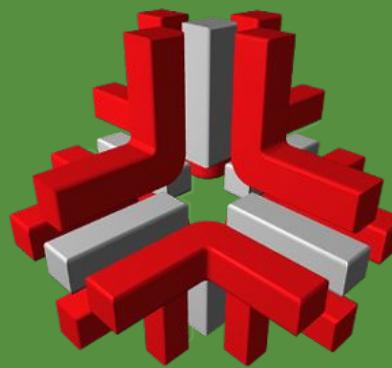


Team Programming For Fun and Profit



3 Truths and A Lie

- When a 5000+ line BASIC file failed to render a picture of Farrah Fawcett, I decided to give up programming forever.
- In 2000, I heard about XP development and asked a coworker to try pairing with me, only to be laughed at.
- I left a lucrative career in the Adult Entertainment Industry to teach the world to build better software.
- I am one of the only two people in the world to attain the extremely hard to get certification of "Certified FAST Instructor".
- Last time I was in the UK I saw Queen play at Live Aid



Can we agree to be CLEAR?



Can We Agree
To Be **CLEAR**?

Curious, Caring &
Open-Minded



Listen to
One Another



Encourage Everyone
to Contribute



Avoid Dominating
or Interrupting

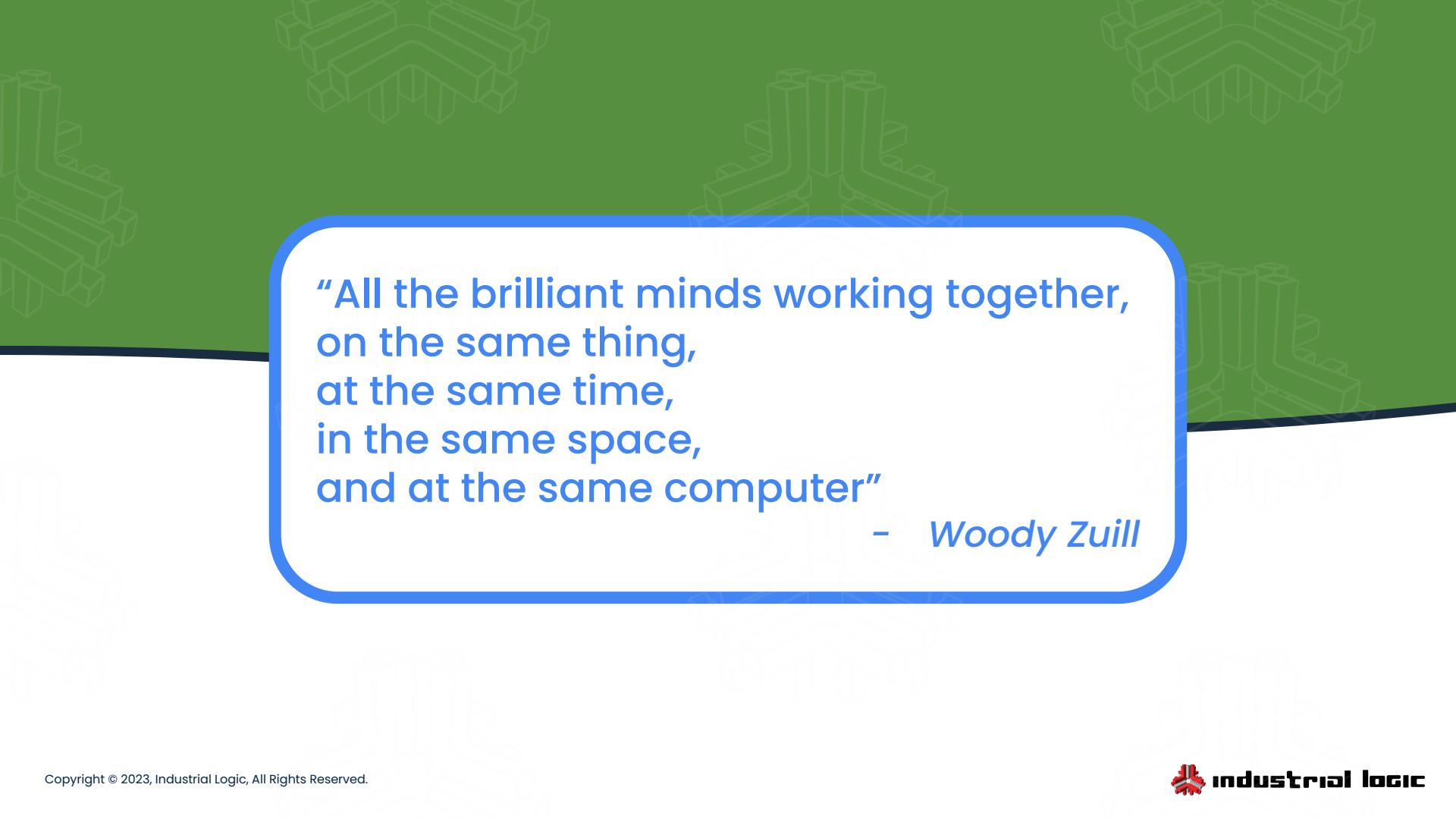


Repeat & Review
People's Points



These ideas are starting points.
Use them in your own working agreements.
Amend them as necessary.

Adapted from Smarter, Faster, Better by Charles Duhigg



“All the brilliant minds working together,
on the same thing,
at the same time,
in the same space,
and at the same computer”

– *Woody Zuill*

Syllabus

"Go somewhere you know nothing about, and see what happens"

- Karl Ove Knausgard



Whole Team Programming: *Agenda*

01

Concepts and History

Quick History
What's in a name?
Getting started

02

Explanation of Practice

Roles
Communication Framework
Exercises

03

Let's Collaborate

Put hands on keyboards
Wash, Rinse, Repeat

04

Retrospective

Feedback
Q&A
What's next?

01: Concepts

Concepts:

