



Tech Info Library

A/UX: BBX Works with A/UX 3.0 (9/94)

Revised: 9/9/94
Security: Everyone

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Article Created: 19 November 1991
Article Reviewed/Updated: 9 September 1994

TOPIC -----

There is a problem with the A/UX pseudo-tty driver when running BBX (a 4GL development tool from BASIS International). Here is a detailed description of the problem:

When I open a pseudo-tty with the O_NDELAY flag, some of the output doesn't show up on the screen until AFTER I type a character on the screen. The pty is opened unbuffered -- this is something internal to the system. The first half of a page of text prints out. I have to type something to print the rest of the page.

This doesn't happen on the console or serial ports -- only the ptys. I'm using read() and write(), not stdio, and it's unbuffered. Doing an ioctl(tcsetaw) on the fd of the pty fixes the problem, but shouldn't be necessary.

DISCUSSION -----

There is a new kernel patch for the problem between A/UX pseudo tty and BBX. We tested the BBX software with the new kernel, and it works well. This patch fixes the longstanding problem between A/UX and BBX. This fix is now included in A/UX 3.0.

Article Change History:
09 Sep 1994 - Reviewed. Changed title.
31 Aug 1992 - Reviewed.

Support Information Services

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