Silos are for farmers

Julian Simpson
The Build Doctor

Visit
http://bit.ly/devopsqcon
for links and notes
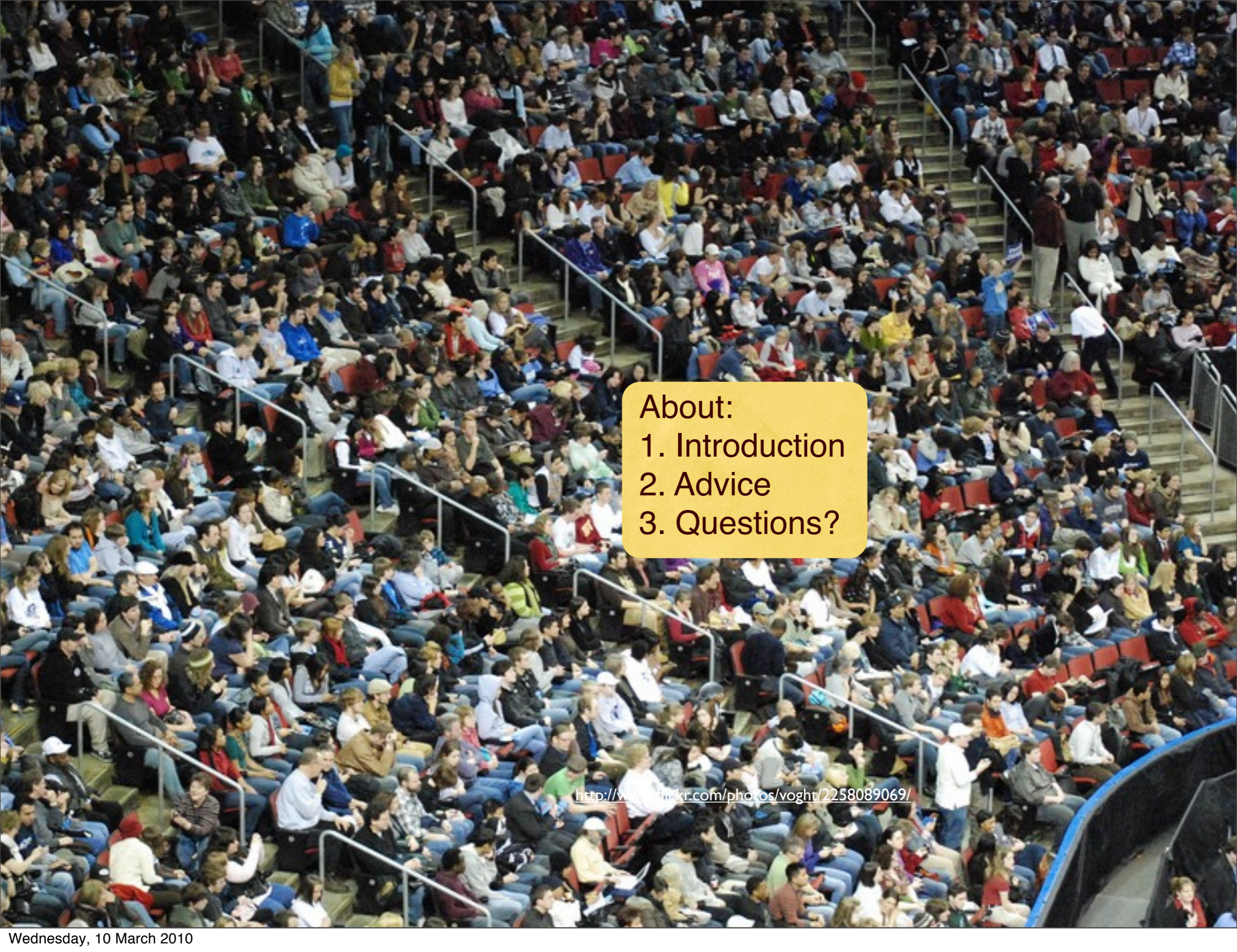
About:
1. Introduction
2. Advice
3. Questions?

Me

Conflict

"Don't waste my time, buddy.
You're just a dogsbody sysadmin; I write the software and
you merely service it.
So just shut up with your petty concerns and do as I say,
OK?"

Taken from http://serverfault.com/questions/16698/what-do-you-wish-developers-would-do-differently

"The Fuckup Fairy is a developer
who has only been on the project
for 6 months or so ...
...This touched off The Pontificator.
The Pontificator is another developer ..."