Software Teaming

Woody Zuill and Kevin Meadows



SOFTWARE TEAMING

A Mob Programming, Whole-Team Approach

Second Edition



Andrea Zuill © 2015

Woody Zuill and Kevin Meadows

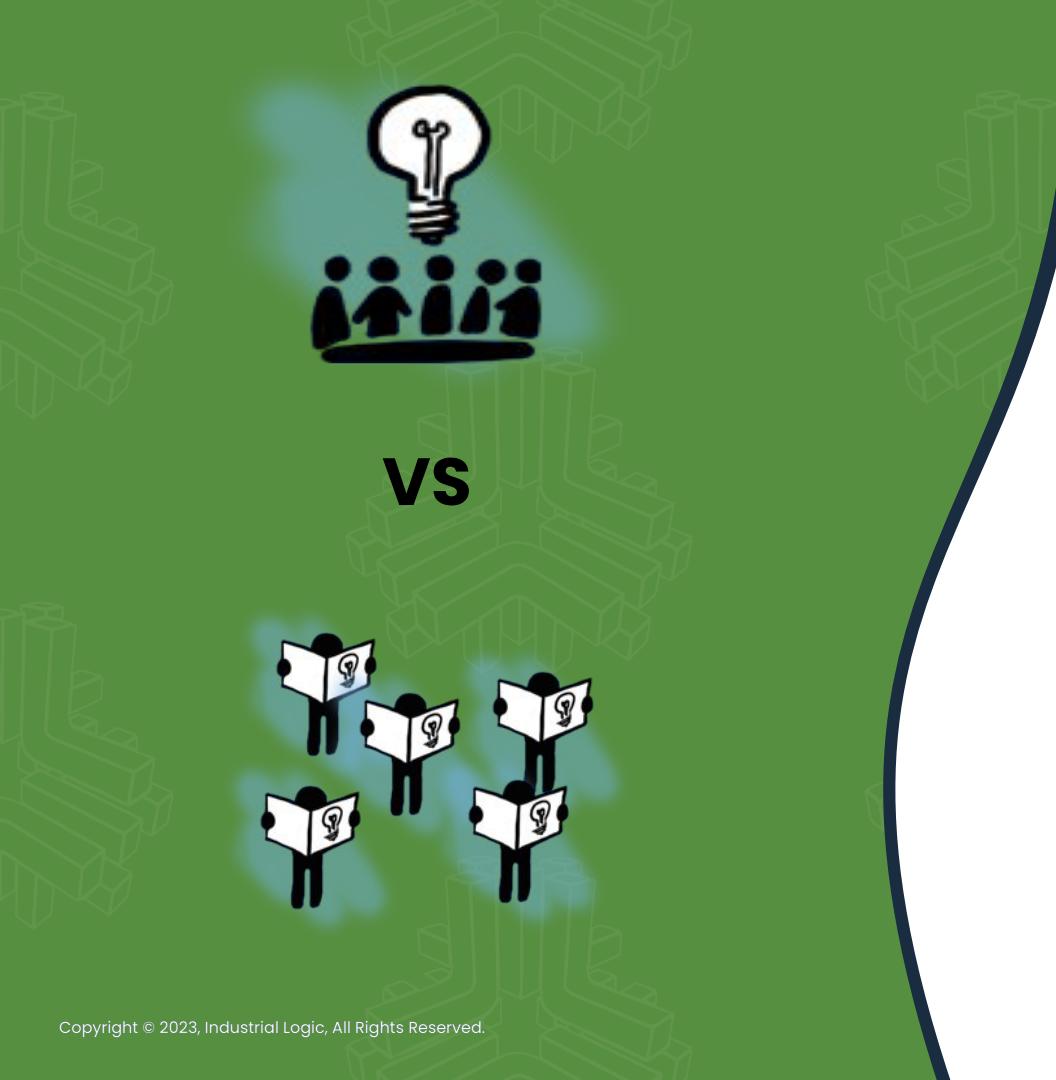
Foreword by Kent Beck

Concepts:

What's in a name?

Mobbing, Ensemble, Software Teaming,
Whole Team Programming





Concepts:

Collaboration

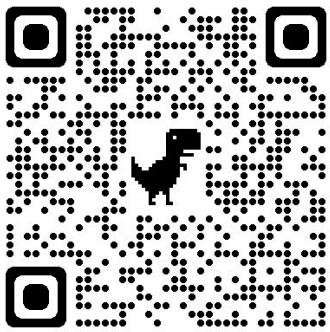
Do you work as a Team,
or group of Independent Contributors?

Collaborative teams:

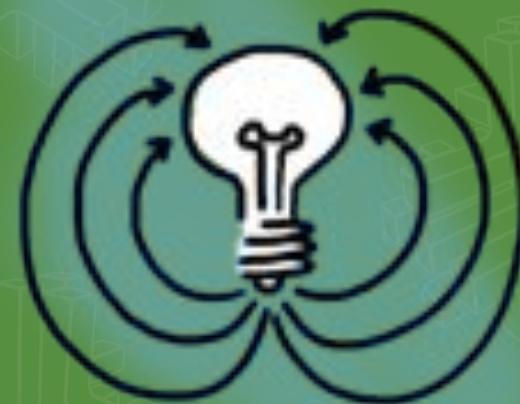
- Produce higher quality code more rapidly
- Grow Team Ownership and Code Responsibility
- Have a “rising tide effect” on all members
- Find more effective solutions
- Are happier

Concepts:

Scatter Gather vs Collaboration



02: Practice



Explanation Of Practice: Roles

Driver – a smart input to get the code into the computer

Navigator – solves the problem at hand

Steward – move the work through the process

Sheriff – guards the flow of the group



Explanation Of Practice: *Communication*

Intent, Location, Details

Say your Intent:

"I want to call a function to calculate the value of two integers"

Give Location (if needed):

"You can add it on line 45" or "Let's put it in the 'Calculator' class file"

Give Details (if needed):

"I want to set up the code to pass the class into the handler we'll be writing next..."



