



# Ubuntu

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## ps2pdf mangles document (breaks font)

Ubuntu » "cups" package » Bugs » **Bug #780935**Reported by [AZ](#) on 2011-05-11

This bug affects 1 person

10

Affects	Status	Importance	Assigned to	Milestone
<a href="#">cups (Ubuntu)</a>	Fix Released	High	Unassigned	
<a href="#">poppler (Ubuntu)</a>	Invalid	High	Unassigned	

[Also affects project](#)[Also affects distribution](#)[Nominate for series](#)

### Bug Description

Binary package hint: ghostscript

There is trouble trying to print [1].

Printing the postscript works fine as well as converting it to pdf using ps2pdf and then print the pdf file using evince.

Though, trying to print the pdf using the lp command line tool renders the printed document unreadable as almost all characters are missing in the output. Using gv to compare the postscript and the pdf document it appears the font lost all it anti-aliasing effects and is hardly readable. Converting the pdf using convert renders the image unreadable (blurred even at 1200 dpi), importing and printing using gimp renders the image looking fine.

[1] [http://www.cs.unibo.it/~gorrieri/Papers/DIMACS\\_Fo\\_Go.ps.gz](http://www.cs.unibo.it/~gorrieri/Papers/DIMACS_Fo_Go.ps.gz)

ProblemType: Bug

DistroRelease: Ubuntu 11.04

Package: ghostscript 9.01~dfsg-1ubuntu5

ProcVersionSignature: Ubuntu 2.6.38-8.42-generic 2.6.38.2

Uname: Linux 2.6.38-8-generic x86\_64

NonfreeKernelModules: nvidia

Architecture: amd64

Date: Wed May 11 08:24:58 2011

InstallationMedia: Ubuntu 10.10 "Maverick Meerkat" - Release amd64 (20101007)

Lpstat:

device for FS-1900: usb://Kyocera/FS-1900

device for Kyocera-Mita-KM-4035-StuRa: ipp://nc18bf04/ipp

MachineType: Gigabyte Technology Co., Ltd. GA-MA770T-UD3

Papersize: a4

PpdFiles:

Kyocera-Mita-KM-4035-StuRa: Kyocera Mita KM-4035 StuRa

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[Koji Otani](#)[J.L.P. López de V...](#)[AZ](#)

### May be notified

[vanessa](#)[sankaran](#)[qadir](#)[projevie@hotmail.com](#)[nikonikic42](#)[mbkc2009@yahoo.com](#)[linuxgjis](#)[ganesh](#)[eoininmoran](#)[dsfkj dfjx](#)[basilisgabri](#)[ahepas](#)

```

FS-1900: Kyocera Mita FS-1900
ProcEnviron:
  LANGUAGE=de_DE:en
  LANG=de_DE.UTF-8
  SHELL=/bin/bash
ProcKernelCmdLine: BOOT_IMAGE=/vmlinuz-2.6.38-8-generic root=/dev/mapper/
hostname-root ro quiet splash vt.handoff=7
SourcePackage: ghostscript
UpgradeStatus: Upgraded to natty on 2011-05-07 (3 days ago)
dmi.bios.date: 10/18/2010
dmi.bios.vendor: Award Software International, Inc.
dmi.bios.version: F8
dmi.board.name: GA-MA770T-UD3
dmi.board.vendor: Gigabyte Technology Co., Ltd.
dmi.board.version: x.x
dmi.chassis.type: 3
dmi.chassis.vendor: Gigabyte Technology Co., Ltd.
dmi.modalias: dmi:bvnAwardSoftwareInternational,Inc.:bvrF8:bd10/18/
2010:svnGigabyteTechnologyCo.,Ltd.:pnGA-MA770T-UD3:pvr:rvnGigabyteTechnologyCo.
,Ltd.:rnGA-MA770T-UD3:rvrx.x:cvnGigabyteTechnologyCo.,Ltd.:ct3:cvr:
dmi.product.name: GA-MA770T-UD3
dmi.sys.vendor: Gigabyte Technology Co., Ltd.

```

Tags: [amd64](#) [apport-bug](#) [natty](#)

## Related branches

[lp:ubuntu/oneiric/cups](#)

AZ (m-dev) wrote on 2011-05-11:	#1
<a href="#">BootDmesg.txt</a> (51.4 KiB, text/plain; charset="utf-8")	
<a href="#">CupsErrorLog.txt</a> (2.4 KiB, text/plain; charset="utf-8")	
<a href="#">CurrentDmesg.txt</a> (870 bytes, text/plain; charset="utf-8")	
<a href="#">Dependencies.txt</a> (1.6 KiB, text/plain; charset="utf-8")	
<a href="#">Locale.txt</a> (335 bytes, text/plain; charset="utf-8")	
<a href="#">Lspci.txt</a> (13.0 KiB, text/plain; charset="utf-8")	
<a href="#">Lsubst.txt</a> (590 bytes, text/plain; charset="utf-8")	
<a href="#">PrintingPackages.txt</a> (1.2 KiB, text/plain; charset="utf-8")	
<a href="#">ProcCpuinfo.txt</a> (3.4 KiB, text/plain; charset="utf-8")	
<a href="#">ProcInterrupts.txt</a> (2.0 KiB, text/plain; charset="utf-8")	
<a href="#">ProcModules.txt</a> (2.8 KiB, text/plain; charset="utf-8")	
<a href="#">UdevDb.txt</a> (106.7 KiB, text/plain; charset="utf-8")	
<a href="#">UdevLog.txt</a> (232.7 KiB, text/plain; charset="utf-8")	

