



Nokia Bristol

NOKIA
Connecting People

Dev+Ops+Org - How we are including (almost) everyone

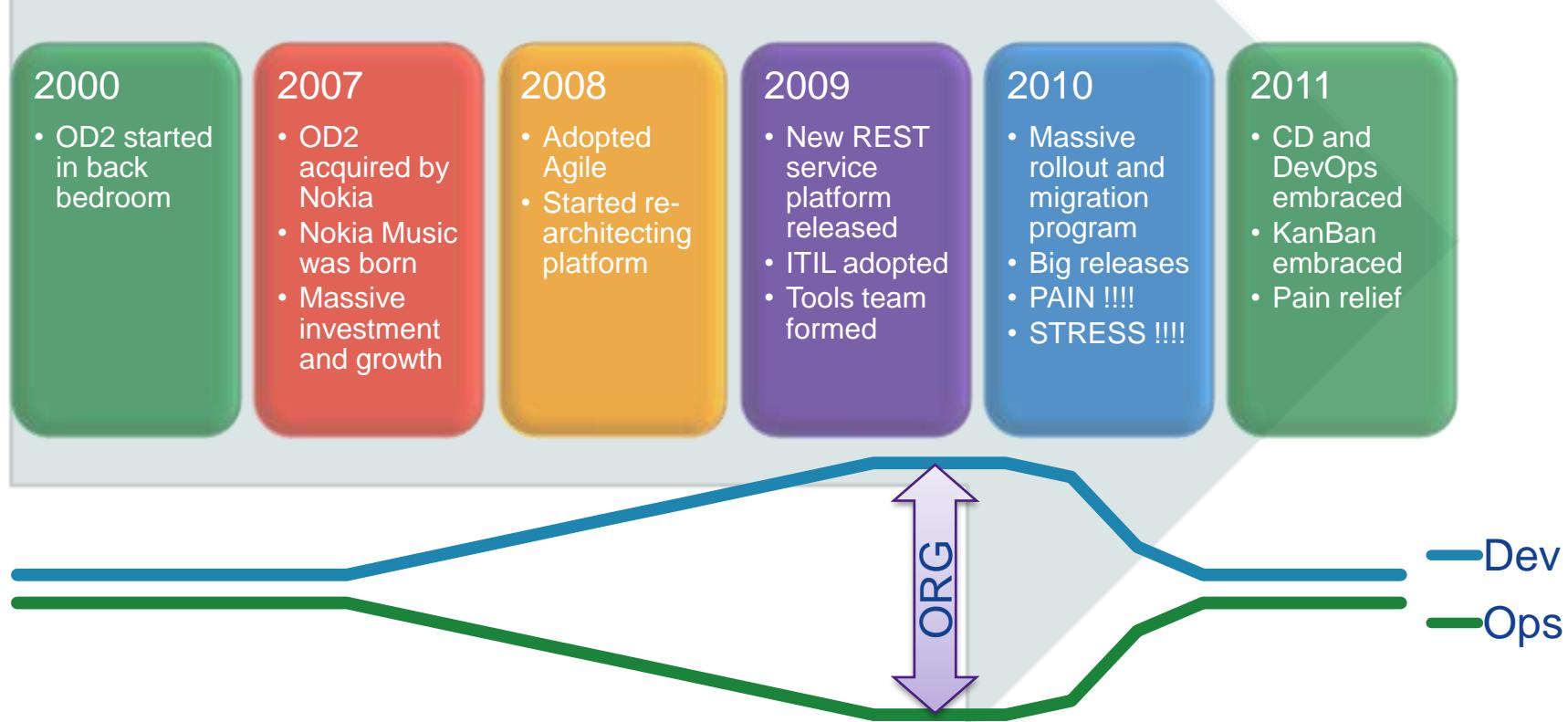
John Clapham & Paul Swartout
Nokia Entertainment

The Journey: Start-up mentality to Corporate and back again...

