

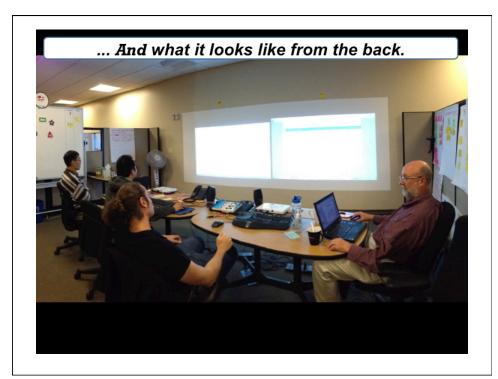
Mob Programming

All the brilliant minds working on

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

mobprogramming.org – Illustrations © 2012-2016 Andrea Zuill





A Day in the Life...



Full day of work in a 3-minute time-lapse video https://youtu.be/p_pvslS4gEI

How we "discovered" Mob Programming



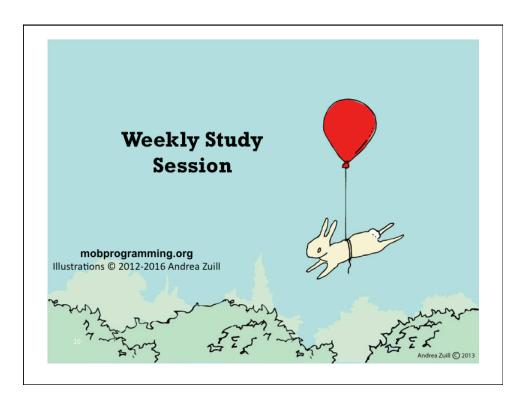
mobprogramming.org – Illustrations © 2012-2016 Andrea Zuill



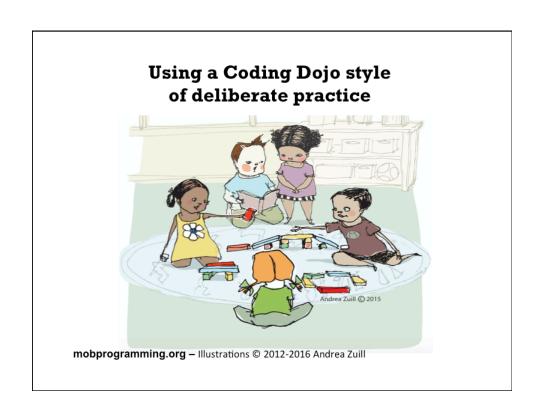
The people doing the work can best determine how to do that work



