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LaserWriter Pro: Tray Switching and Manual Feed (8/93)

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TOPIC -----

How do you get a LaserWriter Pro 600/630 to take paper from the multipurpose/manual feed tray and the cassette trays if paper is present in all locations? The LaserWriter II was able to pick up paper from the manual feed tray and the cassette tray.

I have tried the LaserWriter 7.2 and 8.0 driver with the correct PPD and have experimented with the various options with no success.

DISCUSSION -----

TraySwitching allows users to set up the printer to continue printing from the next available paper tray or stop printing and return an "Out of Paper" message when the tray being used runs out of paper.

We have a LaserWriter Pro 630 configured so that it takes paper from the default tray if there is paper present, and will switch to the other trays when the default tray runs out of paper. Here is how we are achieving it:

- 1) Use the LaserWriter 8.0 driver with the respective LaserWriter Pro PPD.
- 2) Download the following PostScript to the LaserWriter Pro (via LaserWriter Utility 7.4.1) to change the default paper tray:

```
serverdict begin 0 exitserver
statusdict begin 1 setdefaultpapertray end
```

Note: Whenever the PostScript code "serverdict begin 0 exitserver" is downloaded to the LaserWriter, any commands that follow will automatically place the results in the printer's non-volatile RAM (NVRAM), meaning that the printer will retain the settings even when powered off.

The integer value before "setdefaultpapertray" corresponds to the various trays as follows:

| Value | Tray Selection |
|-------|----------------|
| ----- | ----- |

- 0 250 Sheet Cassette
- 1 Multi-purpose tray
- 2 500 Sheet Cassette
- 3 Envelope tray

3) Enable TraySwitching via LaserWriter Utility 7.4.1.

Note: Enabling this option through the Print dialog box will only affect the current job. Enabling TraySwitching via the LaserWriter Utility will save the selection for all jobs and will retain the setting even when the printer is powered off.

4) Use AutoSelect when printing.

With LaserWriter II engines, the manual feed slot for paper shares the same paper pickup roller as the paper cassette. That is why the printer feeds from the cassette when there is no paper in the manual feed slot. The LaserWriter Pro 630 has a separate pickup roller for the multipurpose/manual feed tray.

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5 August 1993 - Added notes about non-volatile printer settings and about TraySwitching.

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