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LaserWriter Pro 630: PostScript Commands to Change Baud Rate

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TOPIC -----

How can we change the baud rate for the RS-232 serial port on the LaserWriter Pro 630? We have an SGI Indigo-2 workstation serially connected to the LaserWriter, and we need the appropriate PostScript commands to change the baud rate.

DISCUSSION -----

Here are the PostScript commands to change the baud rate on the serial 9-pin port.

NOTE: The LaserWriter Pro has four user-configurable communications settings; these are thumbwheel switch positions 6 through 9. Page 126 in the LaserWriter Pro User's Guide outlines all of the default settings for these positions.

To change the baud rate to 9600 for switch position 6 on the serial 9-pin port:

```
%%Begin (%SerialB_NV%) <</Baud 9600>> setdevparams %%End
```

The possible baud rate values are: 300, 600, 1200, 1800, 2400, 3600, 4800, 7200, 9600, 19200, 57600.

The integer after "SerialB_NV" correlates to the thumbwheel switch setting. For example:

```
%SerialB_NV%    - changes settings to thumbwheel switch setting 6
%SerialB_NV2%   - changes settings to thumbwheel switch setting 7
%SerialB_NV3%   - changes settings to thumbwheel switch setting 8
%SerialB_NV4%   - changes settings to thumbwheel switch setting 9
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