Practical and Lightweight Domain Isolation on Android

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TrustDroid is an Android framework extension that supports different levels of trust / isolation to separate applications, data and resources via the use of colouring. Focus is on protecting communication channels.
Appreciation

Thoughtfully approached the problem domain with a holistic view to security and speed on the Android platform.

- Addressing more than just the Android application stack.
- Separating data and resources through digital certificates / colouring.
- Focus on performance when making engineering decisions.
Critique

Too coarse in its attempt to secure applications. Attempts to create this enhanced security model have established a black and white solution with little room for grey.
Thought?

If there were the ability to colour many different applications groups, how could we allow for fine grained security whilst allowing information sharing?