Mob Programming
A Whole Team Approach

mobprogramming.org

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Twitter: @WoodyZuill

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"The value of
another's experience
is to give us hope,
not to tell us how
or whether to proceed."

Peter Block

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Hunter

HUNTER INDUSTRIES

Residential and Commercial Irrigation and Lighting

Built on Innovation

Mob Programming

All the brilliant minds working together

on the same thing…
at the same time…
in the same space…
on the same computer…

Gather together people with all the needed skills and knowledge

Completely Different, All Together

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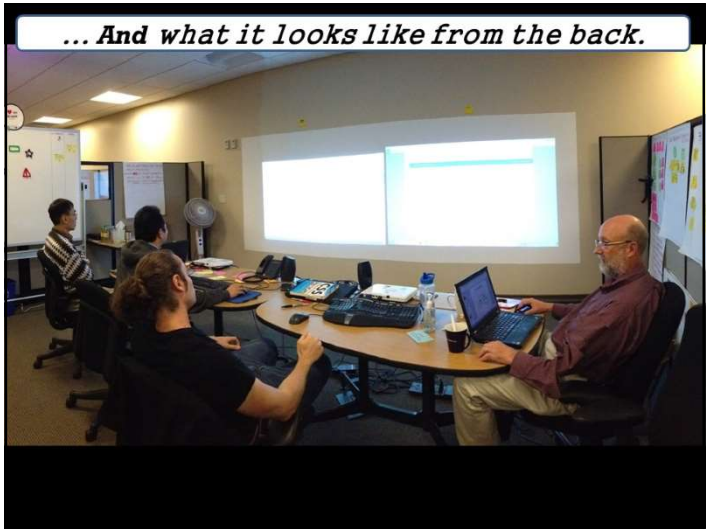


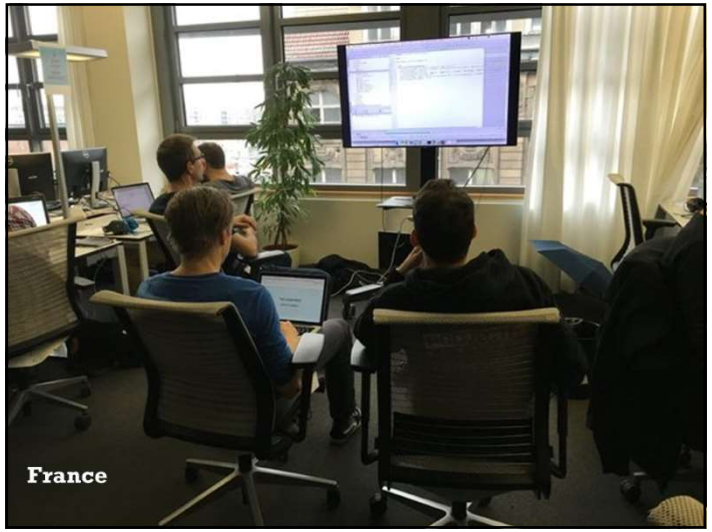
This seems preposterous

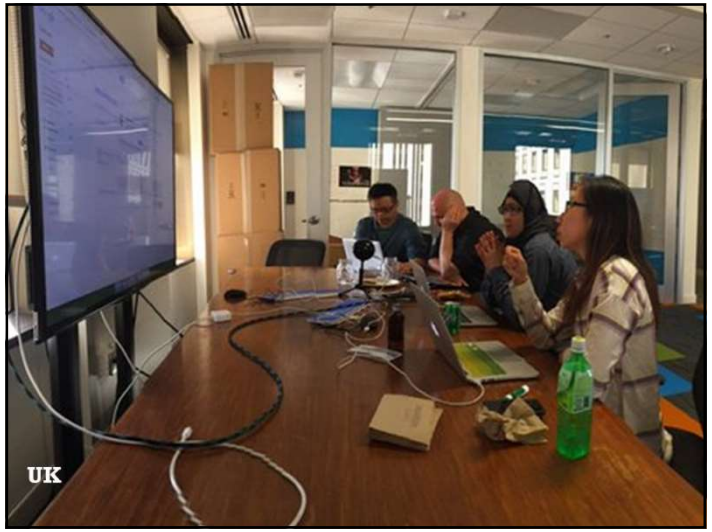
Contrary to reason or common sense; utterly absurd or ridiculous.

