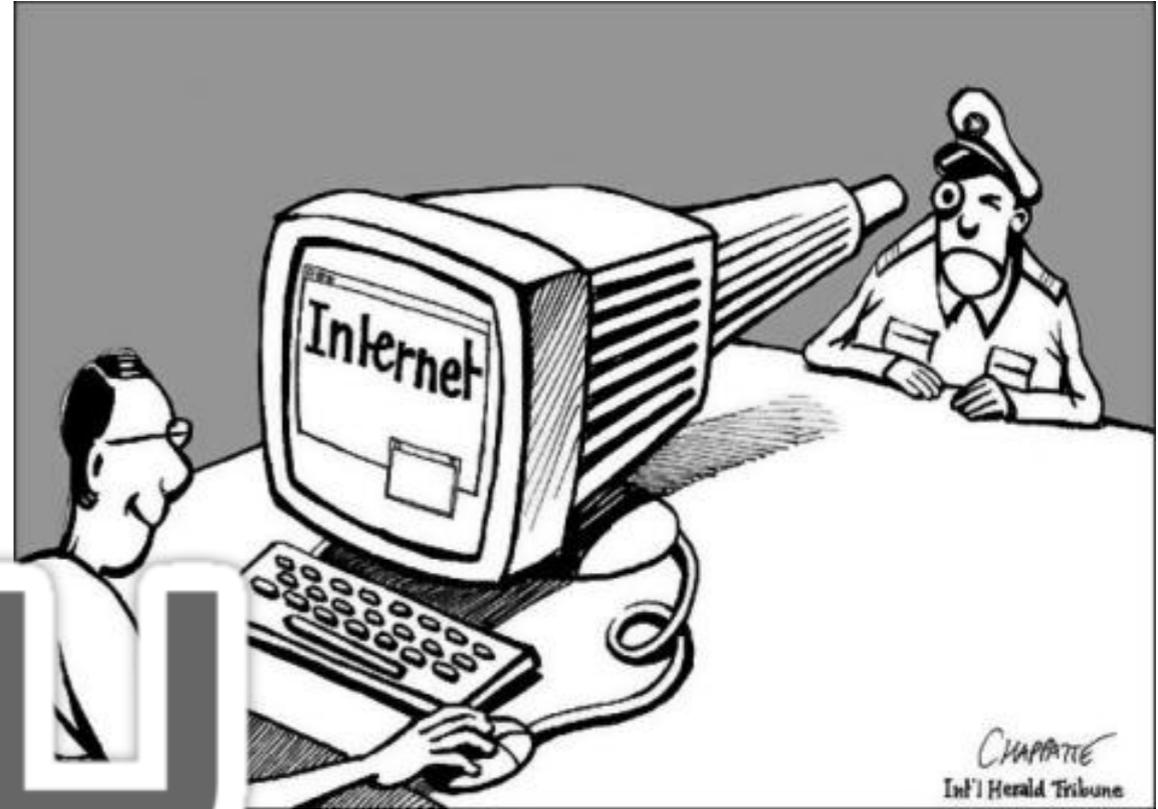




**THE GUARDIAN
PROJECT**
<https://guardianproject.info>

people behave differently
when being watched



YOU
ARE
BEING
WATCHED



we put privacy first