mobprogramming.org – Illustrations © 2012-2016 Andrea Zuill



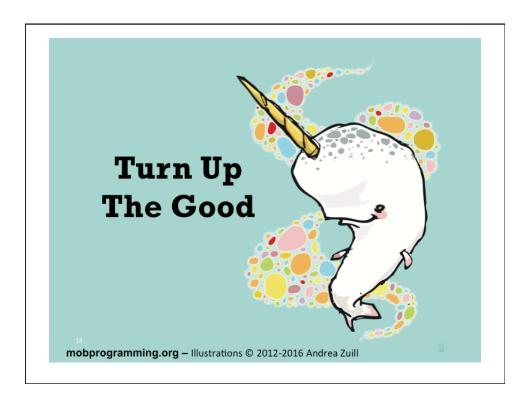




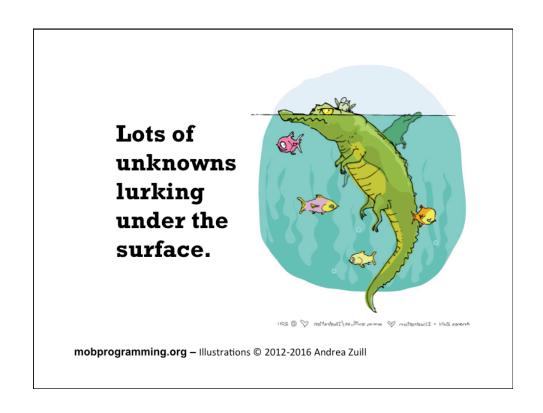


 ${
m f mobprogramming.org}$ — Illustrations © 2012-2016 Andrea Zuill

Andrea Zuill © 2013







We gathered everyone together



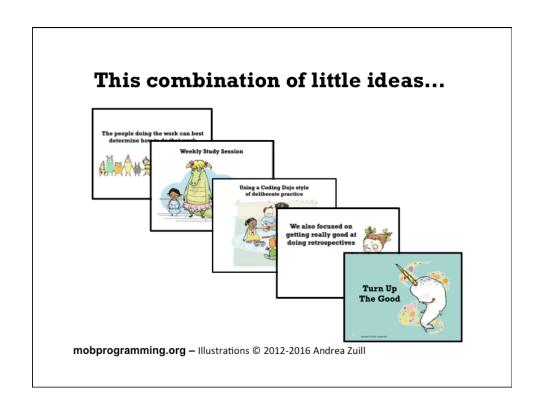
(For a meeting to re-familiarize ourselves with the project)

mobprogramming.org – Illustrations © 2012-2016 Andrea Zuill

We started working on it together



And Mob Programming was born





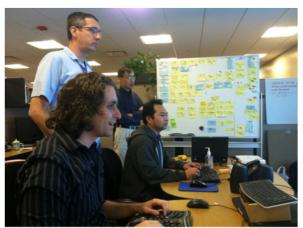
That is how we discovered "Mob Programming"



mobprogramming.org – Illustrations © 2012-2016 Andrea Zuill

21

Why would we work this way? Because the team decided to.



mobprogramming.org - Illustrations © 2012-2016 Andrea Zuill



Individuals and Interactions Kindness, Consideration, Respect



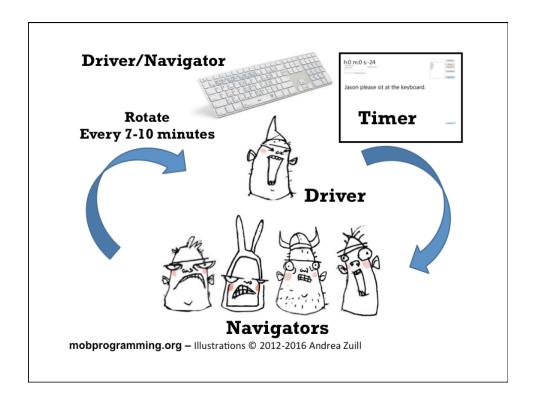
mobprogramming.org – Illustrations © 2012-2016 Andrea Zuill 23

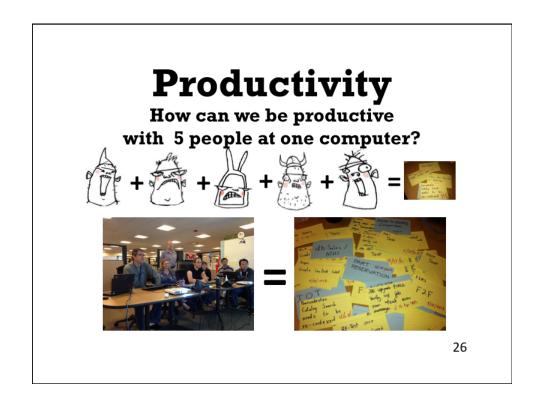
Andrea Zuill © 2013

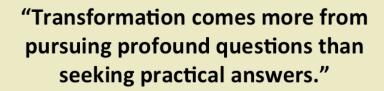
Driver/Navigator



mobprogramming.org - Illustrations © 2012-2016 Andrea Zuill







Peter Block Book:

The Answer to "how" is YES!

mobprogramming.org – Illustrations © 2012-2016 Andrea Zuill

What are the things that destroy productivity?

Communication Problems
Decision Making Problems

Doing more than barely sufficient

Technical Debt, and etc.

Thrashing

Politics

Meetings

Many, many others

mobprogramming.org – Illustrations © 2012-2016 Andrea Zuill

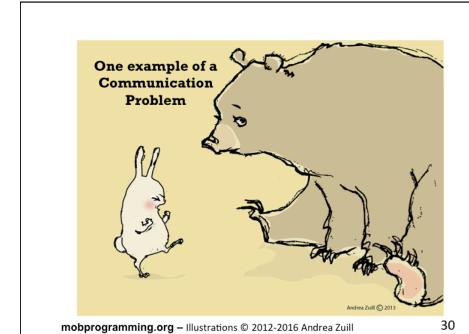
We noticed many problems simply faded away

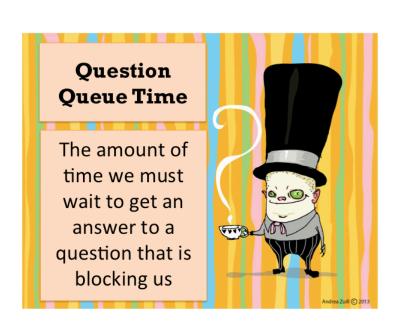


When we worked as a team!