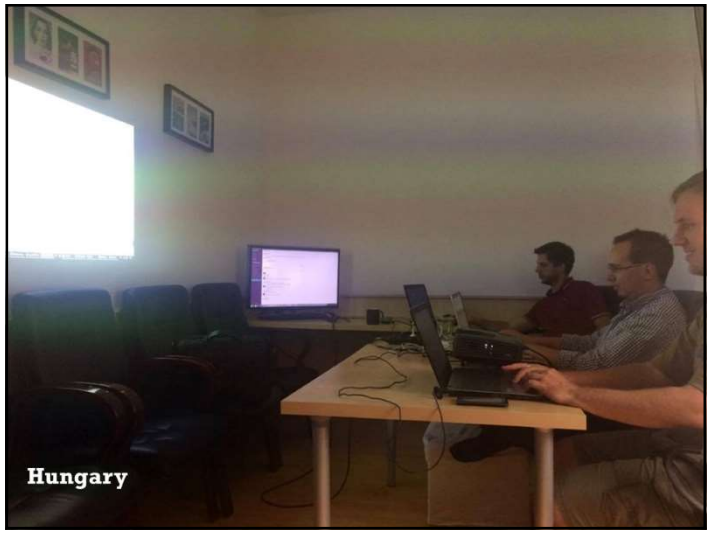
8

Yet this is being done
all over the world.
Hunter Industries
San Marcos, CA

Alaska

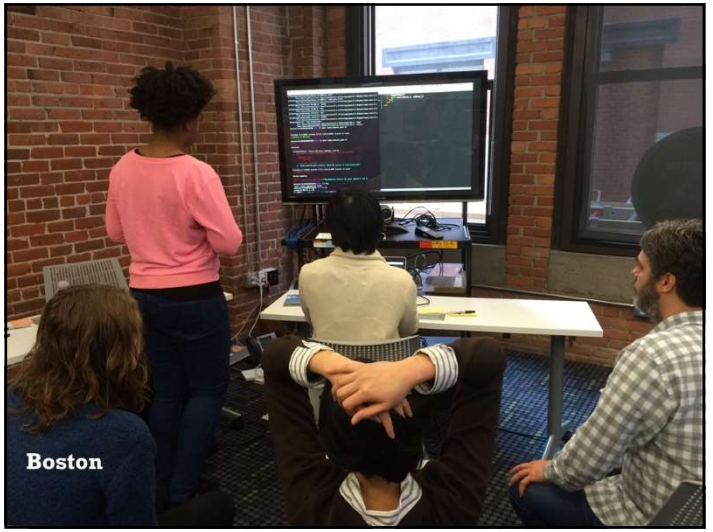

France


UK


Hungary

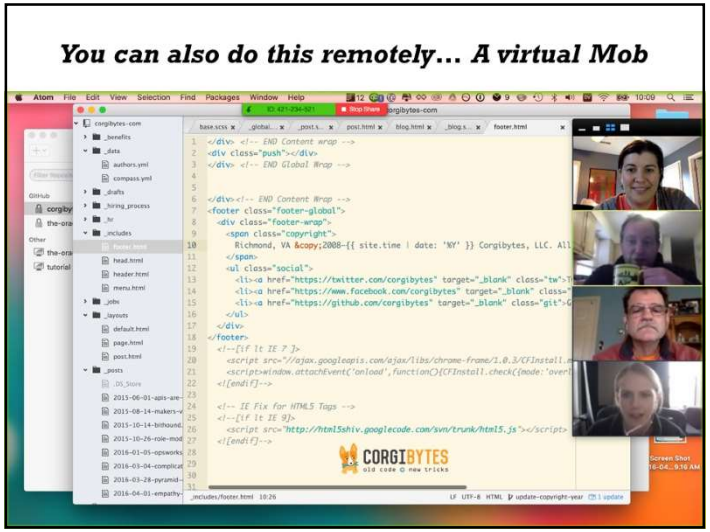
GDS London

