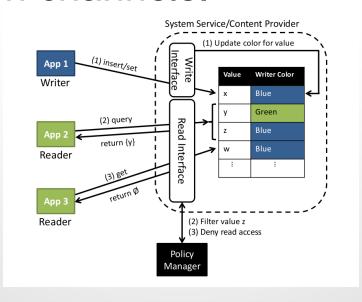
# Practical and Lightweight Domain Isolation on Android

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## **Paper Summary**

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?