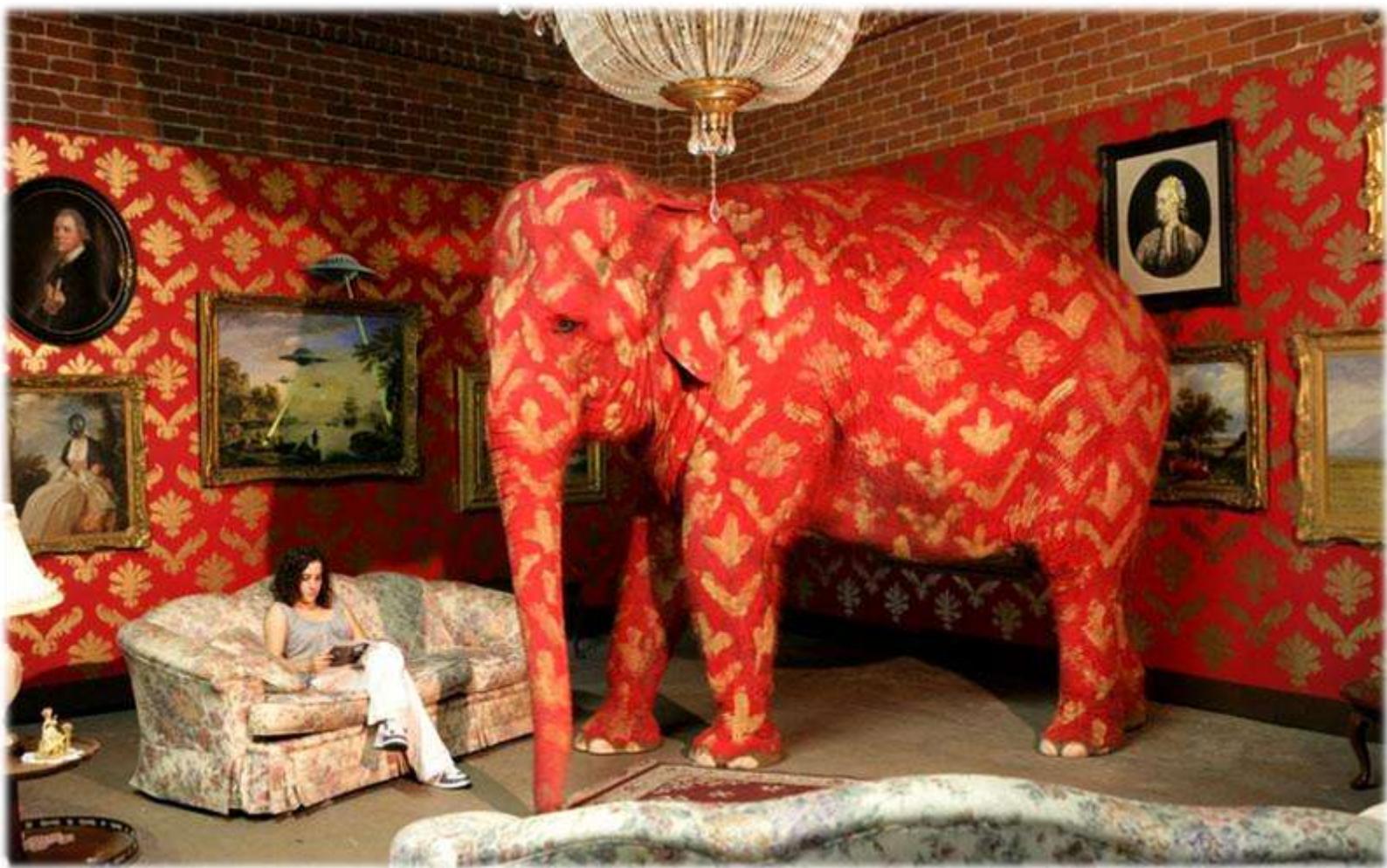


<http://www.flickr.com/photos/pinchof/1434232165/in/photostream/>

