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LaserWriter Family: How To Print Test Page w/o Resetting Printer

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TOPIC ----------

What is the PostScript code for resetting the LaserWriter test page?

The code below does perform a reset on all PostScript LaserWriter models produced as of this writing. This includes the LaserWriter, LaserWriter Plus, LaserWriter IINT, IINTX (both ROM versions), IIf, IIg, and Personal LaserWriter NT.

DISCUSSION ----------

The following code completely resets the LaserWriter to power-on condition, which is the same as turning the power off and on. This is the only way to get a startup page without turning the printer off and on.

```
serverdict begin 0 exitserver
systemdict begin quit end
```

Note that this behavior of the quit operator outside of the server loop isn't specifically defined by Adobe. It may change in later revisions of PostScript, so it shouldn't be relied on to restart future LaserWriter models.

The following PostScript program prints a page that gives you the current page count (including the page itself) without resetting the LaserWriter (the comments aren't necessary):

```
/Times-Roman findfont  %Lookup font in fontdict and push it on stack
15 scalefont setfont   %Push size, scale it, and make it the current font.
72 700 moveto          %One inch over, and 700 72nds up.
statusdict begin       %We'll be using two operators from statusdict.
32 string              %Push an empty string of 32 length on stack.
```

```
printername            %Puts the LaserWriter name in the string on the stack.
show                   %Show the topmost string from the stack at 72 700.
( has printed ) show   %Push another string and show it.
pagecount 12 string    %Push the pagecount and a 12 length string onto stack.
cvs show               %Convert the pagecount into the string and show it.
( pages.) show         %Push the final string and show it.
showpage               %Draw the image and spit out the page.
```

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