



Comments (10) Dependencies Duplicates (0) Blocking (0) Resources (7)

Bug P2 + Add Hotlist

STATUS UPDATE No update yet. Edit

DESCRIPTION [Deleted User] created issue #1

Mar 4, 2020 03:02AM

This component is for issues with building an AOSP Platform build (Soong and Make), not for runtime issues (app bugs/crashes, ANRs, etc).

Which version of Android are you using? [Q]

08:49:35 Build sandboxing disabled due to nsjail error. This may become fatal in the future.

08:49:35 Please let us know why nsjail doesn't work in your environment at:

08:49:35 <https://groups.google.com/forum/#!forum/android-building>

08:49:35 <https://issuetracker.google.com/issues/new?component=381517>

uname: error while loading shared libraries: liblog.so: cannot open shared object file: No such file or directory

uname: error while loading shared libraries: liblog.so: cannot open shared object file: No such file or directory

build/make/core/envsetup.mk:139: error: Unable to determine HOST_OS from uname -sm: !.

08:49:35 dumpvars failed with: exit status 1

build/make/core/main.mk:23: recipe for target 'run_soong_ui' failed

make: *** [run_soong_ui] Error 1

From other similar issues related to nsjail error, it looks like the build should have moved on even with sandboxing disabled.

And, "build/make/core/envsetup.mk:139: error: Unable to determine HOST_OS from uname -sm: !." looks like the main error.

But, after the nsjail error, none of the shell commands from Makefiles seem to work. Is it because of any environment setup failure due to nsjail?

Reporter [Deleted User]

Type Bug

Priority P2

Severity S2

Status New

Access Default access View

Assignee --

Verifier --

Collaborators

CC

[Deleted User]
dw...@google.com

AOSP ID --

ReportedBy --

Found In --

Targeted To --

Verified In --

In Prod

✓ Links (7)

Hide all

Links (7)

"08:49:35 <https://groups.google.com/forum/#!forum/android-buildi...>"

nobody@ #1

"08:49:35 <https://issuetracker.google.com/issues/new?component=38...>"

nobody@ #1

"<http://envsetup.mk:139>"

nobody@ #1

"<http://main.mk:23>"

nobody@ #1

"<http://envsetup.mk>"

dw...@ #2

See all related links

COMMENTS

All comments

↓ Oldest first



dw...@google.com <dw...@google.com> #2

Mar 4, 2020 06:43AM

Hmm, it sounds like `uname` is broken here for some reason, the nsjail detection code was just the first to notice (as `envsetup.mk` also broke later).

Does `uname -sm` work before you start the build? What does `which uname` come up with?



[Deleted User] <[Deleted User]> #3

Mar 4, 2020 06:53AM

Actually `uname -sm` does work before and after the build.

```
$ which uname
/bin/uname
```

```
$ uname -sm
Linux x86_64
```



dw...@google.com <dw...@google.com> #4

Mar 4, 2020 08:29AM

Does `ldd /bin/uname` include `liblog.so`?

Is there a `uname` in `out/host/linux-x86/bin/uname` or `out/soong/host/linux-x86/bin/uname`? (If you've changed your out directory with `OUT_DIR`/etc, modify these paths as necessary too)



[Deleted User] <[Deleted User]> #5

Mar 4, 2020 09:30AM

Looks like /bin/uname doesn't include liblog.so.

But, the build is not using /bin/uname and using prebuilts/build-tools/path/linux-x86/uname instead which includes liblog.so and that fails on command line as well. Please ignore my previous comment on /bin/uname.

Also, uname is not present in either `out/host/linux-x86/bin/uname` or `out/soong/host/linux-x86/bin/uname`.

Message last modified on Mar 4, 2020 09:44AM

dw...@google.com <dw...@google.com> [#6](#)

Mar 4, 2020 09:52AM

Oh, good point, Q was already using the toybox prebuilts for uname. Does running `prebuilts/build-tools/path/linux-x86/uname -sm` work for you?