Time line ... how we came to be

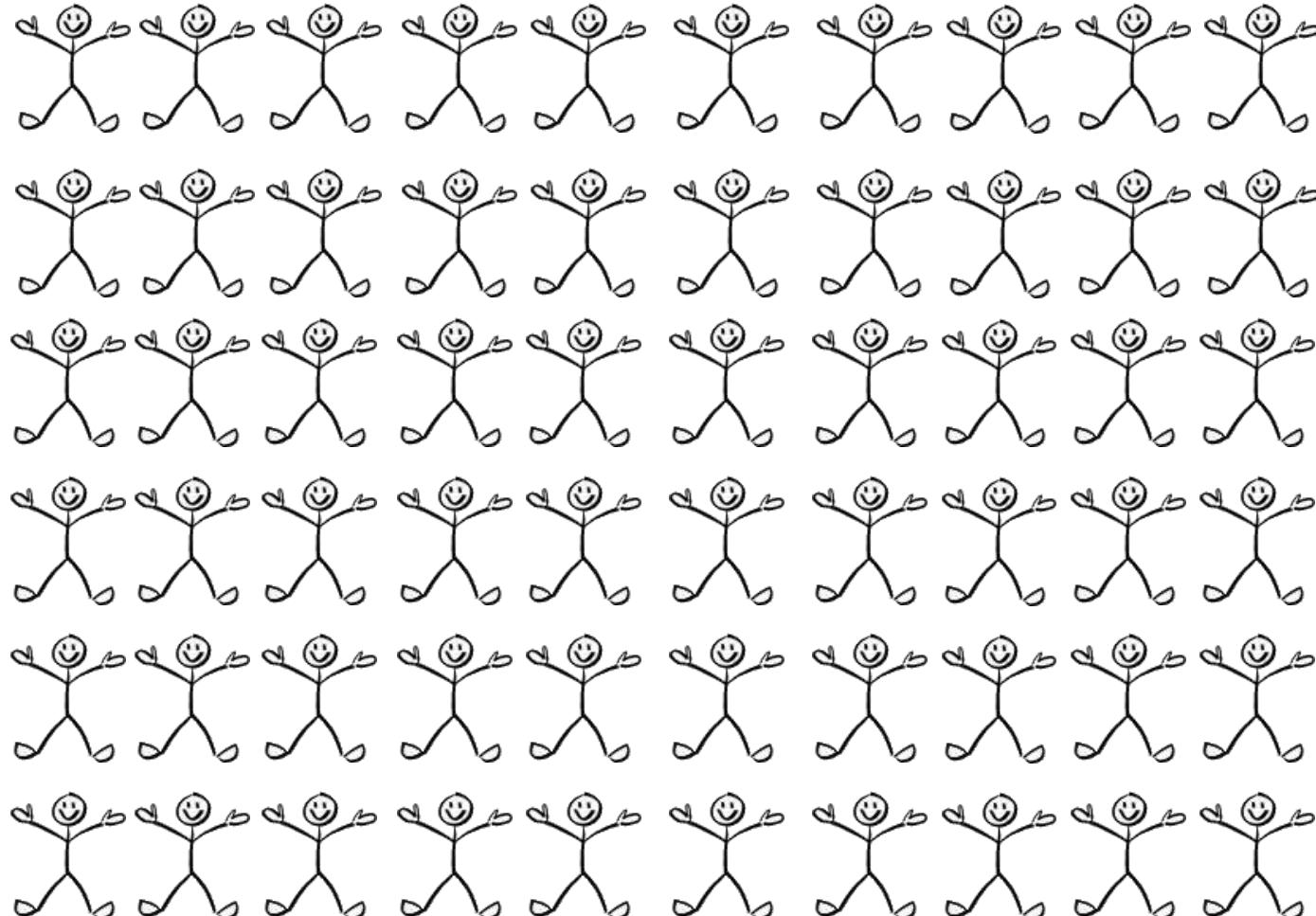


Elephant hunting...

