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LaserWriter: How To Restore Factory Defaults

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TOPIC -----

A user modified some of their LaserWriter's persistent parameters through PostScript commands. They would now like to restore all settings to the factory defaults. Is there a PostScript command to do this?

DISCUSSION -----

There is no standard command within the PostScript language to reset all parameters to the default settings. However, it is possible to write a PostScript program that, when downloaded to the LaserWriter, resets each parameter individually to its default settings. Since a number of persistent parameters are product specific, this program would have to be modified for each LaserWriter model: the LaserWriter, LaserWriter Plus, LaserWriter IINT and NTX, and the Personal LaserWriter NT.

The LaserWriter IIx and IIg do have the ability to restore factory defaults through a single command. This is a device specific feature, and will not work on earlier LaserWriter models. The following PostScript program will restore the factory defaults of either a LaserWriter IIx or IIg.

```
0 serverdict begin exitserver
<< /FactoryDefaults true >> setsystemparams
systemdict begin
realtime 10000 add
{ dup realtime le { pop exit } if } loop
quit
```

To send this program to your LaserWriter, copy and paste it into a blank TeachText document. Save the result, and download it with the LaserWriter Utility's "Download PostScript File" feature.

Note that the user definable settings for push-wheel positions 6-9 will also revert to their defaults after the program is downloaded. This means you must be careful if the LaserWriter is connected to a LocalTalk network and you reset the defaults. If the default type for the mini-8 port at the current push-wheel setting isn't LocalTalk, resetting the defaults will disable your ability to communicate with the LaserWriter and can disrupt network traffic.

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