# Mobile App Privacy — You're Doing It Wrong

(and so am I)

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Fuzzy Aliens Limited

Desktop

Server

Telecom CO

Particle Accelerator

UX

Requirements Eng

Dev Ops

Source Control

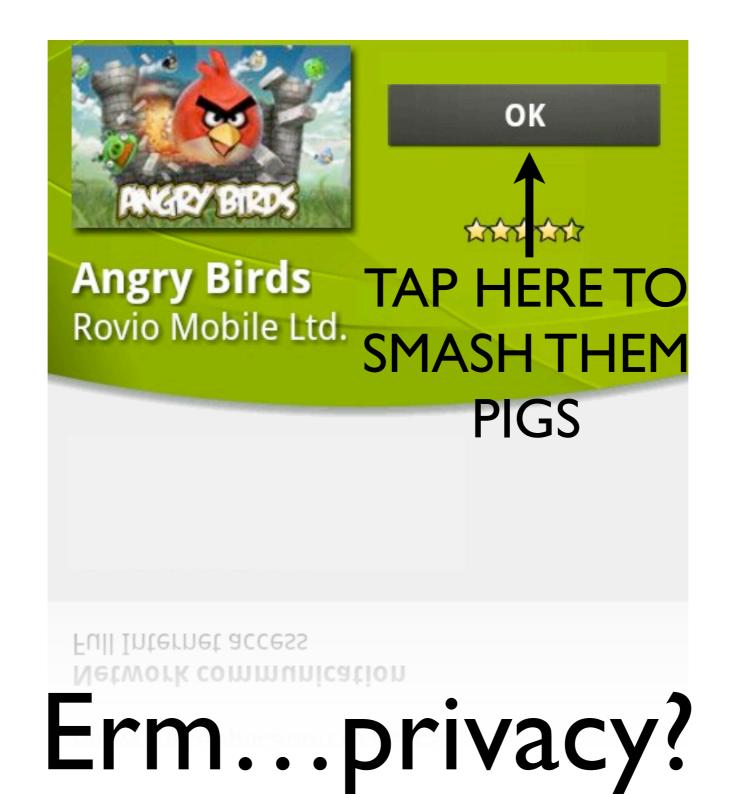


#### Pre-intro Disclaimer

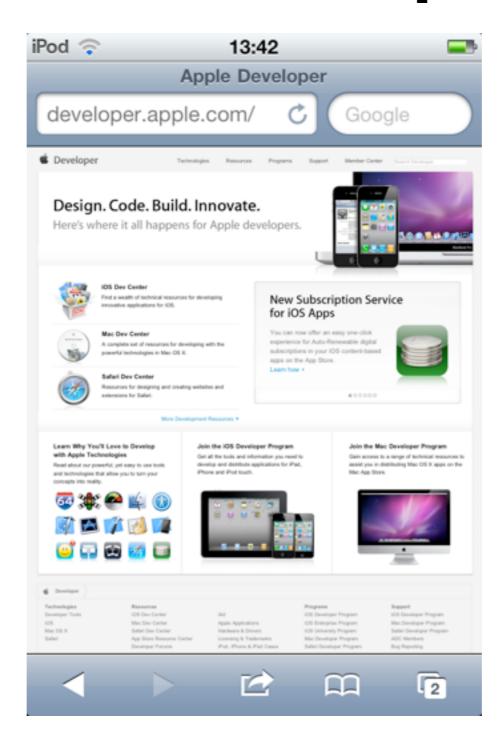
## Introductory Story

- I can't explain why I did what I did
- It's not just hard to explain the rules, I don't know them
- Ask me, I'll not only give the wrong answer, I'll do something different
- My original plan got replaced at run-time in the face of new inputs





## iOS Example



#### Historical Example



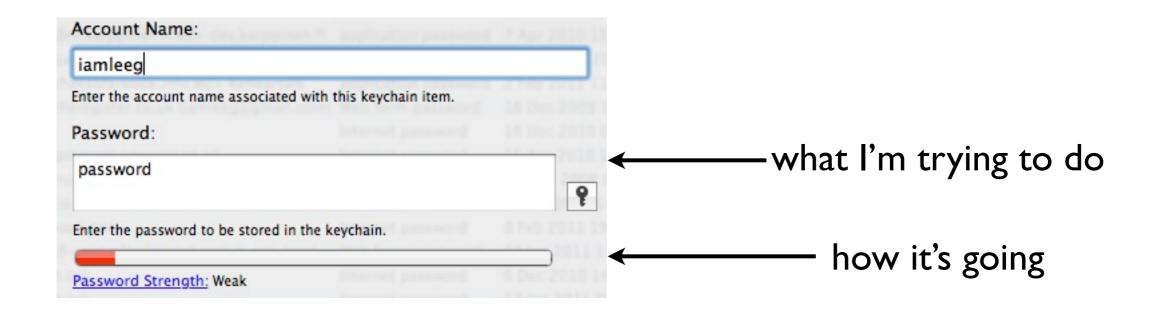
"The Platform for Privacy Preferences Project (P3P) enables Websites to express their privacy practices in a standard format that can be retrieved automatically and interpreted easily by user agents. P3P user agents will allow users to be informed of site practices (in both machine- and human-readable formats) and to automate decision-making based on these practices when appropriate. Thus users need not read the privacy policies at every site they visit.