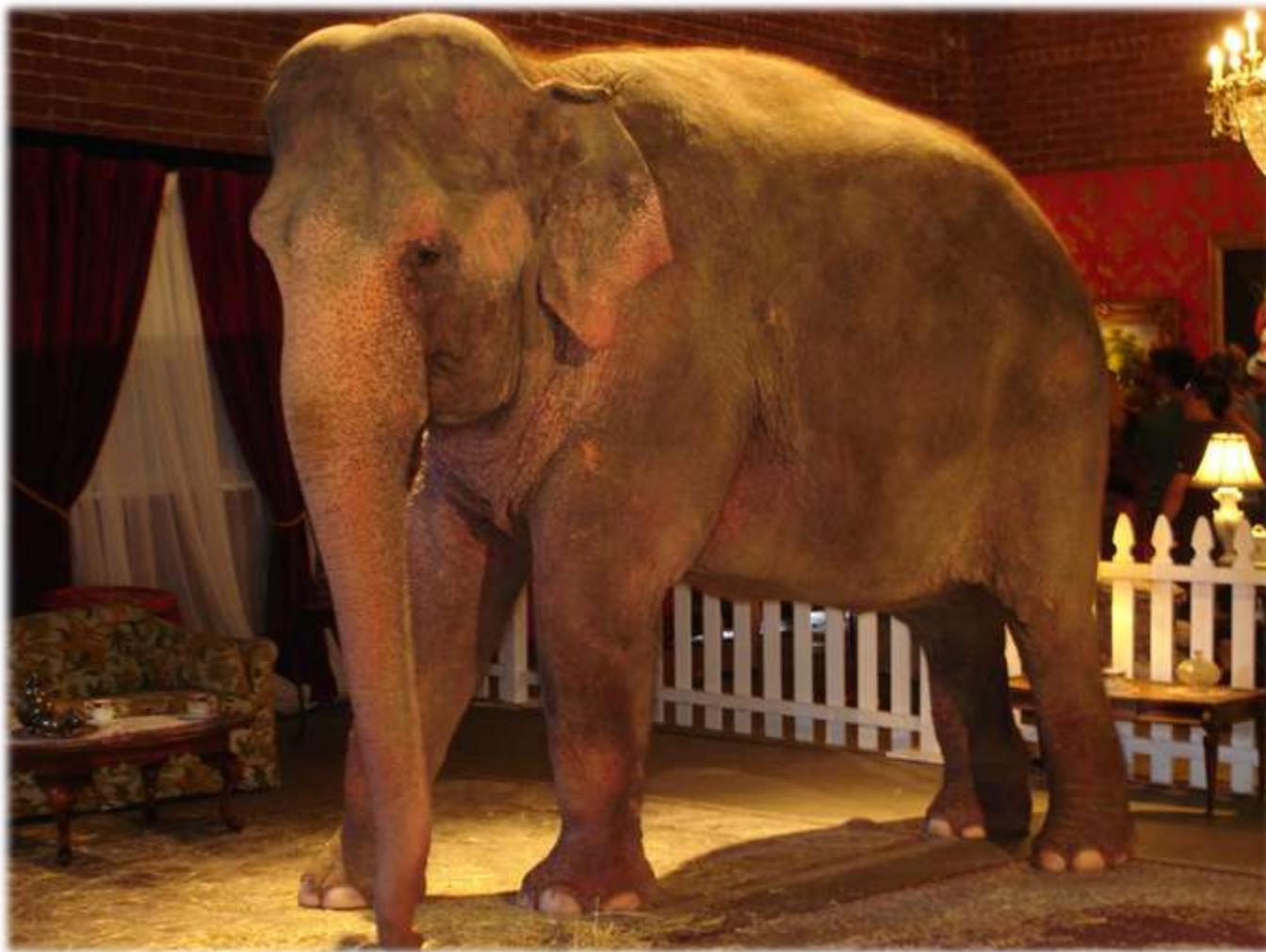


<http://hubreview.blogspot.com/>

Many hands make light work ... not



The elephant's new clothes...



<http://www.flickr.com/photos/mikefischer/247052184/in/photostream/>

Tools helped to ease the pain ... sort of



<http://www.wenger.ch>

Integration: Why Dev+Ops+Tools may not be enough



<http://www.wenger.ch/giant-knife-wenger-swiss-army-knife>

Collaboration: Building a relationship beyond DevOps...





