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A/UX: Find, Dump & Print an 8-Bit Window w/ X Windows (9/94)

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TOPIC -----

I have been trying under X Windows to find and dump an 8-bit window as described in the "README" file under usr/lib/X11. If you set the window plane to the normal white and dump it, the xpr routine seems to work fine. However, if you set the background to a color (like solid blue with yellow text), and you bring back the window with the xwud routine and print it with xpr, you get a blank page.

I assumed that I had not found the proper plane, but I tried many parameters and could not get it to print. Can you give me an example to show how it works?

DISCUSSION -----

We successfully used xwd, xwud and xpr to print both 1-bit and 8-bit windows on a LaserWriter. We also used the plane option of xwud to specify bit planes of xy format dump files. Here are the steps we followed:

- 1) On our 8-bit screen, we created an xterm window with a blue background and a yellow foreground (text), cursor, and pointer.

```
xterm -bg blue -fg yellow -cr yellow -ms yellow &
```

- 2) We dumped the xterm window to the file dump.xy with the xwd command.

- 3) We used the xy option to print to our non-color LaserWriter in the next step.

```
xwd -xy -out dump.xy
```

- 4) To print the dumped image, we used the xpr command with the output piped to our LaserWriter. The "device ps" option dumps the image in a PostScript bitmap. We added the rv (swap foreground and background colors) option to prevent a white on black image.

```
xpr -device ps -rv dump.xy | atprint
```

- 5) To display the dumped file on screen, we used the xwud command. The raw option greatly speeds up the display operation.

```
xwud -in dump.xy -raw
```

- 6) To display a specific plane of the file, we used xwud with the plane option, and a second monitor set to 1 bit. The plane option accepts a value in the range of 0 to 7.

```
xwud -in dump.xy -plane 0 -display :0.1
```

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