Taken from alt.sysadmin.recovery
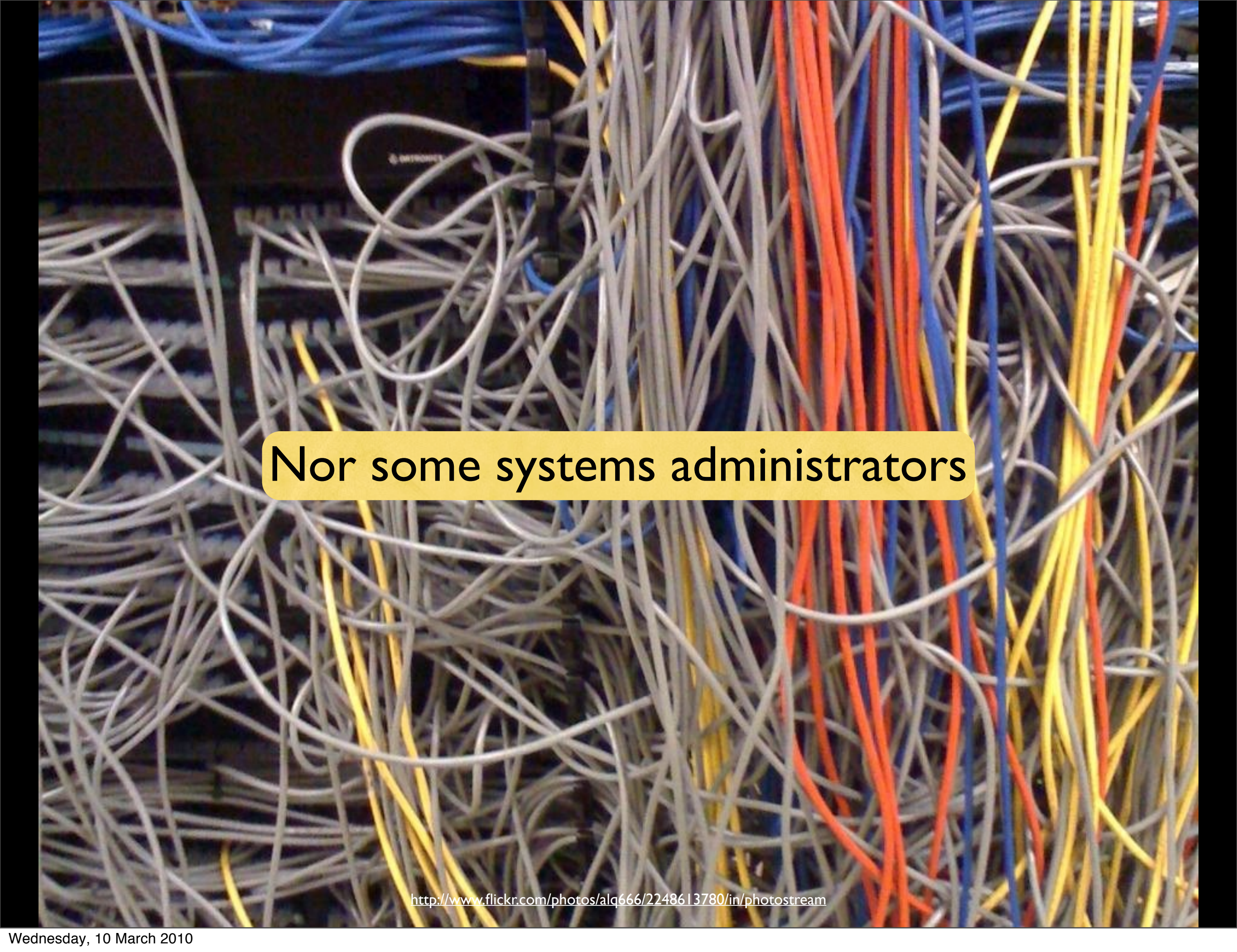
It shouldn't have to be like this

Wednesday, 10 March 2010

"That brings me to Dennis Ritchie. Our collaboration has been a thing of beauty" --Ken Thompson

Some developers aren't very good

http://www.flickr.com/photos/schmilblick/2629823009/

Nor some systems administrators

http://www.flickr.com/photos/alq666/2248613780/in/photostream

Some people want to hide

http://www.flickr.com/photos/wbaiv/3236672907/

Advice

GO FOR IT

W DEVON AV
6400 N

MEL G. THILLENS AV

http://www.flickr.com/photos/quinnanya/3457792408/

People

Don't use email. Just don't.