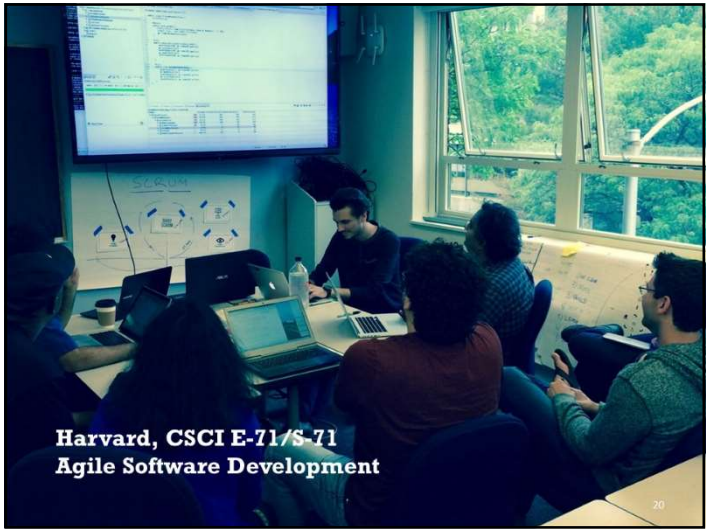
GDS London
15

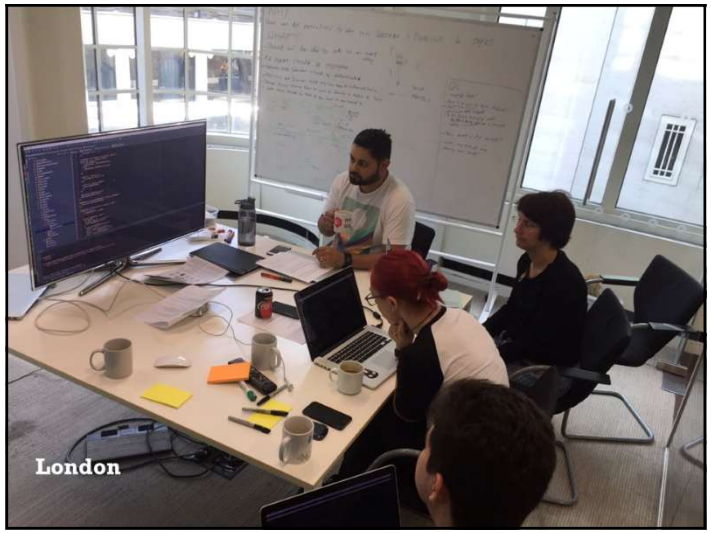

Boston

Stockholm

FOSDEM
Unruly - London

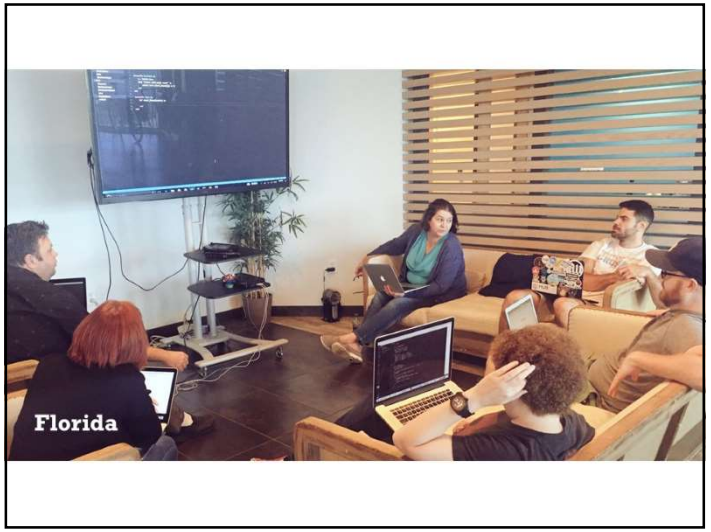

You can also do this remotely... A virtual Mob
CORGIBYTES
