



LaserWriter 8 Patch

from Neil E. Mickelson

About the LaserWriter 8.2 patch...

This patch will make alterations to Apple's LaserWriter 8.2 printer driver to increase its ease of use. Changes include:

- Allowing a printer description file to be selected when no printers are currently on-line.
- Placing a "Layout" menu in the Print dialog box, allowing "n-up" printing to be selected without going to "Page Setup."
- Adding 6, 8, 9, and 16 Up choices to the Layout menu for maximum flexibility.

Thanks go out to a number of people who made instructions for hacking the driver with ResEdit available on the Internet. I decided to write this patch for those you aren't that familiar with resource editing.

This patch **WILL NOT** work with earlier versions of the LaserWriter 8 printer driver. It **MAY** work with later versions, but no guarantees! In addition, it **MAY** work with Adobe's PSPrinter driver, which was co-developed with Apple, but again, this has **NOT** been tested. If you are able to successfully apply these patches to versions other than LW8.2, please send e-mail to address given under "Author."

NOTE: Remember, **DO NOT** apply this patch to your original file; the patch will allow you to create a new file with a different name.

This patch cannot work properly while virus detection software is running. Please make sure that you have disabled any virus detectors before applying the patch.

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I will try my best to support this patch; please keep in mind that I am a student, and this project will have to take a back seat to homework every now and then (like every morning, noon, and night, most likely!). Please send me bug reports, and I'll do my best to squash 'em, but it may not be the fastest service in the world!

This patch is freeware; all I ask for is a quick postcard or e-mail message telling me how you like the patch, etc (I'm not really a programmer, and this only took an hour to put together, so I don't feel that asking for money is a good idea). I hope you find this useful. By the way, thanks to Michael Hecht for his wonderful **ResCompare** program!

This patch application was made with **ResCompare**, a free resource comparison and patch generation utility. ResCompare can be FTP'ed from most Macintosh archive sites. Send e-mail inquiries regarding ResCompare to Michael_Hecht@mac.sas.com.

KNOWN PROBLEMS:

I think I've got everything licked, finally, but you never know. Remember, only alter backup copies of your driver, so if the patch causes problems you can just go back to the original "plain vanilla" version!

VERSION HISTORY:

v2.0 -- Released 14 October 1994

Released to make the patch work with version 8.2 of the LaserWriter driver.

v1.5 -- Released 27 May 1994

After helpful hints from Jay (sorry I don't know the last name, but e-mail is puc@cosmaill.ctd.ornl.gov), I was able to track down the PrintMonitor problem. By doing a "Get Info" on the modified driver in ResEdit, Jay discovered that the "MultiFinder Compatible" flag was no longer set, thus not letting the print driver be "shared" after the PrintMonitor took it over. After running some tests and communicating with Michael Hecht, ResCompare's author, I got a bug fix for ResCompare and made a new patch. Now everything works (knock on wood)!

Generated a separate small patch to disable the page borders on n-up printing, if you so desire. A number of people had requested this feature, but I didn't want to make it mandatory.

Updated my e-mail address in the documentation.

v1.1 -- Released 05 Feb 1994

Regenerated the patch with ResCompare; more testing.

Fixed (hopefully!) the "PrintMonitor error," in which the user could not send a document to the PrintMonitor while another was printing.

Updated documentation to reflect tests made on LW8.0 driver by Joel Laird (JOEL.LAIRD@MSFC6PO@x400gw.msfc.nasa.gov).

v1.0 -- Initial Release, 03 Dec 1993

THANK YOUS:

Special thanks go out to the following people for sending me information on the PrintMonitor problem and a few other minor details:

Jon Baum	Stephen Smoliar
Paul Constantine	Peter Szolovits
Gene Fowler	Mike Wilson
Richard Hodges	"Jay"

Also, special thanks go to Don Markuson (dmm@tiger1.cv.com) for putting together the LaserWriter Hacks text file that described all of the ResEdit work in great detail!