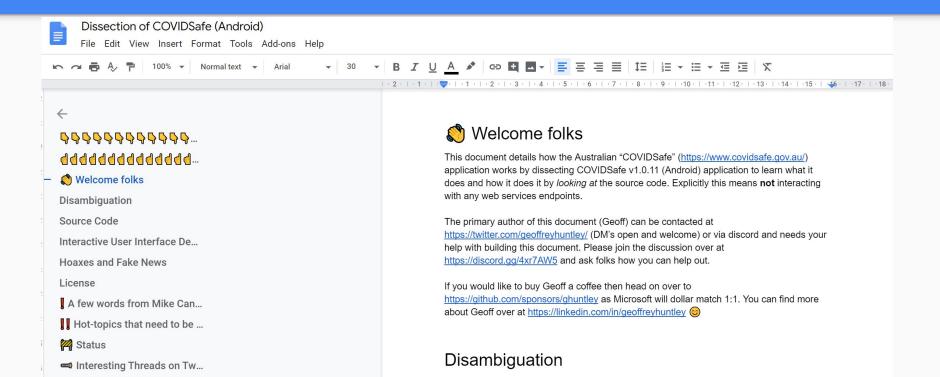


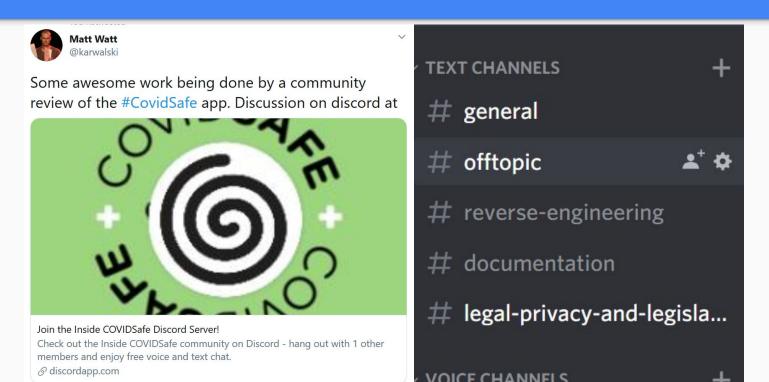


https://twitter.com/GeoffreyHuntley

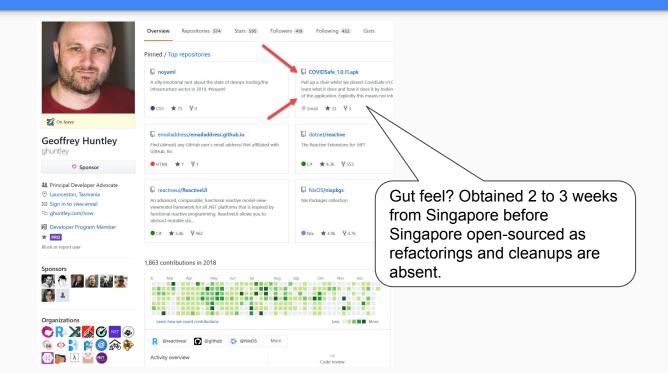
Google Doc - Dissection of COVIDSafe



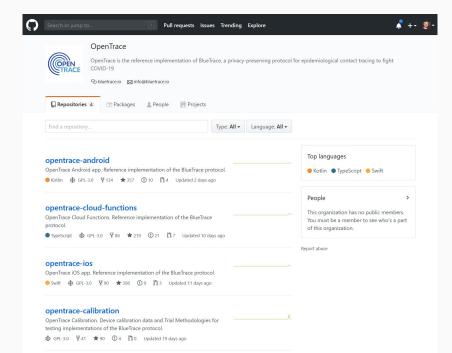
Discord Community



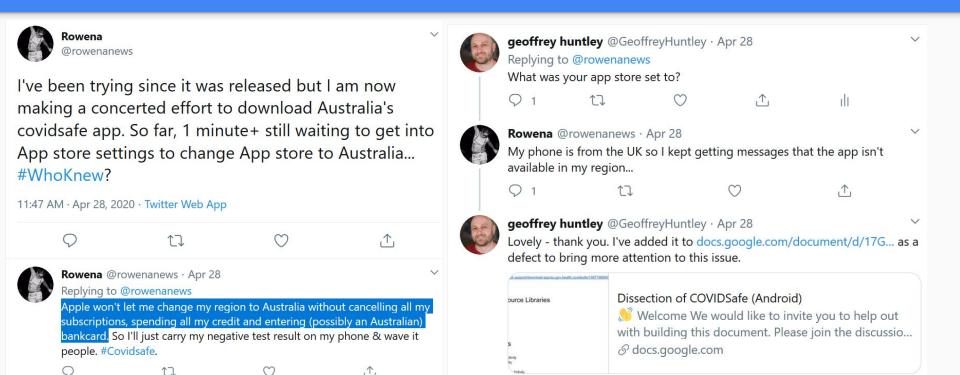
Decompiled Australian Source Code



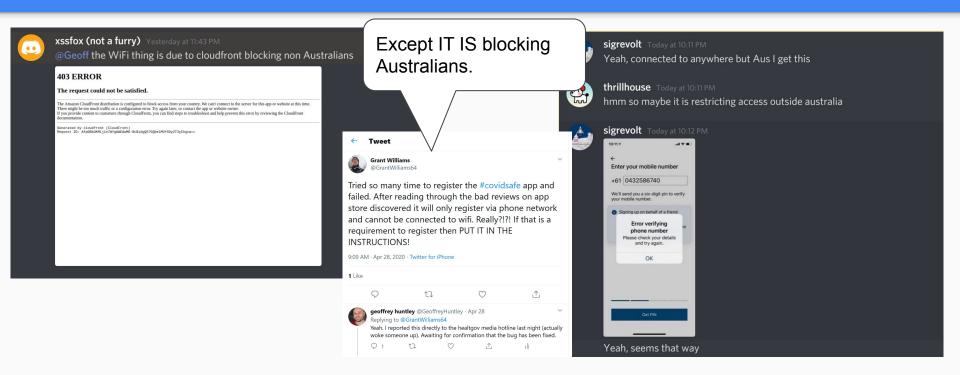
Singapore Source Code



Defect preventing onboarding - AU AppStore



Defect preventing onboarding - 4G/WiFi