old code ⊙ new tricks


Harvard, CSCI E-71/S-71
Agile Software Development

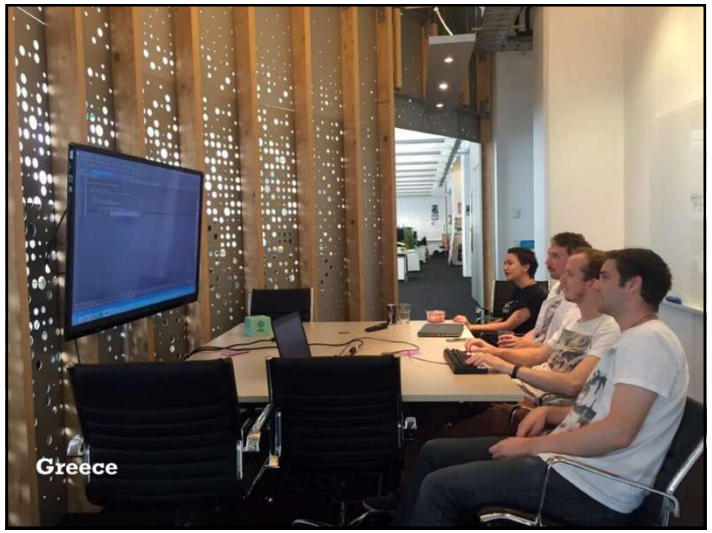

London

South Africa

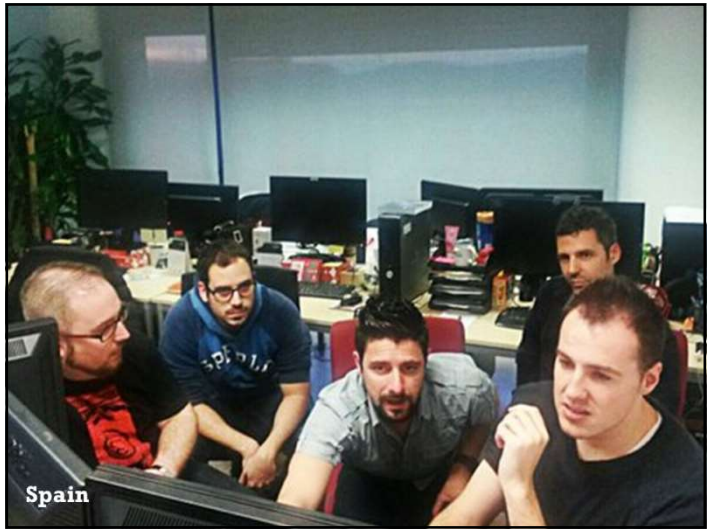
Prague


Florida

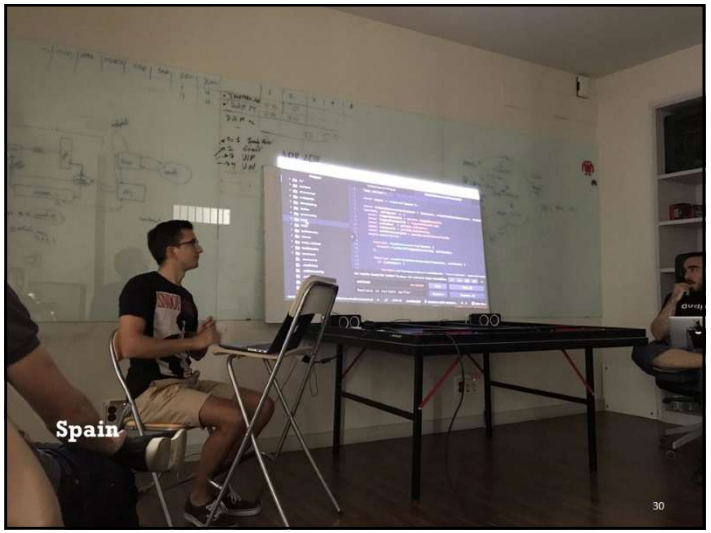
1960?