Explanation Of Practice: *Today's Practice*

From chaos comes order

Join a group

- Ability isn't important
- Make a circle of chairs
- One person at the keyboard



Explanation Of Practice: *Today's Practice*

From chaos comes order

Practice rotating

- Driver moves to the end of the line
- Navigator moves to drivers seat

*You can pass****



03: Configuration



configuration

Download Repository

Clone the repo

https://github.com/MyTurnyet/wholeteam_js

Run:

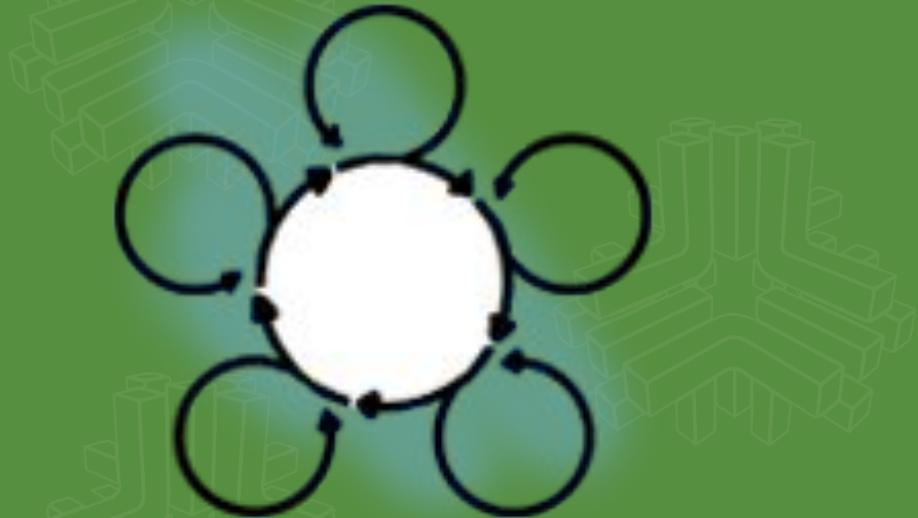
yarn install

then

yarn test



04: Iterate



Iteration 1

Let's get started

Numbers 0 – 9 return words representing those numbers

0 = "zero", 1 = "one", ... 9 = "nine"

Retro!



Iteration 2

Multiples of 10 return words representing those numbers
(Up to 90)

10 = “ten”, 20 = “twenty”, ... 90 = “ninety”

Retro!



Iteration 3

Let's get started

2 digit numbers return words representing those numbers

11 = "eleven", 16 = "sixteen", 99 = "ninety-nine"

Retro!



Iteration 4

3 digit numbers have “hundred(and)”

100 = “one hundred”

121 = “one hundred and twenty-one”

856 = “eight hundred and fifty-six”

Retro!



Resources

Paige Watson

paige@industriallogic.com

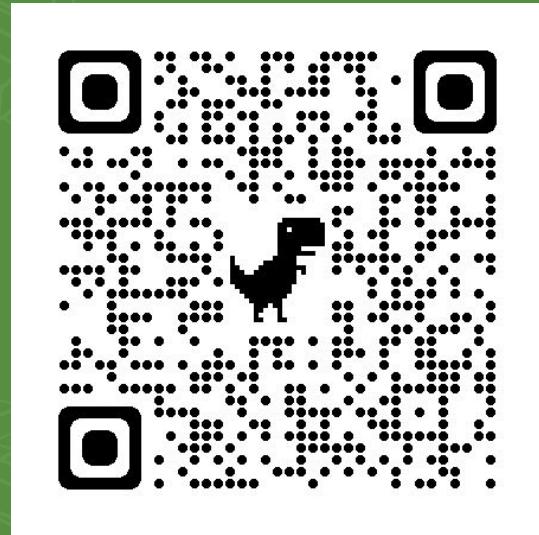
Twitter: @PaigelsXP

Mastodon:

<https://techhub.social/@paigewatson>

LinkedIn:

<https://www.linkedin.com/in/paige-watson-b817564/>



Resources Link

Thank You