That's a symlink to `../../../../linux-x86/bin/toybox` which should be loading liblog from `../../../../lib64/liblog.so` according to the DT_RUNPATH:

```
$ ldd linux-x86/bin/toybox
...
liblog.so => ../../build-tools/linux-x86/bin/../../../../lib64/liblog.so (0x00007f4e9c5ed000)
...
$ objdump -x linux-x86/bin/toybox | grep RUNPATH
RUNPATH                $ORIGIN/../../../../lib64:$ORIGIN/lib64
```

You don't happen to have any LD_* environment variables set, do you? (<https://manpages.courier-mta.org/htmlman8/ld.so.8.html> -- something like LD_ORIGIN_PATH could cause the failure...)

Which linux distribution/version are you running?

[Deleted User] <[Deleted User]> [#7](#)

Mar 4, 2020 10:11AM

1. `prebuilts/build-tools/path/linux-x86/uname -sm` fails for me.
2. "`ldd linux-x86/bin/toybox`" and "`objdump -x linux-x86/bin/toybox | grep RUNPATH`" gave me same result like you posted.
3. I verified that LD_* environment variables are not set
4. linux distro:

NAME="Ubuntu"
VERSION="18.04.4 LTS (Bionic Beaver)"

dw...@google.com <dw...@google.com> [#8](#)

Mar 4, 2020 10:18AM

Just making sure, `path/linux-x86/uname` is still a symlink to `../../../../linux-x86/bin/toybox`, right? If that became a copy somehow, this may happen (transferring source through a FAT/NTFS/etc partition, etc).

`prebuilts/build-tools/linux-x86/bin/toybox uname -sm` -- does that do the same thing?

[Deleted User] <[Deleted User]> [#9](#)

Mar 4, 2020 10:22AM

1. No. You've guessed it right, `../../../../linux-x86/uname` became a copy and is no longer a symlink to `../../../../linux-x86/bin/toybox`.
2. `prebuilts/build-tools/linux-x86/bin/toybox uname -sm` works for me.

Looks like the symlinks are all gone because the source is actually transferred from a FAT partition. Thanks so much for all your help in debugging this.

[Deleted User] <[Deleted User]> [#10](#)

Mar 5, 2020 02:56AM

I see the following after fixing the symlinks issue:

```
[100% 47/47] out/soong/.bootstrap/bin/soong_build out/soong/build.ninja
FAILED: out/soong/build.ninja
out/soong/.bootstrap/bin/soong_build -t -l out/.module_paths/Android.bp.list -b out/soong -n out -d out/soong/build.ninja.d -
globFile out/soong/.bootstrap/build-globs.ninja -o out/soong/build.ninja Android.bp
error: packages/apps/Nfc/nci/jni/Android.bp:1:1: "libnfc_nci_jni" depends on undefined module "libandroidicu"
error: frameworks/av/media/mediaserver/Android.bp:12:1: "mediaserver" depends on undefined module "libandroidicu"
ninja: build stopped: subcommand failed.
08:38:11 soong bootstrap failed with: exit status 1
build/make/core/main.mk:21: recipe for target 'run_soong_ui' failed
make: *** [run_soong_ui] Error 1
```

Also, output from out/soong.log:

```
2020/03/04 08:38:04.332926 build/soong/ui/build/exec.go:57: prebuilts/build-tools/linux-x86/bin/nsjail [-x prebuilts/build-
tools/linux-x86/bin/ninja -H android-build --cwd /path/android-q-10 -t 0 -e --proc_rw -u nobody -g nogroup --rlimit_as soft --
rlimit_core soft --rlimit_cpu soft --rlimit_fsize soft --rlimit_nofile soft -B / --disable_clone_newcgroup -q -- -d keepdepfile -w
```

```
dupbuild=err -j 96 --frontend_file out/.ninja_fifo -f out/soong/.bootstrap/build.ninja]
2020/03/04 08:38:11.660582 build/soong/ui/build/exec.go:95: soong bootstrap failed with: exit status 1
```

I couldn't find libandroidicu in the prebuilts or source. I can find `./prebuilts/build-tools/linux-x86/lib64/libandroidicu-host.so` instead. Can you please let me know if my sync is missing anything.