Greece

Goteborg, Sweden


Spain

Bonn, Germany


Spain
30

Japan
31

NASA Mission Control

A Day in the Life…

https://youtu.be/p_pvslS4gEI

33

Why would we work this way?

34

Why would we work this way?

- Knowledge sharing
- Continuous code and design review
- Higher quality
- Rapid feedback
- Many perspectives on the work
- Better solutions
- Get more done
- More fun, less stressful, more engageing… etc.

35

Why would we work this way?

Because the team decided to.

36

We've covered:
What is it,
Why we do it,
now a bit about a technique we use.

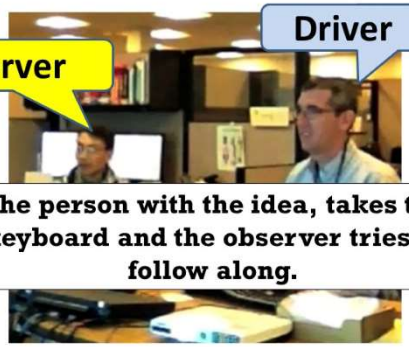
37

Driver/Navigator

Pair Programming

38

Driver/Observer



The person with the idea, takes the keyboard and the observer tries to follow along.

39

Driver/Navigator

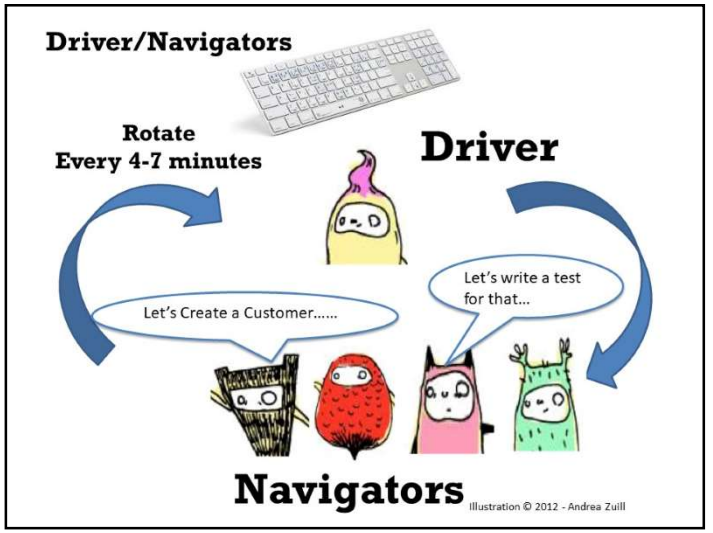
For an idea to go from someone's head into the computer it must go through someone else's hands.

Llewellyn Falco

40

Driver/Navigators

41

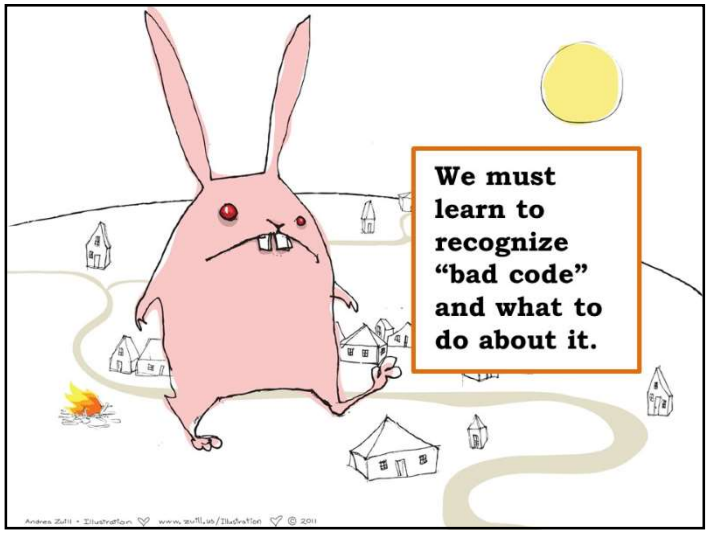


How it Started.

