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Pixel 6 support on android-mainline

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One of the main problems with upstreaming Android-specific kernel features is the push back from upstream maintainers due to the “lack of an in-tree user”. This talk dives into Google’s efforts to create an upstreaming Android development platform using the Pixel 6 device.

We will dive into how we added support for Pixel 6 on the android-mainline downstream branch including:

1. How we manage to keep the downstream Pixel 6 drivers compatible with the constantly evolving upstream APIs.
2. How we are reducing the downstream technical debt, e.g. removing vendor hooks, upstreaming forked drivers, etc.
3. Future plans.

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