



# Improving AOSP Vendor Trees (Discussion)

## Linux Plumbers 2015

**Presented by**

John Stultz  
john.stultz@linaro.org

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# Admit we have a problem



# Multi-vendor devices

3rd Party HAL Integration pain

More players involved in updating to newer releases

# Build system pain

Large collection of global build variables/flags

No variable dependency tracking

Many vendors create duplicative shared infrastructure

# Limits of AOSP

No non-Nexus device support in AOSP

Culture of review is limited

Why would a vendor bother to participate?

# Missing Best Practices

For non-boot-camp attendees at least

Make it clearer and easier how to integrate HALs

What other documentation would be helpful?

# What can we do to improve things?

Shipping vendor specific applications in APKs via store to allow for more flexible upgrading.

Work to reduce need for custom HAL code?

What can be learned from Cyanogen mod community?