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A/UX 3.0: Problem With The ruserpass (6/93)

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TOPIC -----

I am working on getting one of my UNIX applications to compile and execute under A/UX. Currently, I'm running into compile errors. This software has been compiled on a Sun workstation successfully.

I looked around inside "libc.a" and found that the "ruserpass" symbol is being referenced in the object file, "rexec.o" in the C library. The "pvm3" (their software) package does call the "rexec()" function, which, I believe, references the "ruserpass" symbol. This symbol does not seem to get defined properly in the C runtime library.

Below is a copy of the compile session:

```
making in AUX/ for AUX
cc -g -DARCHCLASS=\"AUX\" -DIMA_AUX -DSYSVSIGNAL -o pvmd3 archcode.o
    cruft.o databuf.o ddpro.o frag.o host.o logging.o mesg.o
    myalloc.o nmdclass.o pkt.o pkup.o pvmd.o startup.o task.o
    tdpro.o waitc.o imalloc.o
```

```
undefined          first referenced
symbol              in file
ruserpass           /lib/libc.a
```

```
ld fatal: Symbol referencing errors. No output written to pvmd3
Make: *** Error: Update of `pvmd3' terminated with exit code 13
Make:               [line 47 in /homeb/bpowell/pvm3/src/AUX/Makefile]
```

DISCUSSION -----

Your indication on the problem is correct, there is a problem with the rexec() function that references ruserpass, which doesn't exist.

The problem exists in the A/UX 3.0-CD distribution, fortunately, the problem was found before A/UX 3.0 went out of door. The fix for this is included in the "A/UX 3.0 Read Me" floppy disk, which includes the ruserpass.o module to be updated with libc.a. Here are the instruction from the Read Me file:

- 1) Insert the Read Me disk into your system and open the LIBC folder.
- 2) Drag "xdr.o", "ruserpass.o", and "xdr.h" to the "/tmp" folder on your root volume.
- 3) Enter these commands:

```
cd /tmp
ar r /lib/libc.a ruserpass.o xdr.o
mv xdr.h /usr/include/rpc/xdr.h
Copyright 1993, Apple Computer, Inc.
```

Keywords: <None>

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