

Benedikt Weggmann • Log Out

“cups” package

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Bug #381788:

Bug #381788 reported by [NoOp](#) on 2009-05-30 ([Activity log](#))

# [jaunty] cups-pdf no longer embeds fonts in pdf file

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Affects	Status	Importance	Assigned to	Milestone
cups (Debian)	New	Unknown	<a href="#">debugs #524730</a>	
cups (Ubuntu)	Confirmed	Undecided		

Nominated for Jaunty by [Benedikt Weggmann](#)

Nominated for Karmic by [Benedikt Weggmann](#)

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Binary package hint: cups-pdf

Since upgrading from hardy-intrepid-to jaunty cups-pdf no longer embeds the fonts in the pdf file. The result is that pdf files no longer render or print properly. References of other users experiencing this problem can be seen at:

<http://ubuntuforums.org/showthread.php?t=1153731>

[bad quality with cups-pdf]

<http://ubuntu-virginia.ubuntuforums.org/showthread.php?p=7112748>

[pdf fonts all jaggy]

When I compare pages printed to cups-pdf before (hardy) with the same page printed after jaunty, I found that the 'before' pages include embedded subset fonts, the after does not. I'll attach a before and after of the 9.04 release notes page.

The problem is not present in hardy or intrepid.

```
$ uname -a
```

```
Linux <user> 2.6.28-12-generic #43-Ubuntu SMP Fri May 1 19:27:06
UTC 2009 i686 GNU/Linux
```

```
$ apt-cache policy cups-pdf
cups-pdf:
```

```
  Installed: 2.5.0-1ubuntu1
```

```
  Candidate: 2.5.0-1ubuntu1
```

```
  Version table:
```

```
*** 2.5.0-1ubuntu1 0
```

```
    500 http://archive.ubuntu.com jaunty/universe Packages
```

```
    100 /var/lib/dpkg/status
```

```
$ apt-cache policy cupsys
```

```
cupsys:
```

```
  Installed: 1.3.9-17ubuntu3
```

```
  Candidate: 1.3.9-17ubuntu3
```

```
  Version table:
```

```
*** 1.3.9-17ubuntu3 0
```

```
    500 http://archive.ubuntu.com jaunty-updates/universe
```

```
Packages
```

```
    100 /var/lib/dpkg/status
```

```
    1.3.9-17ubuntu1 0
```

```
$ apt-cache policy cups
```

```
cups:
```

```
  Installed: 1.3.9-17ubuntu3
```

```
  Candidate: 1.3.9-17ubuntu3
```

```
  Version table:
```

```
*** 1.3.9-17ubuntu3 0
```

```
    500 http://archive.ubuntu.com jaunty-updates/main Packages
```

```
    100 /var/lib/dpkg/status
```

```
    1.3.9-17ubuntu1 0
```

```
    500 http://archive.ubuntu.com jaunty/main Packages
```

```
$ ls -l /usr/share/ppd/cups-pdf/CUPS-PDF.ppd
```

```
-rw-r--r-- 1 root root 20940 2008-03-23 14:43 /usr/share/ppd/cups-
pdf/CUPS-PDF.ppd
```

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[Link a related branch](#)[Link to CVE](#)[NoOp](#) wrote on 2009-05-30: ([permalink](#)) [Printed w/cups-pdf using hardy](#) (253.9 KiB, application/pdf)[NoOp](#) wrote on 2009-05-30: ([permalink](#)) [Printed w/cups-pdf using jaunty](#) (425.5 KiB, application/pdf)

Printed w/jaunty cups-pdf. Note: open in Document Viewer, Adobe Reader, etc., and look at the document properties fonts and compare with the hardy pdf; no fonts in the jaunty pdf.

[Benedikt Weggmann](#) wrote on 2009-05-30: ([permalink](#))

Reliably reproduceable

Changed in cups-pdf (Ubuntu):  
**status:** New → Confirmed[Bug Watch Updater](#) on 2009-05-30Changed in cups-pdf (Debian):  
**status:** Unknown → New[Martin-Éric Racine](#) wrote on 2009-05-30: ([permalink](#))


Can anyone try compiling 2.5.0 against Hardy and see if it works there? If it works on Hardy, we can immediately rule out CUPS-PDF issues and presume this to be a CUPS issues, probably in which default filters are used by CUPS to produce the final document.

[NoOp](#) wrote 22 hours ago: ([permalink](#))

I've a dedicated test system with two drives - one of jaunty and one for hardy/intrepid/whatever. If you can give me instructions on how to go about this I'll be happy to give it a go. The hardy/intrepid/whatever gets reinstalled frequently, so it won't matter if it get messed up in the process.



[Martin-Éric Racine](#) wrote 14 hours ago: ([permalink](#))

### Bug attachments

-  [Printed w/cups-pdf using hardy](#) ([edit](#))
-  [Printed w/cups-pdf using jaunty](#) ([edit](#))
-  [Printed with Jaunty + cups\\_pdf\\_2.5.0](#) ([edit](#))
-  [Printed with Hardy + cups\\_pdf\\_2.5.0](#) ([edit](#))
-  [Alternative pdftops CUPS filter](#) ([edit](#))

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### Remote bug watches

  [debbugs #524730](#)  
[open important]

Bug watches keep track of this bug in other bug trackers.

