3D Pair Programming Extravaganza!

The most DANGEROUS session of Agile2014

Starring

Tim Ottinger
and
Bryan Beecham
Persons seated in 3 front rows are subject to:

- Falling or flying objects
- Audience “volunteering”
- Panic and Hysteria
- Photography
- Getting wet on this ride
Act One

Introducing: Pair Programming
Pair programming is:
- two programmers
- working at the same computer
- at the same time
- on the same task
Same computer/task

Equal Access To Monitor
Equal Access To Keyboard and Mouse
Equal Opportunity to Speak/Act
Equal Permission to Make Changes
Equal Ownership of the Results
Why so scared?

Courage is an XP value
Why so scared?
Why so scared?
Why so scared?
Everyday Examples

- Surgical Teams
- Pilots,
- Policeman,
- Firefighters
- Rally Racing,
- Housekeeping
- Weight Lifting Spotter
- Co-Authors
- Songwriting
- Road Crews
- Ladder/holder

and Thousands of programmers...
Act Two

Play That Funky Music Right, Boys
Hey! Listen to me!

To be an effective pair we need to have some basic alignment.

Rhythm, Key, Structure
Unison is not necessary

If we have no differences,
One of us is unnecessary
Act Three

Musical Interlude
Things you shouldn’t pair
Act Four

Pair-ahna
and
Pair-accuda
Violates any of these

Equal Access To Monitor
Equal Access To Keyboard
Equal Opportunity to Speak/Act
Equal Permission to Make Changes
Equal Ownership of the Results
What Are Your Gut Reactions to People?

You feel surrounded by incompetent idiots – and you can’t help letting them know the truth every now and then.
Pre-invitation

If you’ve agreed to do this,
Your feedback is pre-invited
You figure this thing out together.
Be the Coach!
Be the Coach!
Be the Coach!
Be the Coach!
Be the Coach!
Haiku

Summer bakes the earth
Heads together, we ponder
Aha! An insight.

~James Shore
Will Pair Programming Ruin My Company?
Won’t weak players hide from accountability and remain undiscovered in my teams?
Won’t people stop doing work if I don’t hold them personally responsible?
What about diversity of thought?

Is this going to cause developers to “borg up” and develop a hive mind?
Will this turn all my developers into homogenous, fungible resources?
Won’t this “normalize” performance by slowing down my rock stars?
Once my developers pick up all these new skills, what keeps them from leaving for higher pay somewhere else?
How will we tolerate having our productivity cut in half?
“When solo and pair programmers competed head-to-head, the pair programmers finished in about half the time as solo programmers and there were fewer defects.”

– Williams & Kessler
Pair Programming: Why Have Two Do the Work of One

from
Laurie Williams
North Carolina State University
Act Four

Remote Pairing
(Long distance runaround)
Magic Time!
Act Six

Live Tech Acts
… because it is a lot more fun when you have a partner.
Puppies!
The End

Thank You for your support