# What can we draw from this?

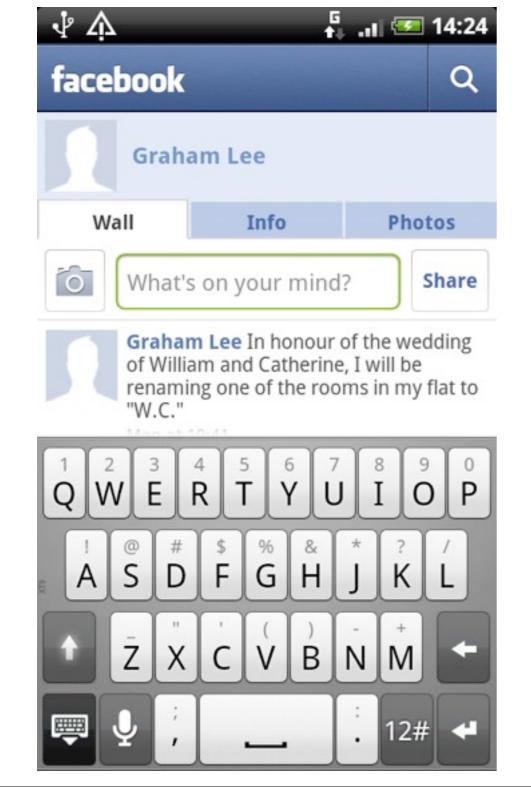
- People are capricious
- We can't tell you what information we'll use to make any decision
- A rational choice made earlier can be overridden by novel changes in environment
   Spammers and spammers and phishers know whichers know the changes in the control of the contro

# Therefore, give users an easily-digestible amount of pertinent information AT **DECISION TIME**

#### Just-in-time information



#### Social Media





Your mum can read what you post!

Change privacy settings



#### Social Media



Sure, please send invoice to fuzzy aliens limited, 295c Ab





Sure, please send invoice to fuzzy aliens limited, 295c Ab



#### Confidential Data



Subject: Conference guest

You asked for contact details for Bob, who you met at our sales conference. I've attached his details from our CRM.

Graham.

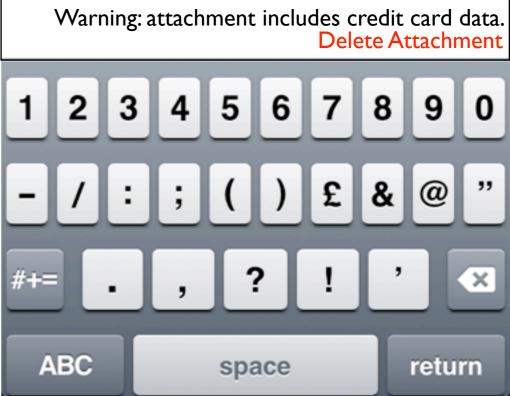




Subject: Conference guest

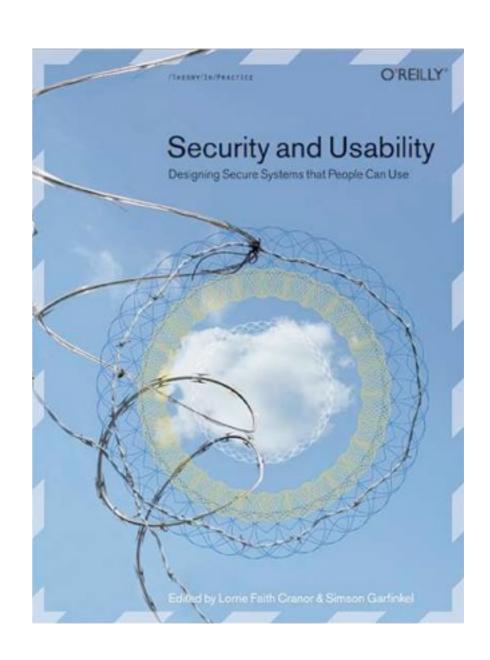
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## Summary

- Users can help themselves to privacy...
- ...if app developers do their part and help out
- AFFORDABILITY IS KEY (in everything)
- Read these books ⇒



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