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On your Hardy or Intrepid host, open a command line terminal and do:

```
sudo apt-get install devscripts  
  
dget http://archive.ubuntu.com/ubuntu/pool/universe/c/cups-pdf/cups-pdf\_2.5.0-1ubuntu1.dsc  
  
dpkg-source -x cups-pdf_2.5.0-1ubuntu1.dsc  
  
cd cups-pdf-2.5.0  
  
debuild -uc -us  
  
sudo debi
```

[Benedikt Weggmann](#) wrote 11 hours ago: ([permalink](#))

Under Hardy the build succeeded but installation did fail with a dependency problem:

```
dpkg: Vor-Abhängigkeitsproblem betreffend cups-pdf_2.5.0-1ubuntu1_i386.deb, welches cups-pdf enthält:  
cups-pdf hängt (vorher) von cups (>= 1.1.15) ab  
dpkg: Fehler beim Bearbeiten von cups-pdf_2.5.0-1ubuntu1_i386.deb (--install):  
Vor-Abhängigkeitsproblem - installiere cups-pdf nicht  
Fehler traten auf beim Bearbeiten von:  
cups-pdf_2.5.0-1ubuntu1_i386.deb  
debi: debpkg -i failed
```

I read it that cups-pdf believes to be dependent on a version of cups >= 1.1.15. However cupsys (that is "cups", right?) in Hardy is 1.3.7. Don't know, what the problem here is.

[Martin-Éric Racine](#) wrote 11 hours ago: ([permalink](#))

Ah yes, the package name change occurred starting at Intrepid. For Hardy, you'd need to change occurrences of "cupsys" into "cups" in the source package's debian/control under the Pre-Depends section in the "cups-pdf" section.

[Martin-Éric Racine](#) wrote 11 hours ago: ([permalink](#))

Actually, noticing how that issue was introduced at Intrepid (which, IIRC has cups-pdf 2.4.8), trying a recompile of the 2.5.0 package on Intrepid would be a more immediate test.

Hardy testing could also be useful, but only for extra validation.

[Benedikt Weggmann](#) wrote 7 hours ago: ([permalink](#))

(Hardy)

I made the following change to "debian/control":

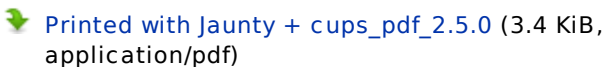
```
12,13c12,13
< Pre-Depends: cups (>= 1.1.15)
< Depends: ghostscript, libpaper-utils, cups-client,
${shlibs:Depends}, ${misc:Depends}
---
> Pre-Depends: cupsys (>= 1.1.15)
> Depends: ghostscript, libpaper-utils, cupsys-client,
${shlibs:Depends}, ${misc:Depends}
15c15
< Enhances: cups
---
> Enhances: cupsys
```

compiled again, installed libpaper-utils and cupsys-client, got cups-pdf\_2.5.0 successfully installed and the cups-pdf printer set up.

A test print with Leafpad resulted in a searchable PDF, viewed in evince.

The same test under Jaunty produced a non-searchable PDF. The Hardy-PDF is roughly twice the size of the Jaunty-PDF. (see attachments)

[Benedikt Weggmann](#) wrote 7 hours ago: ([permalink](#))

 Printed with Jaunty + cups\_pdf\_2.5.0 (3.4 KiB, application/pdf)

[Benedikt Weggmann](#) wrote 7 hours ago: ([permalink](#))

 Printed with Hardy + cups\_pdf\_2.5.0 (6.6 KiB, application/pdf)

[Martin-Éric Racine](#) wrote 3 hours ago: ([permalink](#))

Thank you for testing this, Benedikt.

This seems to confirm that the CUPS-PDF 2.5.0 source code is fine, since the exact same package (minus those Dependencies name changes) compiles and works fine on older Ubuntu releases.

Given this, I'll reassign both this bug and the upstream Debian bug to CUPS, which is where this bug seems to be.

NoOp wrote 1 hour ago: ([permalink](#))

Thanks Benedikt & Martin-Éric. I think this is the reason for the issue that they are also seeing in:  
<https://bugs.launchpad.net/ubuntu/+source/cups-pdf/+bug/366949>  
[cups-pdf produces large pdfs and text can not be searched]  
Perhaps it might be a good idea to make this a dupe of 366949 or vis a vis in order to consolidate the findings? I'm happy either way.

Till Kampeter wrote 1 hour ago: ([permalink](#))

Can you try the following: Replace the file `/usr/lib/cups/filter/pdftops` by the attached file and make the new file executable (`sudo chmod 755 /usr/lib/cups/filter/pdftops`). Then try to print into a PDF with cups-pdf again. Do you get a searchable PDF now?

NoOp wrote 16 minutes ago: **Re: [Bug 381788] Re: [jaunty] cups-pdf no longer embeds fonts in pdf file** ([permalink](#))

On 05/31/2009 01:11 PM, Till Kampeter wrote:  
> Can you try the following: Replace the file `/usr/lib/cups/filter/pdftops`  
> by the attached file and make the new file executable (`sudo chmod 755`  
> `/usr/lib/cups/filter/pdftops`). Then try to print into a PDF with cups-  
> pdf again. Do you get a searchable PDF now?  
>

Happy to give it a go, but your file didn't get attached.

Till Kampeter wrote 4 minutes ago: ([permalink](#))

 [Alternative pdftops CUPS filter](#) (5.5 KiB, text/plain)

[▶ Add a comment/attachment](#)

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