http://www.flickr.com/photos/brunogirin/2484786902/
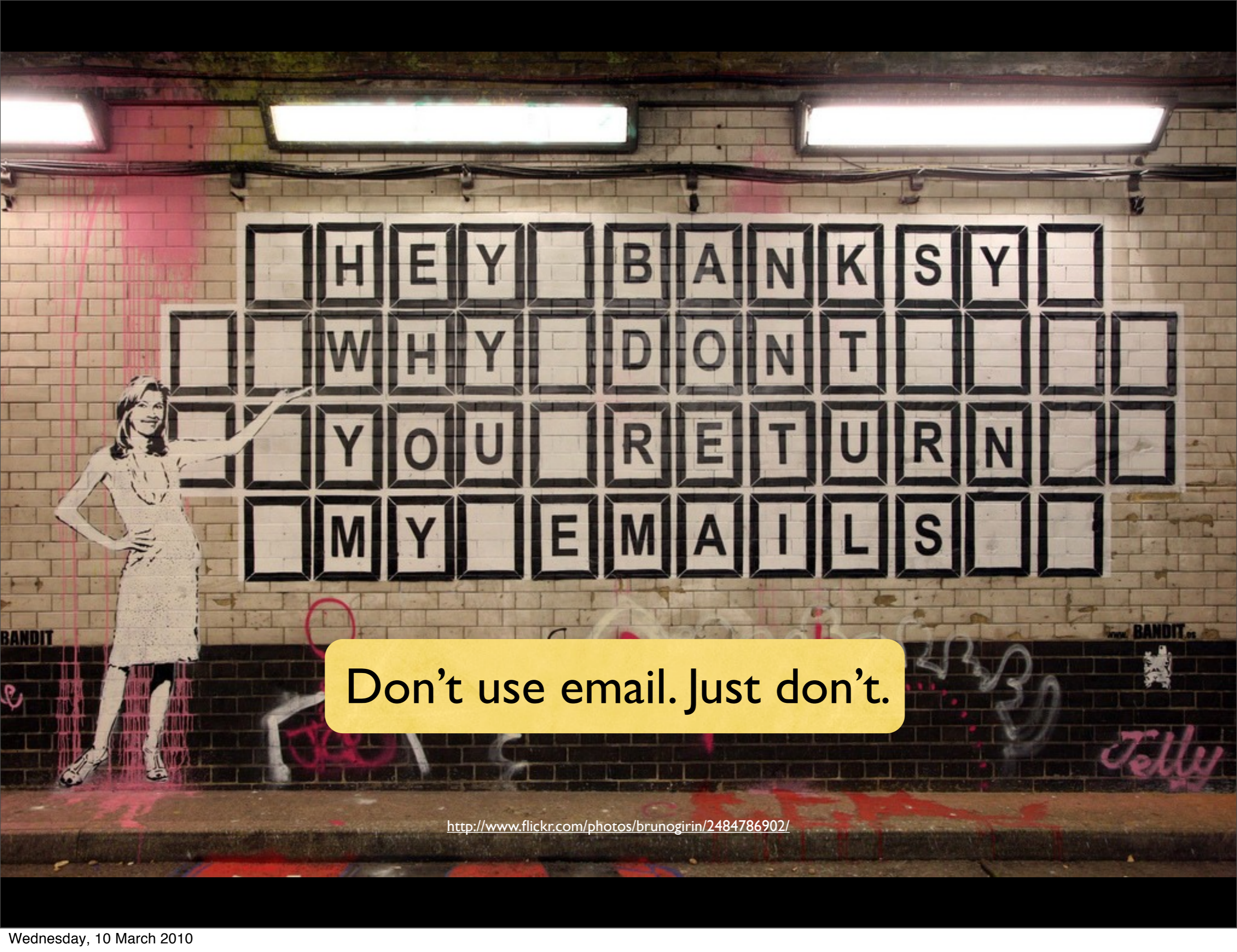
Respect everyone

Have lunch with the people on the other side of the wall

Discuss your problems
with other groups.

http://www.flickr.com/photos/clairity/154640125/

Invite everyone to stand-ups ...