Defect preventing onboarding - SMS



Where's the "call ph# and a robot narrates the PIN option"?

#covidsafe app requires sms authentication, come on

@Telstra hurry up with SMS over wifi for the 42% of

RRR people who don't have mobile service!

#smsoverwifi #BIRRR #betterbushcomms

@PaulFletcherMP @MarkCoultonMP @senbmckenzie

@SenatorMcGrath @SenMcDonald

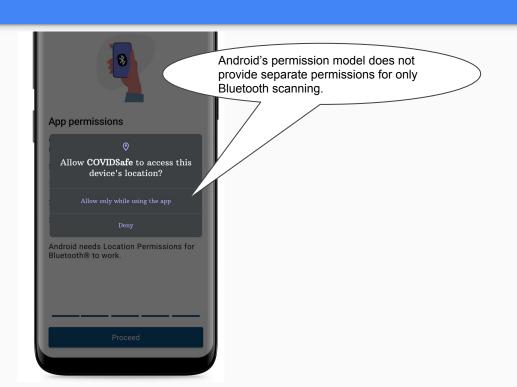
@M McCormackMP

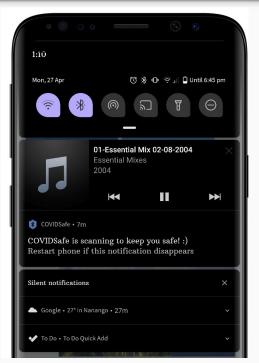
5:57 AM · Apr 27, 2020 from Queensland, Australia · Twitter for iPhone