Mark J Dossett (CC) 2010

<http://www.flickr.com/photos/markjdos/4532832466/>



<http://www.flickr.com/photos/ratcake/3159815371/>

Corporate Organization...

Quality
Assurance



Engineer



Product
Manager



Project
Manager



Architect



Ops



Change Control



Error Manager



Networks



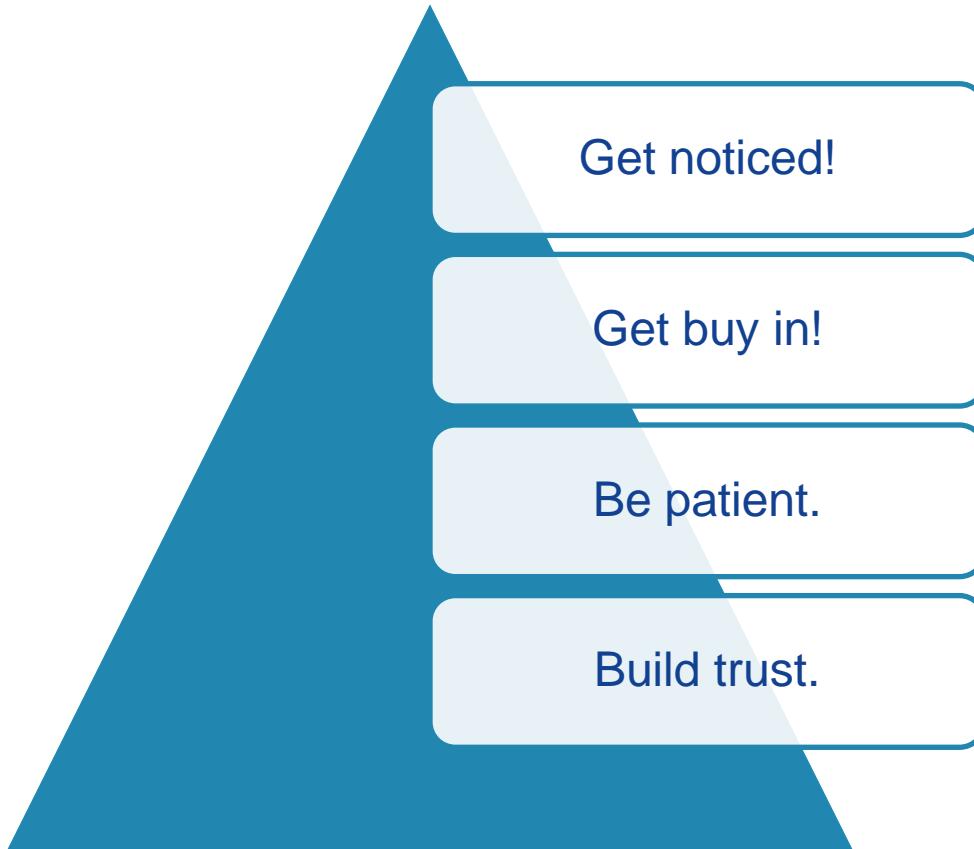
Testers



Start-up Organization...



Collaboration, some principles...



Inspiring trust...



Collaboration, some ideas...



Use just enough tools

Create an org to encourage collaboration

Mix up roles

Learn together

Culture: Changing the default pattern to allow DevOps to thrive...

