

Printing to PDF HOWTO

From openSUSE

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Download the Files

Printing to PDF used the cups-pdf module. This comes by default in Fedora, but is not in any of the main sources in openSUSE at all. so you will need to download the files;

- http://cip.physik.uni-wuerzburg.de/~vrbehr/cups-pdf/src/cups-pdf_2.4.3.tar.gz

Download and decompress the archive.

All of these instructions are in the readme file - hopefully, this is just a little nicer to read.

Compile and Copy the Files

here is what we are doing

1. goto source directory
2. compile the source
3. copy to cups backend
4. copy the config file - default values usually work fine
5. copy the postscript colour printer
6. set permissions

here is the code (run as root)

```
cd /some/path/cups-pdf-2.4.3/src
gcc -O9 -s -o cups-pdf cups-pdf.c
cp cups-pdf /usr/lib/cups/backend
cp ../extra/cups-pdf.conf /etc/cups/
cp ../extra/PostscriptColor.ppd /usr/share/cups/model
chmod 700 /usr/lib/cups/backend/cups-pdf
chown root /usr/lib/cups/backend/cups-pdf
```

PostscriptColor.ppd

The file "PostscriptColor.ppd" is a modified version of the "Postscript.ppd.gz" that comes with CUPS 1.1.15 that is able to handle color output.

Install the printer

1. got add new printer
2. select detected printer
3. vender = generic
4. model = postscript colour

Configuration Options

PDF location

The default location for the PDF files is

```
/var/spool/cups-pdf/yourname/
```

to change this edit the `/etc/cups/cups-pdf.conf` file. In this case, to the Desktop of the user.

```
out /home/${USER}/Desktop
```

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