Android HAL Consolidation
Accomplishments - DRM

- Android M w/ Mesa + DRM hwc/gralloc
  - DB410c (freedreno)
  - QEMU arm64 and x86 (virtio-gpu)
- Contributing to upstream drm_hwcomposer and mesa
Accomplishments - Other

- Kernel Summit session on mainline kernels on mobile: https://lwn.net/Articles/662147/
- Implemented led-trigger based vibrator HAL
Next Steps - DRM

- **drm_hwcomposer**
  - YUV planes and improved plane selection
  - rotation handling
  - make GL3 compositing optional
  - hotplug support

- **gralloc**
  - standardize private data (e.g. dmabuf handles)

- **mesa**
  - Sync fence support
  - Running Android tests
Next Steps - Other

- V4L2 for h/w codecs - Get your driver ready and stay tuned
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