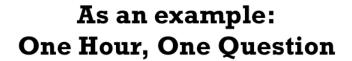
mobprogramming.org – Illustrations © 2012-2016 Andrea Zuill

29

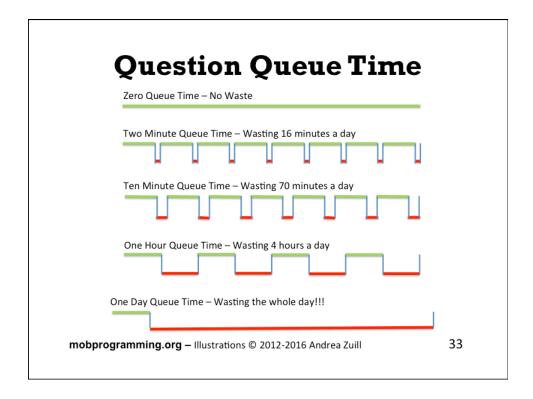




Question Queue Time Value Stream Map



mobprogramming.org – Illustrations © 2012-2016 Andrea Zuill



How do we typically solve this?

We work on many tasks to keep us busy



This introduces inventory and hides the reality that the symptom (not being busy) has been addressed but the problem (blocking questions not being answered) remains.

mobprogramming.org - Illustrations © 2012-2016 Andrea Zuill

How do we typically solve this?

We work on many tasks to keep us busy

We are now busy... but the problem has not been solved! We're always context switching, work takes a long time to get done, we have lots of undone work in progress... and so on.

Let's not solve a queueing problem by introducing an inventory problem

(Inventory is work started on, but not yet delivering value)

mobprogramming.org - Illustrations © 2012-2016 Andrea Zuill

35

How did we Solve This?

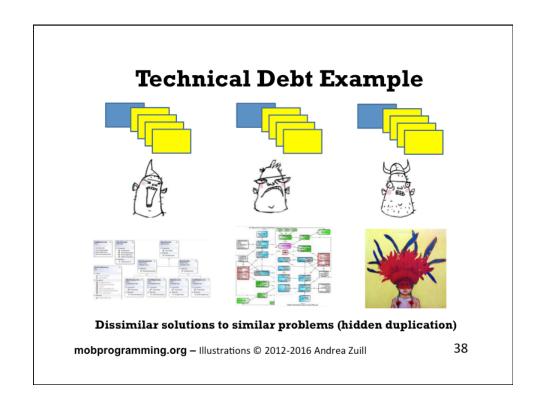
We didn't!!! The problem merely faded away!

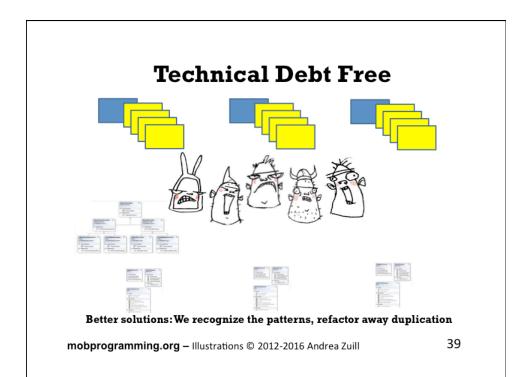
Zero Queue Time within the team

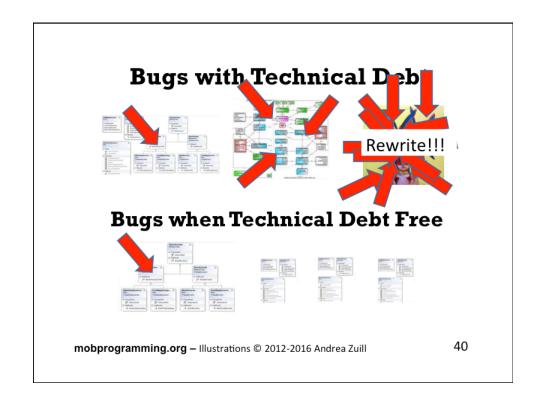


"Automatic" One-Piece Flow









Can't we get more done by working separately?

