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LW Pro 810 Won't Print Two Chinese TrueType Fonts per Page 4/94

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TOPIC -----

When printing a single page PageMaker 3.5 (Chinese version) document on A3 size paper consisting of more than one Chinese TrueType font, the LaserWriter Pro 810 produces a page with one of the fonts printed correctly, while the other is unintelligible. If the same document is converted to contain only one TrueType Chinese font, the result was fine.

We have tried all of the print options in both PageMaker and the LaserWriter Pro 810, that is printing with effects not checked, different resolutions, and so on, but with no avail. Is there anything we can try?

The printer's configuration is as follows:

Interpreter version	2011.113
Revision	1
Installed Memory	16 MB
VM Maximum	1,335 KB
VM Available	1,300 KB
Resolution	400 DPI

I was told the value of VM affects the size of the font cache, is that true? If it is, can it be changed to resolve this problem?

DISCUSSION -----

This problem can most likely be attributed to not enough RAM in the printer. Even though there is 16MB of RAM in the printer, the majority of it, about 14MB, is set aside for a page buffer. To explain more specifically, when the printer is powered ON it checks for the total amount of RAM and then allocates a page buffer to accommodate the largest page size available at the highest DPI. Thus, for the LaserWriter Pro 810, the page buffer allocated would be for a tabloid size page at 800dpi.

Increasing the RAM should resolve this issue as there is probably not enough memory to handle all of the outlines. One thing you might try to help alleviate the problem is to enable Unlimited Downloadable fonts in the Options dialog of Page Setup. This will purge a font automatically once it is used which will free up RAM, however a print job may take longer.

With regard to the font cache, it's size varies with the amount of VM available but again comes back to the amount of total RAM in the printer.

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