43

How we "discovered" Mob Programming

44



Let's figure out how to work well together

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The people doing the work can best determine how to do that work

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Weekly Team Study And Practice Session

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Using a Coding Dojo style of deliberate practice

We focused on getting good results from doing retrospectives

51

Andrea Zuill © 2013

Turn Up The Good

52

Illustration © 2013 - Andrea Zuill

Then one day…
It was time to resurrect
one of those
Big, Nasty Projects
Andrea Zuill • Illustration
www.zuill.us/Illustration
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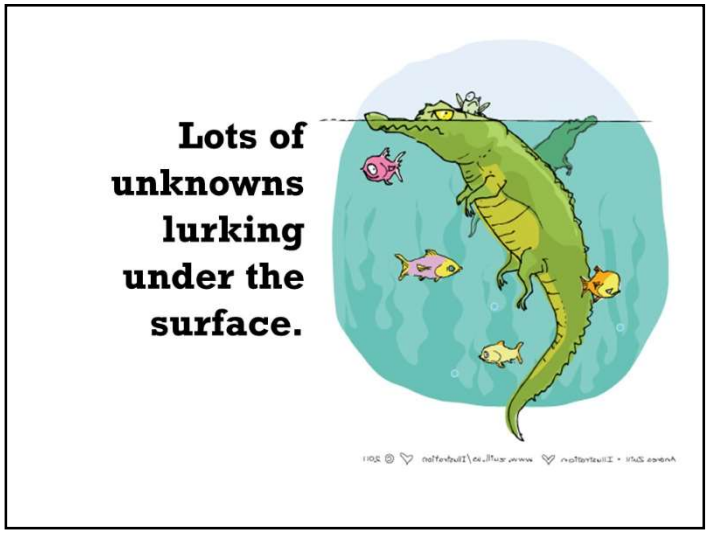
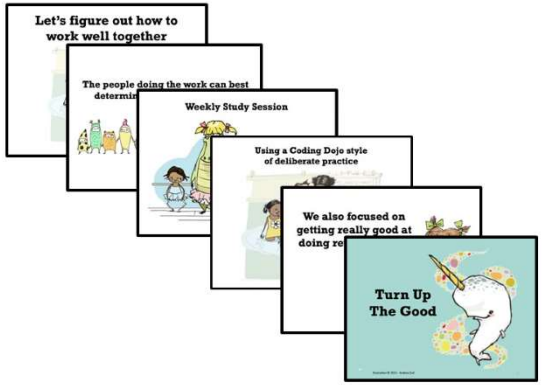

Lots of
unknowns
lurking
under the
surface.

We gathered everyone together
(For a meeting to re-familiarize
ourselves with the project)
Illustration © 2014 - Andrea Zuill

Working on it together
Andrea Zuill © 2015

This combination of little ideas…



The object isn't to make art, it's to be in that wonderful state which makes art inevitable

Robert Henri

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How can we work this way?

Individuals and Interactions
Kindness, Consideration, Respect

59

Andrea Zuill © 2013

Relaxed, Sustainable

Be prepared to
Contribute
The Right Thing
At the Right Time
In the Right Way

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60

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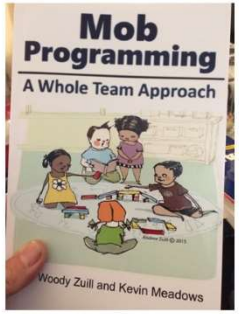
Mob Programming Book



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