It's not about getting the **most** done, it's about getting the **best** of everyone into everything we do



Illustration © 2014 - Andrea Zuill

mobprogramming.org — Illustrations © 2012-2016 Andrea Zuill

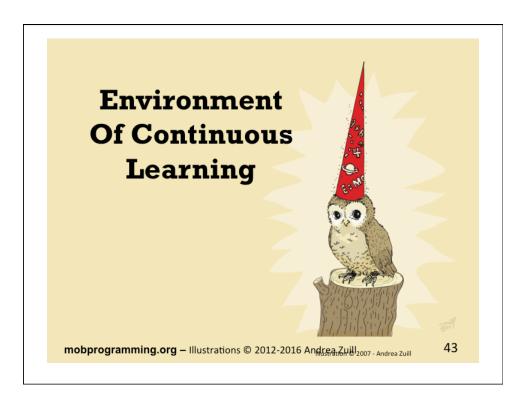
41

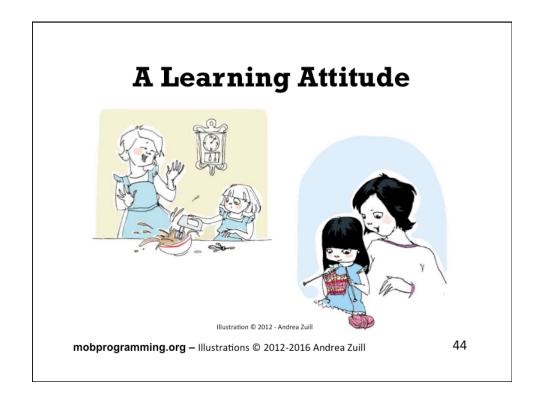
Relaxed, Sustainable

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



mobprogramming.org – Illustrations © 2012-2016 Andrea Zuill





Exposed!



mobprogramming.org - Illustrations © 2012-2016 Andrea Zuill

45

Ergonomics, Health, and Sanity



Let's take care of ourselves

mobprogramming.org – Illustrations © 2012-2016 Andrea Zuill

What is the Ideal Number of Team Members?



Our Team Heuristic:

If you are needed, contributing, or learning, stay with the team, otherwise split off and work solo or with a pair

mobprogramming.org - Illustrations © 2012-2016 Andrea Zuill

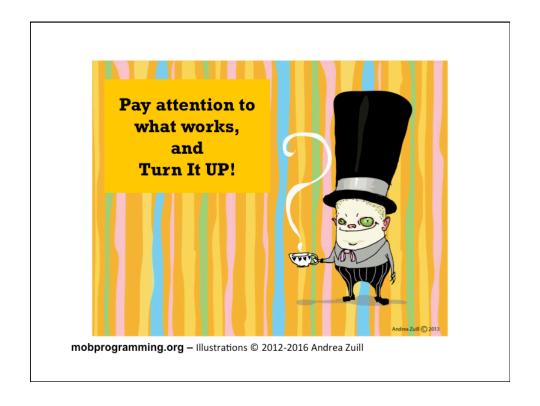
Do you recommend Mob Programming?

Rather than recommend it, we are merely sharing our experiences.



mobprogramming.org – Illustrations © 2012-2016 Andrea Zuill





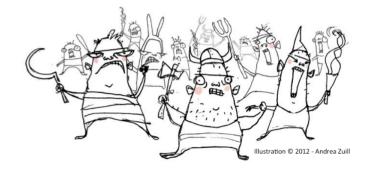


Mob Programming Conference May 1 & 2, 2016 Cambridge, MA (MS NERD Center) mobprogrammingconference.com

Illustration © 2012 - Andrea Zuill

mobprogramming.org – Illustrations © 2012-2016 Andrea Zuill

Mob Programming A Whole Team Approach



mobprogramming.org

Twitter: @WoodyZuill

© 2013/2014- Woody Zuill

Mob Programming A Whole Team Approach Thanks for visiting!!!

Woody Zuill Agile guide, coach, trainer, programmer



Jfokus 2016 mobprogramming.org

Twitter: @WoodyZuill woody.zull@gmail.com

© 2013/2014- Woody Zuill