Got juice?

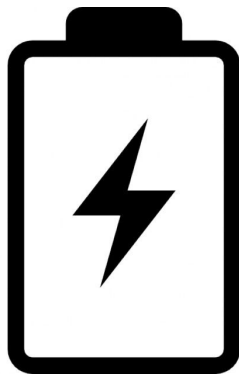**Serena Booth**
CS105: Privacy and Technology

The Product

Equipment

- ❏ 2x USB micro cables
- ❏ 2x Lightning cables
- ❏ Powered USB hub
- ❏ Box enclosure
- ❏ Power cable
- ❏ Raspberry Pi A+
- ❏ SD Card

The Product

But no one would use that...
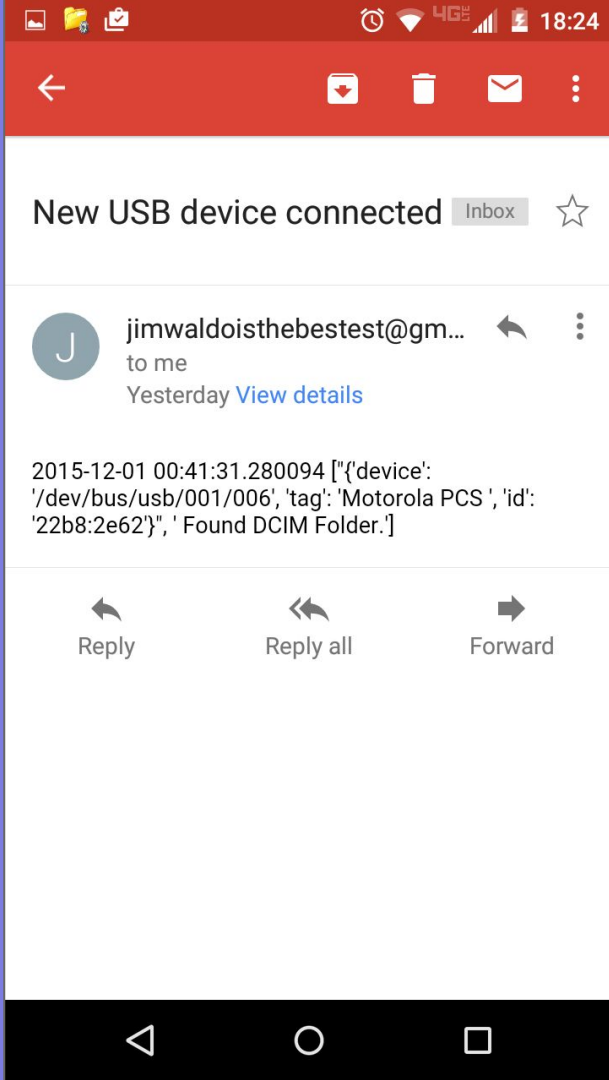
But no one would use that...
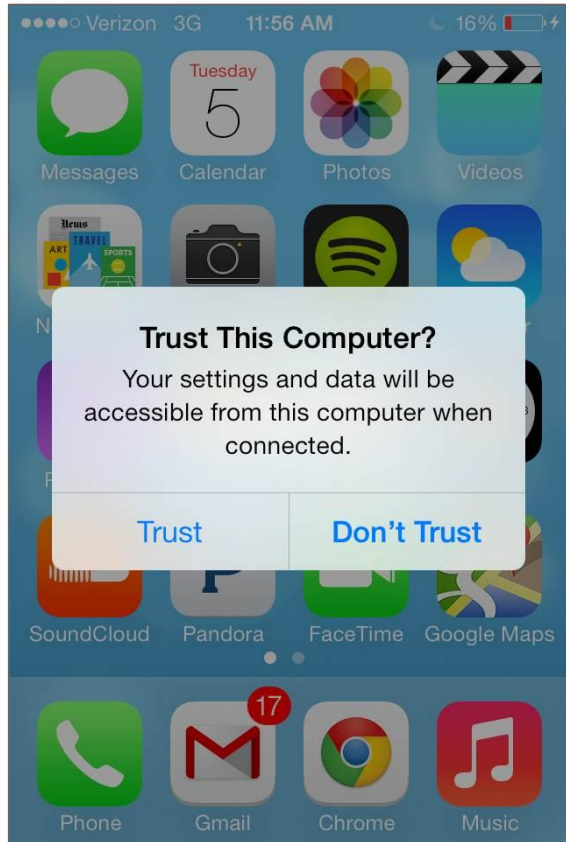

p.s. it's 38°
+ raining

How it works

1. List connected, unlocked USB devices

2. Connect via MTP (Media Transfer Protocol)

3. If (2), look for DCIM folder

4. Log user*

 * Or, better yet, post 3 random pics to Twitter

New USB device connected Inbox

J jimwaldoisthebestest@gm…
to me
Yesterday View details

2015-12-01 00:41:31.280094 ["{'device':
'/dev/bus/usb/001/006', 'tag': 'Motorola PCS ', 'id':
'22b8:2e62'}", ' Found DCIM Folder.']

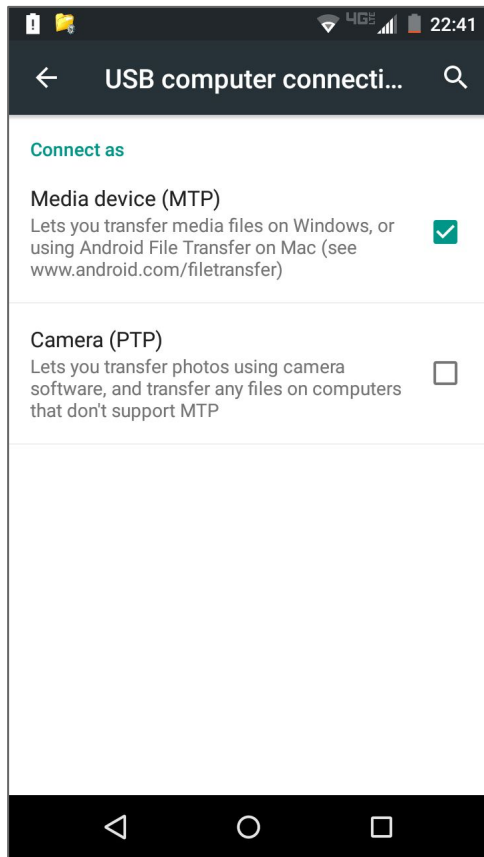Reply   Reply all   Forward

Protections - iOS 7+

- User unlock required

- "Trust This Computer"

  ○ Unsuspecting users

  ○ User error

  ○ Annoying!

Protections - Android 4+

- User unlock required

- MTP enabled by default

  - Device manufacturer autonomy

Protections - Windows

- Reevaluate life choices

- Data visible but inaccessible until unlock

  - In 8.1, data on removable storage devices accessible (StigViewer, V-58947)

10 users

Who relinquished their first line of defense.

In operation since 11/30, 7:41pm.

Defense

1. Don't use charging kiosks.

2. Turn off your phone!

3. Don't unlock your phone!

4. Android: turn off MTP + PTP.

5. iPhone: don't trust!

6. Wear a condom!

$4.99, SyncStop

Thanks :)