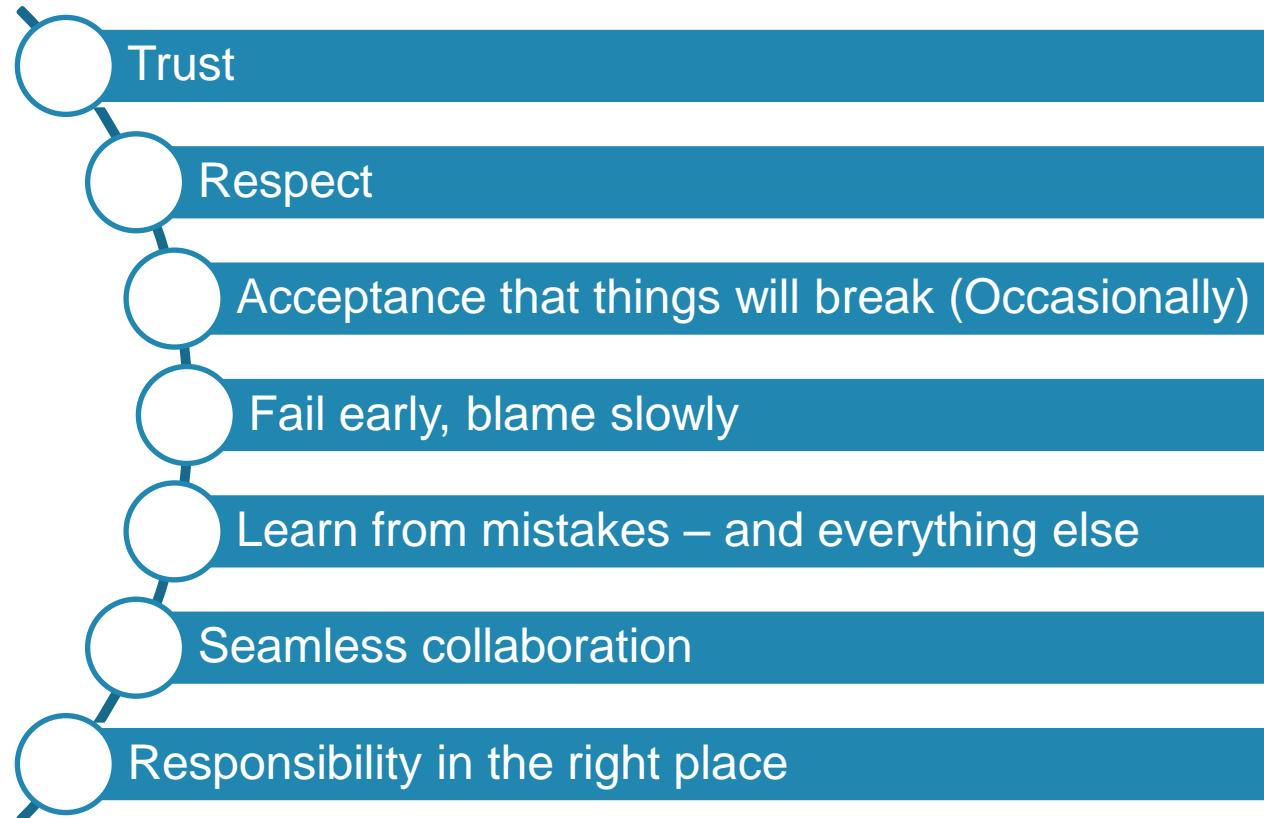


<http://www.flickr.com/photos/edubya/4027419090/in/photostream/>



<http://www.flickr.com/photos/plonq/5604204042/>

Culture, our aspirations...



Culture, what is working for us...



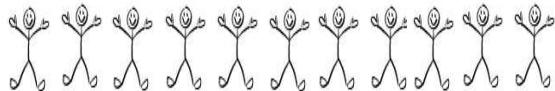
The future: It's a long and winding road with growing pains - but it's worth it!



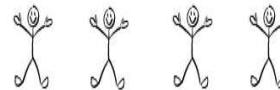
<http://www.flickr.com/photos/ejh/5199033936/in/photostream/>

Has including everyone worked?

6 releases / 140 components
January to December 2010



246 releases / 246 components
January to October 2011





Fragile.

<http://www.flickr.com/photos/genbug/4366202221/>

Long Summary...

Effort spent on release activities, rather than features told us we had a problem...

...we introduced good tools....

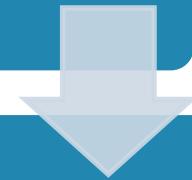
...encouraged collaboration...

...joined everyone in our dev ops culture...

...and delivered more, with less effort!

Short summary...

Dev + Ops = Great!



Dev + Ops + Org = Awesome!



Including (almost) everyone
worked...for us!

Thanks!



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