Defect preventing onboarding #4 - Roaming

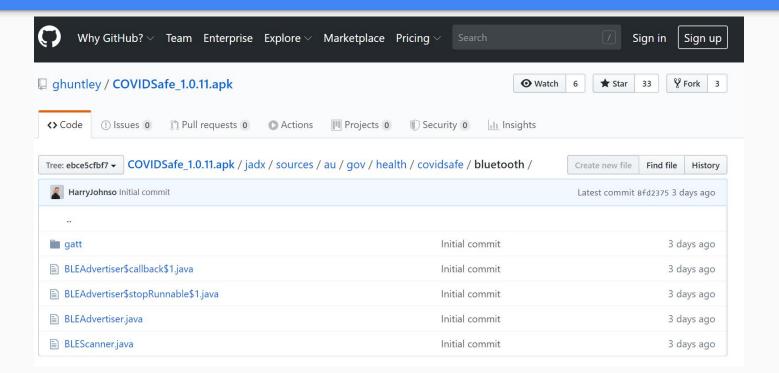


Confirmation that GPS is NOT used

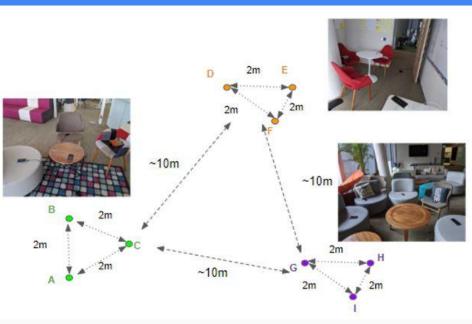


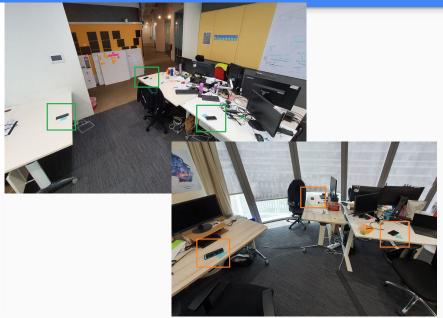


Bluetooth Advertiser & Bluetooth Scanner

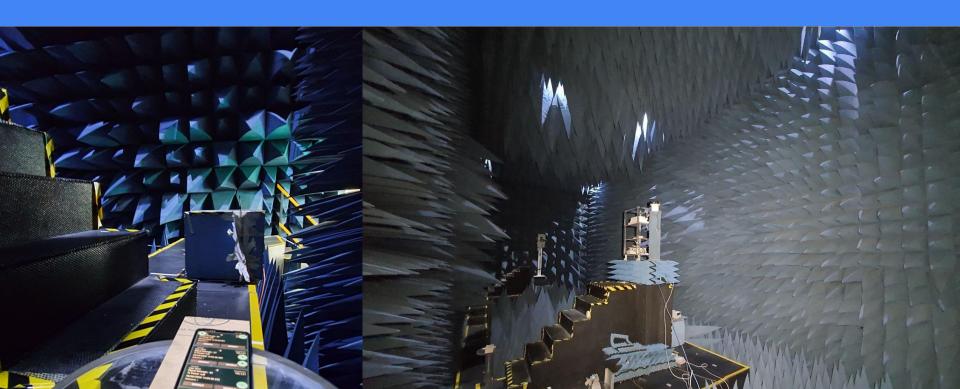


Bluetooth Calibration





Bluetooth Calibration



Bluetooth Distance Estimation Theory

ICSNC 2013: The Eighth International Conference on Systems and Networks Communications

Distance Estimation of Smart Device using Bluetooth

Joonyoung Jung, Dongoh Kang, Changseok Bae
Personal Computing Platform Research Team
Electronics and Telecommunications Research Institute
Deajeon, Korea
{jyjung21, dongoh, csbae}@etri.re.kr

Abstract— Distance estimation identifies the distance between two machines in wireless network. The Received Signal localization system [6]. In this paper, we discuss the M2M distance estimation using Bluetooth RSSI.

Bluetooth Distance Processing (serverside!)