... and retrospectives

http://www.flickr.com/photos/kimtaro/3393958979/
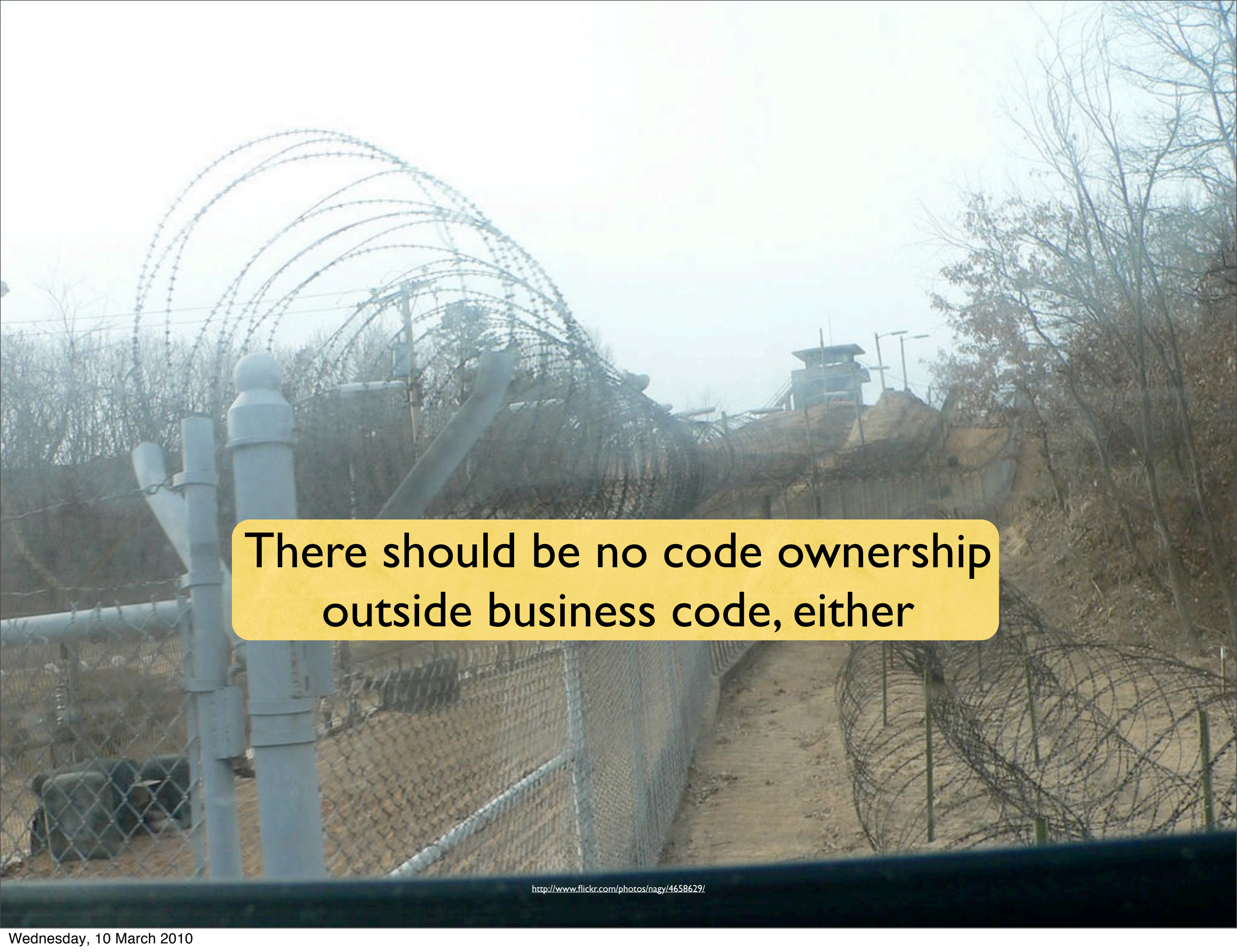
Co-locate the sysadmins and developers

Process

There should be no code ownership
outside business code, either

Pair with your sysadmin

http://www.flickr.com/photos/adewale_oshineye/306143949/

It's done when the code is in production

http://www.flickr.com/photos/mar1lyn84/2911863640/

Tools

Teach your sysadmins to use version control

http://www.flickr.com/photos/daquellamanera/70740020/

Help your developers write performant code
Help developers with managing their dev environment

(like SSH public keys)