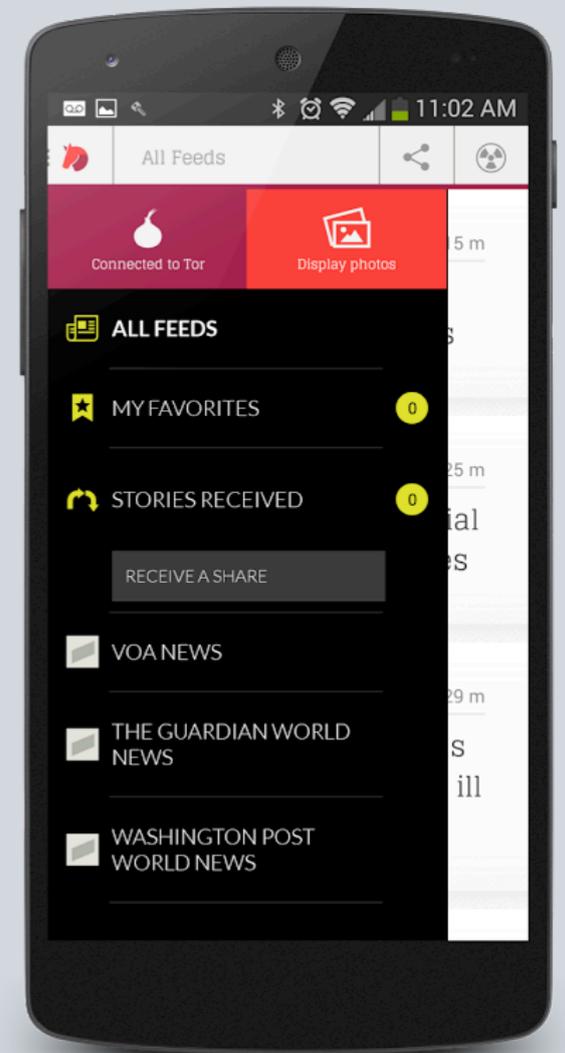
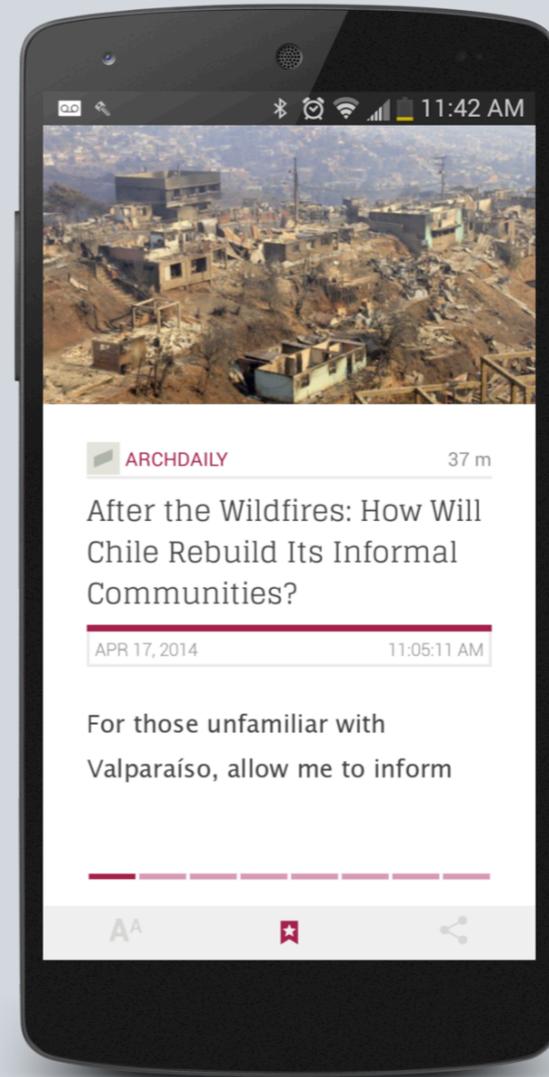
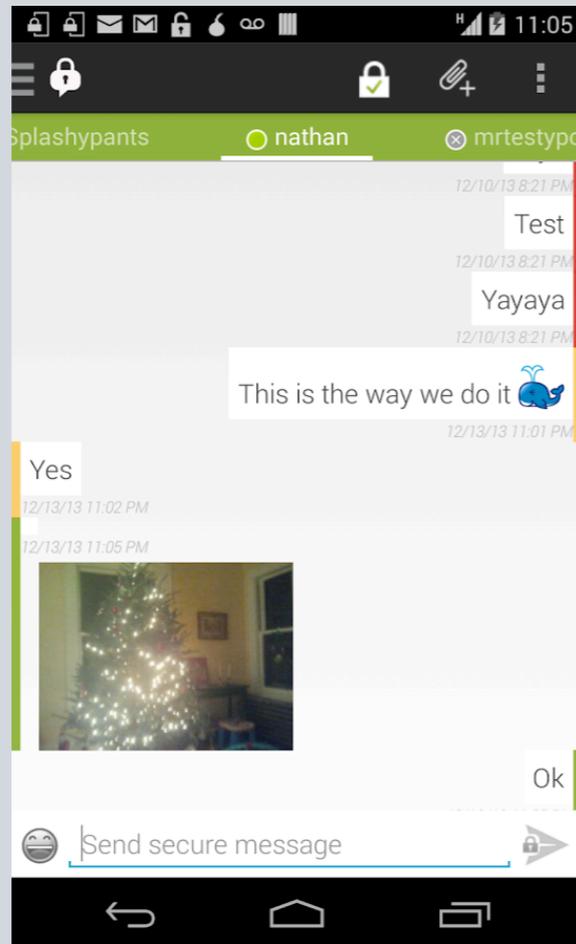
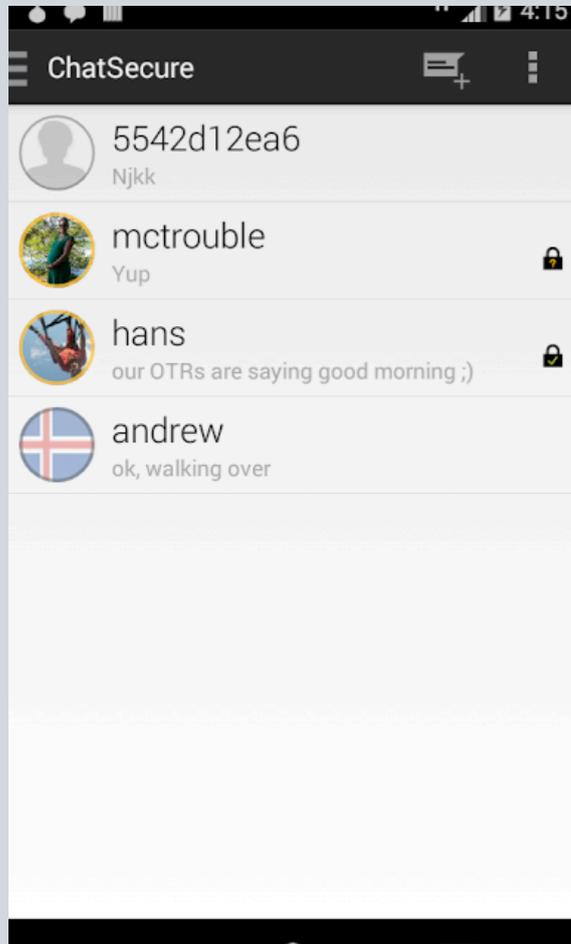
privacy through user experience



