

The Container Security in Healthcare Data Exchange System

Bachelor's degree graduation project

Chih-Hsuan Yang

National Sun Yat-sen University

Advisor: Chun-I Fan

June 17, 2021

Outline

1 Outcome

2 Working flow

Outcome

The formal verification

Formal verification

The contextual refinement property about the s kernel can be stated as:

$$\forall P, [[K \& P]]_{x86mc} \subseteq [[P]]_s$$

The LSM

SE Linux / AppArmor

In Android 5.0 and later,
SELinux is fully enforced.

android 

```

+ cs git:(main) ✗ scrcpy
INFO: scrcpy 1.17 <https://github.com/Genymobile/scrcpy>
+ daemon not running; starting now at tcp:5037
+ daemon started successfully
/usr/share/scrcpy/scrcpy-server: 1 file pushed, 1.1 MB/s (34015 bytes in 0.030s)
[server] INFO: Device: Sony Xperia ZR (Android 8.1.0)
INFO: Renderer: opengl
INFO: OpenGL version: 4.6 (Compatibility Profile) Mesa 20.3.4
INFO: Trilinear filtering enabled
INFO: Initial texture: 720x1280

+ cs git:(main) ✗ adb shell getenforce
Enforcing
+ cs git:(main) ✗

```



Working flow