Run your deploy scripts via CI
Use continuous deployment

Use Puppet or Chef

Choosing Consistency
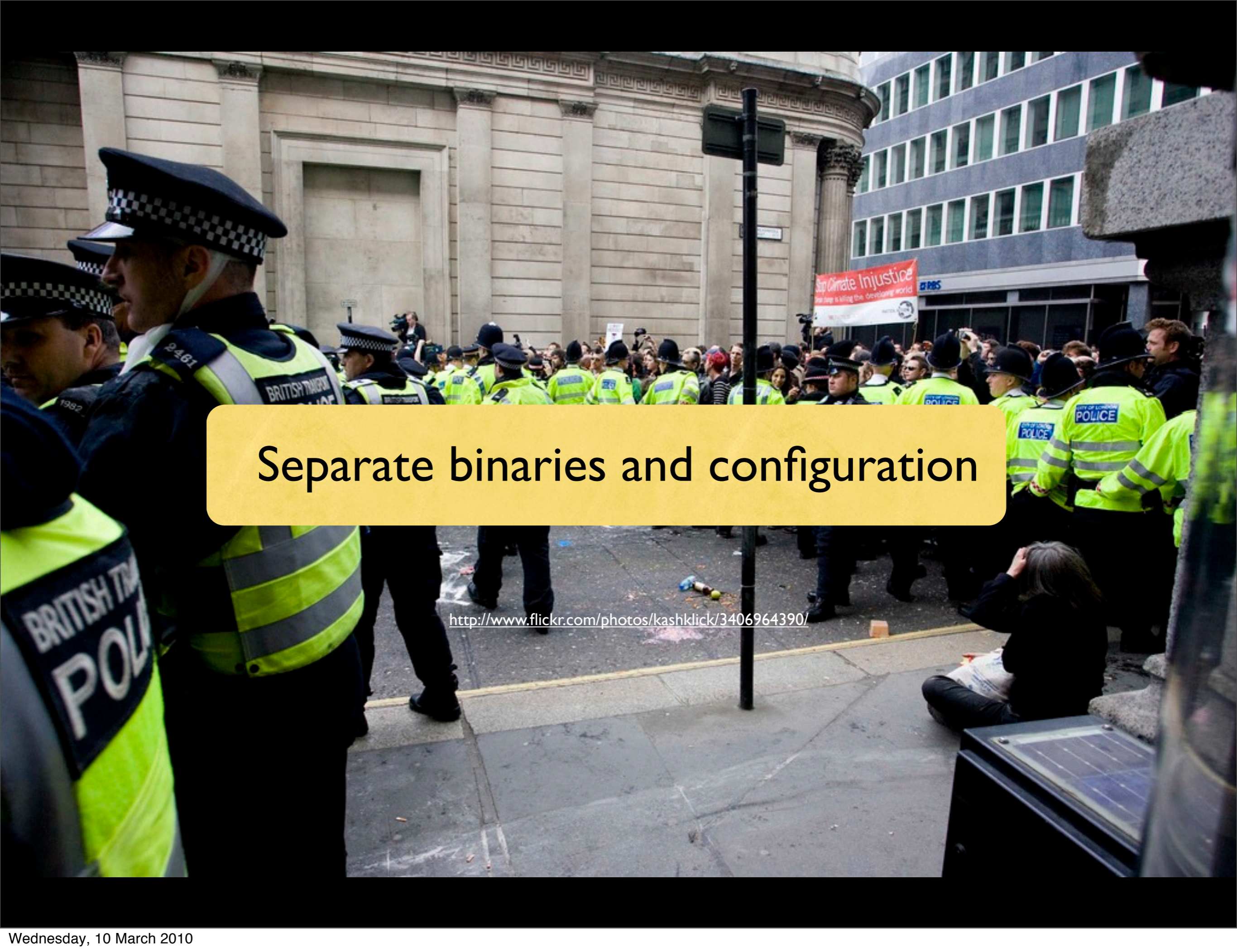for your Web App...

Means failure is global

FAIL

Synthesize monitoring and CI

Test monitoring in dev environment

OS Packages are your friend

http://www.flickr.com/photos/avlxyz/3014317179/

Separate binaries and configuration

http://www.flickr.com/photos/kashklick/3406964390/

Harden systems immediately
and enable logging
for tuning security configuration

http://www.flickr.com/photos/kdga/38116440

Give developers access to production logs and data

http://www.flickr.com/photos/misterdna/49841409/

Re-create the developer environment often

Questions?

http://www.flickr.com/photos/erikcharlton/2303709058/

Thank you!
More at:
http://build-doctor.com
http://twitter.com/builddoctor