete with an outline.

Figure 1: A photograph of the author.

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

3 Graphics Support

Currently, JPEG and PDF image inclusion are supported.

3.1 JPEG Image Inclusion

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

Figure 3: A second included figure