AZ (m-dev) wrote on 2011-05-11:	#2
Further, using okular to the view the postscript document works fine but when viewing the pdf causes	

[Vic Parker](#)

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[Tom Weiss](#)

[Till Kampeter](#)

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[Punnsa](#)

[Peter Bullert](#)

[Paul Bakulich](#)

[Paolo Topa](#)

[PCTeacher012](#)

[Name Changed](#)

[Mr. Minhaj](#)

[Matt j](#)

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[CRC](#)

[Bruno Garcia](#)

[Ashani Holland](#)

[Andreas Moog](#)

[Alejandro J. Alva...](#)

## Bug attachments

[BootDmesg.txt](#) (edit)

[CupsErrorLog.txt](#) (edit)

[CurrentDmesg.txt](#) (edit)

endless "Error: Bad bounding box in Type 3 glyph" warnings. Evince on the other hand does not complain.

[Till Kampeter \(till-kampeter\)](#) wrote on 2011-08-06:

#3

The problem is caused by the pdftopdf CUPS filter which is based on Poppler, so no Ghostscript bug.

To reproduce

```
ps2pdf DIMACS_Fo_Go.ps
```

This generates DIMACS\_Fo\_Go.pdf which is displayed correctly by evince or gs.

```
cupsfilter -m application/vnd.cups-pdf -p /etc/cups/ppd/<yourprinter>.ppd
DIMACS_Fo_Go.pdf > out.pdf
```

out.pdf shows blank pages when displayed with gs and only a few characters when displayed with evince. On the terminal appear a lot of error messages in both cases.

pdftopdf is a part of the CUPS package and it uses Poppler. Changing bug tasks

...

**affects:**ghostscript (Ubuntu) → cups (Ubuntu)

Changed in cups (Ubuntu):

**importance:**Undecided → High

**status:**New → Confirmed

Changed in poppler (Ubuntu):

**importance:**Undecided → High

**status:**New → Confirmed

[Dependencies.txt](#)

(edit)

[Locale.txt](#) (edit)

[Lspci.txt](#) (edit)

[Lsubst.txt](#) (edit)

[PrintingPackages.txt](#)

(edit)

[ProcCpuinfo.txt](#)

(edit)

[ProcInterrupts.txt](#)

(edit)

[ProcModules.txt](#)

(edit)

[UdevDb.txt](#) (edit)

[UdevLog.txt](#) (edit)

[DIMACS\\_Fo\\_Go.ps](#)

(edit)

[Add attachment](#)

[Till Kampeter \(till-kampeter\)](#) wrote on 2011-08-06:

#4

Subscribed upstream author of pdftopdf, Koji Otani, to this bug.

[Till Kampeter \(till-kampeter\)](#) wrote on 2011-08-09:

#5

Problem occurred also in [bug 382379](#), comment #78.

Changed in cups (Ubuntu):

**status:**Confirmed → In Progress

Changed in poppler (Ubuntu):

**status:**Confirmed → Invalid

[Till Kampeter \(till-kampeter\)](#) wrote on 2011-08-09:

#6

I got a patch from Koji Otani. I will apply it and the fix will get available in the nextCUPS package in Oneiric.

[Till Kampeter \(till-kampeter\)](#) wrote on 2011-08-09:

#7

I have have applied the patch and tested it with the file attached here and also the file from [bug 382379](#), comment #78, and it works in both cases. The fix is now committed to Debian's BZR repository of CUPS and will be included in the next CUPS package (1.5.0-2) in Oneiric. Thank you for the report.

[Till Kamppeter \(till-kamppeter\)](#) wrote on 2011-08-09:

#8

[DIMACS\\_Fo\\_Go.ps](#) (196.4 KiB, application/postscript)

Attaching the sample file of the original poster, to keep this bug report understandable when the file gets removed from its original location.

Changed in cups (Ubuntu):

**status:**In Progress → Fix Committed

[Launchpad Janitor \(janitor\)](#) wrote on 2011-08-10:

#9

This bug was fixed in the package cups - 1.5.0-1ubuntu1

-----

cups (1.5.0-1ubuntu1) oneiric; urgency=low

- \* debian/patches/colord-support.patch: Added colord support. Thanks to Richard Hughes from Red Hat for the patch (LP: [#787767](#)).
- \* debian/patches/no-conffile-timestamp.patch,  
   debian/patches/read-embedded-options-from-incoming-postscript-and-add-to-ipp-attrs.patch,  
   debian/patches/show-compile-command-lines.patch: Refreshed with quilt.
- \* debian/control: Added "Recommends: colord" to the cups binary package.
- \* debian/rules: Deactivated test suite failures only for this upload as the test suite must be adapted to colord. It changes the number of warnings in error\_log which makes the test suite fail.
- \* debian/local/filters/pdf-filters/pdftopdf/P2PFont.cxx,  
   debian/local/filters/pdf-filters/pdftopdf/P2POutput.cxx,  
   debian/local/filters/pdf-filters/pdftopdf/pdf2pdf.cxx: Several bug fixes on the pdftopdf filter from the upstream author Koji Otani. This fixes especially LP: [#780935](#).

-- Till Kamppeter <email address hidden> Wed, 10 Aug 2011 15:09:11 +0200

Changed in cups (Ubuntu):

**status:**Fix Committed → Fix Released

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