Japanese Language Kit: Printing to a File (4/95)

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TOPIC ---

I am experiencing problems downloading postscript files using the LaserWriter
Utility 7.6.1. The files were created on a system with the Japanese Language Kit
installed. They were then "printed" to a file, instead of a printer, using
LaserWriter 8.1.1.

The printer I used was a LaserWriter IIg. This postscript file was sent from
Japan to Australia, to another machine which has the following software
installed: the LaserWriter 8.1.1, LaserWriter Utility 7.6.1, and the Japanese
Language Kit v1.1. When this file was sent to print using the LaserWriter
Utility, the printed page contained garbage Roman characters, instead of the
Japanese characters.

I think the problem arises from the fact that the fonts in the Japanese Language
Kit are not downloadable. If I try to download these fonts using the
LaserWriter Utility, it says that the Osaka, HonMincho, and other fonts are not
downloadable. Is there any solution to this?

DISCUSSION ---

You are correct that 2-byte fonts are not downloadable to the LaserWriter, and
that is the reason why the PostScript files print garbage characters instead of
Japanese text - they are not downloadable to files.

Solutions

- Use the localized version of LaserWriter 8 (version J1-8.1.2). This is
available only in Japan.

- Or use the LaserWriter 8.2

Previously, customers had to have a Kanji LaserWriter printer or the
Japanese-localized LaserWriter driver to print PostScript files. Now, both
LaserWriter J1-8.1.2 and LaserWriter 8.2 rasterize the 2-byte Japanese fonts
into a bitmap as long as "Font Inclusion" is selected when printing to a file.
Save the file as Binary, NOT ASCII, in order to save the information properly.

LaserWriter 8 Drivers Printing Japanese Text To Disk

Below are how the various LaserWriter 8 drivers behave when printing a file to disk with Japanese text:

- LaserWriter 8.1.1 does not download Kanji fonts.
"Font Inclusion" can be selected; but you will get the message "Job terminated due to error"

- LaserWriter J1-8.1.2 downloads Kanji fonts.
"Font Inclusion-All" must be selected; it defaults to "Font Inclusion-None".

- LaserWriter 8.2 downloads Kanji fonts.
"Font Inclusion-All" must be selected; it defaults to "Font Inclusion-None"

Note to U.S. Customers

Since the LaserWriter J1-8.1.2 driver is only available in Japan for use with LaserWriter 610 or LaserWriter 360-J, we recommend that customers in the United States install LaserWriter 8.2.

Article Change History:
03 Apr 1995 - Added information on saving in Binary format.
01 Mar 1995 - Reviewed for accuracy including new 8.2 driver info.

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