

PDFDevice Expelled Gremlins

ID : 1928**Fixed in version :** 4.1.1.0**Short Description:**

Full Description: I have a support issue for Brainy PDF that I have created a test lib to demonstrate. We have a situation where an image is correctly changing per page on the preview but not when sent to pdf. We have the picture stored in a list column and a page break means that it should be different on each page.

Comments : This issue is related to the kDevPdfImgStripDup feature in conjunction with 32 bit images with alpha where the image contours are defined by the alpha channel, whereas the 24bit RGB data merely describe a single colour that occupies all the pixels. This means that only the alpha channel changes between images, not what typically is considered the actual image data.

Because PDF files do not support 32 bit images with alpha, such images have to be separated into 24 bit images with an 8 bit mask. PDFDevice was ignoring the mask when comparing images to see if they are identical and can be stripped from the file.

ID : 1966**Fixed in version :** 4.1.2.0**Short Description:** PDFDevice crashes during printing

Full Description: PDFDevice crashes when printing on a new M1 iMac.

Comments : This crash was the result of the system providing a postscript name of a font that does not appear to return a valid Family name resulting in a null string being returned. This was not expected and caused a crash in a subsequent system call.