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Personal LW NTR: Postscript and Setting Tray Defaults

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Personal LW NTR: Postscript and Setting Tray Defaults

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TOPIC-----

I'm getting a PostScript error when trying to set the paper tray format in the A4 paper tray. I'm using a SUN Workstation with UNIX and a Personal LaserWriter NTR.

When I print documents from the A4 tray, the printer driver uses a "Letter" format and margins are different.

This is the PostScript code I'm using:

```
%! /str 60 string def statusdict begin 60
defaultmultipurposepapertraysize str cvs print job end ( ) print
statusdict begin 60 defaultmultipurposepapertraysize pop str cvs print
end servedict begin 0 exitserver statusdict begin a4 true
defaultmultipurposepapertraysize end
```

DISCUSSION -----

The operators for returning and setting the default multipurpose tray paper size are spelled incorrectly in the "Personal LaserWriter NTR Printer Developer Note". The correct spellings, respectively, are:

```
defaultmultipurposetraysize
and
setdefaultmultipurposetraysize
```

This PostScript code will print a page showing the default multipurpose tray paper size:

```
/Times-Roman findfont
15 scalefont
setfont
72 700 moveto
/str 20 string def
(Default multipurpose tray paper size:  ) show
statusdict begin
defaultmultipurposetraysize pop str cvs show
showpage
```

This PostScript code changes the default multipurpose tray paper size based on the values used for "NAME" and "BOOL":

```
serverdict begin 0 exitserver
statusdict begin
NAME BOOL setdefaultmultipurposetraysize
```

The allowable values for "NAME" are the standard device setup procedures:

```
/letter
/legal
/a4
/b5
```

The standard device setup procedures /lettersmall and /a4small are not allowed.

The "BOOL" parameter is included for compatibility with other PostScript printers. It specifies whether the paper is to be fed long edge first or short edge first. For all paper sizes on the Personal LaserWriter NTR, the value of "BOOL" must be true, meaning short edge first.

The following PostScript code changes the default multipurpose tray paper size to a4:

```
serverdict begin 0 exitserver
statusdict begin
/a4 true setdefaultmultipurposetraysize
```

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