User experience

Design

modern design with privacy is possible





F-Droid

an Android app store that only distributes verified Free Software

F-Droid has solid security

- only HTTPS connections
- pinned TLS certificate
- signed metadata (e.g. Debian apt model)
- offline signing machines
- Android APK signatures secure updates

inspired by



debian

GNU/Linux

trust requires difficult decisions



make computers verify
to rely less on trust

funded by



what most app stores know

- your login/account
- everything you search for in the app store
- everything you look at in the app store
- everything you download, install, uninstall
- which apps you launch and use
- where you are
- your preferred language
- and more...

What must app stores know?

how to give you
the files you request

how to give you the files you request

- app indexes
- app descriptions and icons
- the app itself
- the client does the rest

garbage in means garbage out

reproducible builds!



now it is secure

- targeted attacks very difficult, even if f-droid.org fully collaborates
- anyone can verify the builds using F-Droid verification server or other methods
- software publicly audited by Cure53
- you do not need to use f-droid.org

chain of trust from source code to your phone

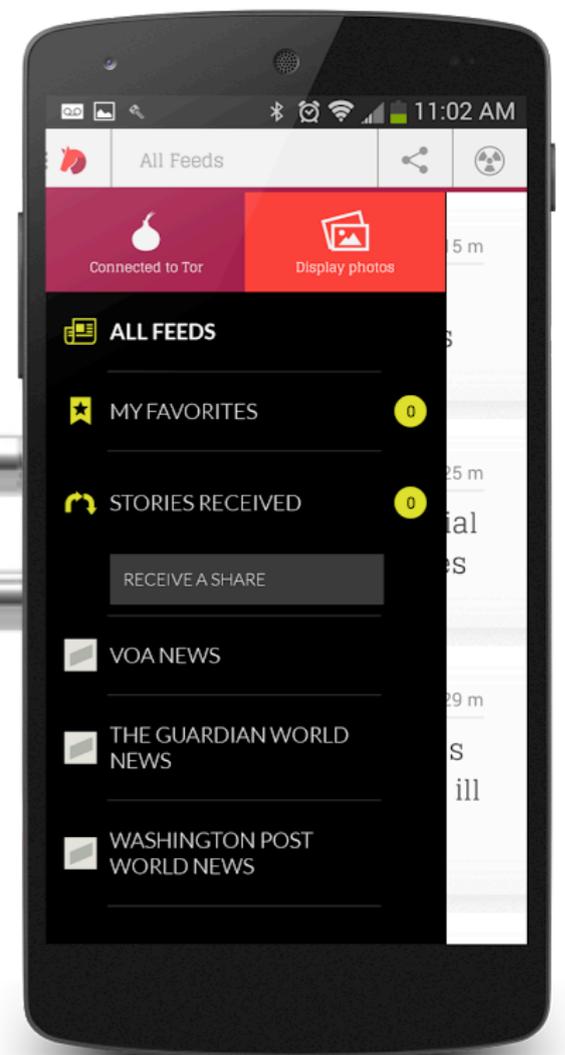
```
public class AlarmUpdater extends Activity {
    private Notification createNotification(PendingIntent intent, int minutes, int seconds, boolean isSmall) {
        // Set the icon, scrolling text and timestamp
        NotificationCompat.Builder builder = new NotificationCompat.Builder(this);

        // Set notification text labels
        builder.setContentTitle(getString(R.string.app_name));
        builder.setContentText(getString(R.string.countdown_complete));
        builder.setTicker(getString(R.string.elapsed_time, minutes, seconds));

        if (isSmall) {
            builder.setSmallIcon(R.drawable.notification_icon);
        } else {
            builder.setSmallIcon(R.drawable.icon);
        }

        builder.setContentIntent(intent);
        return builder.build();
    }

    public static class UpdateService extends Service {
        @Override
        public int onStartCommand(Intent intent, int flags, int startId) {
            notifyStatusBar();
            stopSelf();
            return START_NOT_STICKY;
        }
    }
}
```



getting apps, no matter what



coming soon!

- all implemented, now we are polishing it up
- media handling (audio, video, e-books, etc.)
- “collateral freedom” support (github, S3)
- app store “curation” tools



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There are many threats