6:06 PM · Apr 27, 2020 · Twitter Web App



Jed Wesley-Smith @jedws · Apr 27

This allows the definition of a "close contact" to be changed later if required. It also means the data-trove contains far more private info than most journalists describe. It is a significant distinction from a privacy perspective.













Jed Wesley-Smith @jedws · Apr 27

I said above the "[the app] records all interactions and uploads them to the central DB", it is important to note that this upload only happens per the user's request on being notified they're #COVID19 positive (ie. hopefully not all that much)

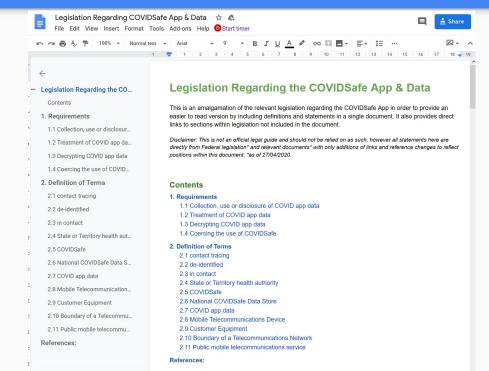
and the user consents for their data to be uploaded via a SMS 2FA flow. (ie. user consent $\stackrel{\textstyle \longleftarrow}{\Longleftrightarrow}$)

Data is expired after 21 days

PrivacyCleanerReceiver

- Deletes data older than 21 days from the Street Pass and Status Record sqlite3 databases
- Entry point is PrivacyCleanerReceiver.startAlarm(Context)
- startAlarm sets a repeating alarm with AlarmManager to run
 - o now (System.currentTimeMillis), and
 - o in one day (86400,000ms)
- AlarmManager then triggers the Alarm PendingIntent, which calls PrivacyCleanerReceiver.onReceive
- This calls a Coroutine which calls PrivacyCleanerReceiver.cleanDb
- Creates a java.util.Calendar (a very annoying-to-use datetime API) called twentyOneDaysAgo.
- Defaults to now. Sets hour=23, minute=59, seconds=59, then subtracts 21 days
- Passes this date to
 - $\circ \quad StreetPassRecordStorage.deleteDataOlderThan(twentyOneDaysAgo) \\$
 - Runs DELETE FROM record_table WHERE timestamp <= ? in StreetPassRecordDao Impl
 - StatusRecordStorage.deleteDataOlderThan(twentyOneDaysAgo)
 - Runs DELETE FROM status_table WHERE timestamp <= ? in StatusRecordDao Impl
- This seems reasonable.

Legislation



Database Schema

Epoch date	Human-readable date (GMT)	v	message	org	modelP	modelC	RSSI	txpower
1587917327	2020-04-26 16:08:47	1	< <msg>></msg>	AU_DTA	Nexus 5X	iPhone 7	-48	1
1587917378	2020-04-26 16:09:38	1	< <msg>></msg>	AU_DTA	Nexus 5X	iPhone 7	-41	1
1587917438	2020-04-26 16:10:38	1	< <msg>></msg>	AU_DTA	Nexus 5X	iPhone 7	-48	1
1587917500	2020-04-26 16:11:40	1	< <msg>></msg>	AU_DTA	Nexus 5X	iPhone 7	-52	1
1587917999	2020-04-26 16:19:59	1	< <msg>></msg>	AU_DTA	Nexus 5X	iPhone 7	-39	1
1587918012	2020-04-26 16:20:12	1	< <msg>></msg>	AU_DTA	Nexus 5X	iPhone 7	-38	1
1587918017	2020-04-26 16:20:17	1	< <msg>></msg>	AU_DTA	Nexus 5X	iPhone 7	-39	1
1587920525	2020-04-26 17:02:05	1	< <msg>></msg>	AU_DTA	Nexus 5X	iPhone 7	-46	1
1587920566	2020-04-26 17:02:46	1	< <msg>></msg>	AU_DTA	Nexus 5X	iPhone 7	-60	1

Contact Tracing Privacy

