

PDFDevice Bug Fixes

... plus
Studio 10.1 builds
& Catalina Ports

ID : 1768**Fixed in version :** 3.4.1**Short Description:** PDF device 52.3.4.0.0 only seems to generate header on windows**Full Description:** I have PDF device 3.4 working on studio 5 & 10 (OS X - thanks, changed studio 5 to posix pathname) and on windows studio 10.

on studio 5.2.3.1 on windows 8.1 and 10 (which is my current test platforms), PDF device prints the pdf header out to file and then seems to ignore the rest of the file.

for the two PDF's I've enclosed, one is called studio 5.pdf and the other is called studio 10.pdf

studio 5.pdf was created with PDFDevice 3.4 on wind 32 as per the part of the header I've enclosed below. This shows:

- 1) that its the right version of PDF device
- 2) it is creating a file (so path name must be ok)
- 3) and so I'm guessing its just not adding the actual report.

Studio 10 version has the full file.

and if I manually move the PDF device version 3.3.0.0 for studio 5.2.3 into place in the xcomp folder, I will get Pdf devices again.

hope this helps

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```
/Creator (Theatre Manager)
/Producer (Arts Management Systems, PDFDevice v3.4.0 Win32)
/CreationDate (D:20190905124410-07'00')
/ModDate (D:20190905124410-07'00')
```

AttachedFile: Archive.zip

Comments : It appears that the standard-c function tmpfile() which is now use does not always work on windows. It appears to be related to permissions. If you run Omnis as Administrator it actually works. When it fails, we now resort to using windows specific functions to create a temporary file name which can then be uses with the standard-c fopen() function. The downside is, PDFDevice has to manually delete the file when the report is complete. If the job does not complete naturally, i.e. due to a crash or fatal Omnis report manager error, there is a chance the temp file is not removed.

ID : 1773**Fixed in version :** 3.4.2**Short Description:** Print special characters

Full Description: Curious problem with PDFDevice.
Some special characters, such as the diameter symbol, do not print correctly, see for example page 64 of the pdfdevice1.pdf file. This happens if the printout is very long, if instead I print only a few records, the same descriptions with special characters, are printed correctly, see pdfdevice2.pdf files. With the OmnisPDF component, it prints correctly, see Omnispdf.pdf.

AttachedFile: pdf_example.zip

Comments : There was a situation in which a character failed to map to the standard unicode table within the font,

causing the cached unicode mapping table to be exchanged for the OS based single byte character mapping table. This resulted in rare cases that subsequent characters failed to map correctly.

We have changed PDFDevice so it always maintains the preferred character mapping table throughout.

This effects all platforms.

ID : 1774

Fixed in version : 3.4.2

Short Description: Intermittent crash

Full Description: There was a rare crash which we discovered while testing for another issue. The crash was related to some code walking of the end of a buffer by just one byte in some rare circumstances while searching for web addresses within text for the purpose of annotating the link.

Comments :

ID : 1788

Fixed in version : 3.4.3

Short Description: Error in positioning of vertical text objects inside Omnis reports

Full Description: We have noticed that the current version (namely, v3.3.0 and v3.4.0) of PDFDevice does not handle correctly the POSITIONING OF OBJECTS CONTAINING VERTICAL TEXT inside Omnis reports. It somehow moves the objects a few millimetres to the left. Please notice that this issue did not occur with previous versions (for example, when printing the same reports with Omnis Studio 5.2 using a former version of PDFDevice, the positioning of vertical text is perfect.) We are using macOS 10.14 and the latest release of Omnis Studio (Studio 10.1).

We are enclosing three samples of the same invoice report from our application, in PDF format, generated with 3 different engines:

- * MacOS native PDF device
- * Adobe Acrobat
- * Brainy Data PDFDevice

Only the sample produced with PDFDevice seems to be wrong as far as the position of the vertical text on the right is concerned.

We are enclosing a sample test library, just in case. The library contains just a report with 3 adjacent text objects, all of them angled at 270 degrees, with this basic definition:

```
[con(style(kEscAngle,kAngle270),iTextLine1)]
```

Should you require any further information or clarification, please let us know. We'll be glad to help.

Comments : This issue has been resolved. You should test your vertical/diagonal text positioning within all of your reports to ensure they have not been adversely affected.