A/UX: Sources for BSD Extensions (8/94)

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TOPIC ---

Can you give me a source for BSD 4.3 extensions offered with A/UX, like signals
and streams, or point me to a list of these items?

DISCUSSION --

Currently, there is no document that lists and describes all 4.[23] extensions
offered by A/UX. Lists are scattered and explained among various A/UX
documents. It is difficult to list them individually. However, this should
provide some of the Berkeley BSD 4.[23] features supported by A/UX:

 - TCP/IP Berkeley-Style network support. It is called B-Net in A/UX. The
   supported protocols include:

     IP (Internet Protocol, RFC791)
     UDP (User Datagram Protocol, RFC768)
     TCP (Transmission Control Protocol, RFC793)
     ICMP (Internet Control Message Protocol, RFC792)
     ARP (Address Resolution Protocol, RFC826)
     Telnet (RFC854)
     SUBNET (RFC950)
     FTP (File Transfer Protocol, RFC959)
     SMTP (Simple Mail Transfer Protocol, RFC821)
     BIND (Berkeley Internet Name Domain)

All servers and service programs are in the /etc/servers and /etc/services
files. The programming interface routines are in A/UX Programming Reference
manual, sections 2N and 3N, like accept(2N), bind(2N), connect(2N),
getsocketname(2N), getsocketopt(2N), listen(2N), recv(2N), select(2N), send(2N),
socket(2N), and so on.

- Berkeley-Style 4.[23] signals and system calls, like sigblock(2),
  sigpause(2), sigsetmask(2), sigstack(2), sigvec(2), killpg(2), and so on.

- Berkeley 4.[23] utility programs are in the /usr/ucb directory.

- C shell

- Berkeley-Style dump.BSD, rdump, restore, rrestore utilities.

- Termcap database and text editors, like vi and ex.

- Other utilities, like symbolic link, symbolic debugger, printenv, and so
  on.

Note that STREAMS is not Berkeley; it belongs to System V.3.

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