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

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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.

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09 Sep 1994 - Reviewed. Changed title.
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