



# Pair Testing

and other *RADICAL IDEAS*

**QA** OR THE  
**HIGHWAY**  
2024





Hi,  
I'm Aaron

# Pair Testing

and other ***RADICAL IDEAS***

Back in my day...







What's old  
is new

# AGILE MANIFESTO



**Individuals and interactions** *over* processes and tools

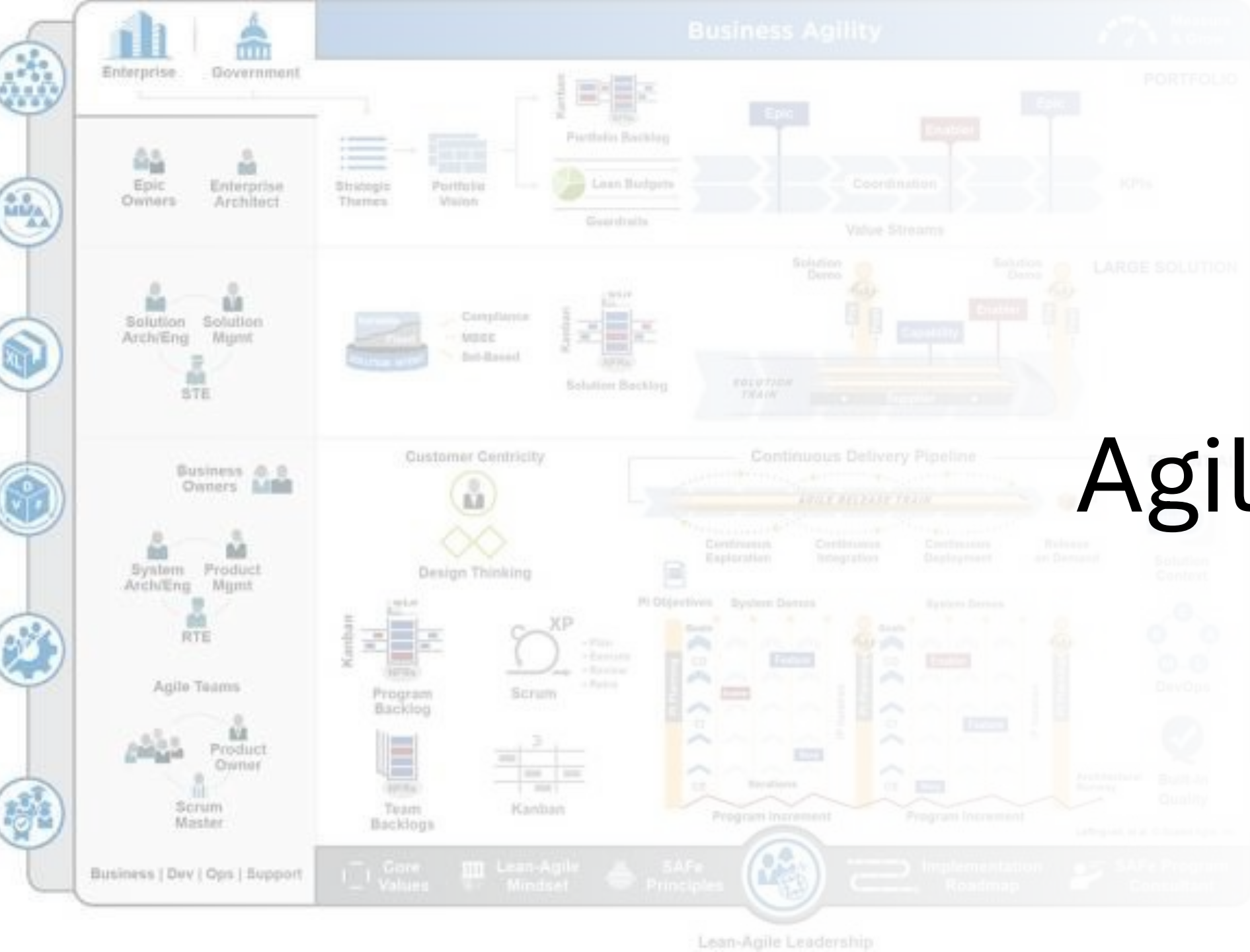
**Working software** *over* comprehensive documentation

**Customer collaboration** *over* contract negotiation

**Responding to change** *over* following a plan

*That is, while **there is value** in the items on the right,  
we value the items on the left more.*





# Agile Today

# EXTREME PROGRAMMING







**SCRUM**

# ***TEST DRIVEN DEVELOPMENT***







**CONTINUOUS  
DELIVERY**

# ***REFACTORING***







# ***DESIGN PATTERNS***

A grayscale background image of a man with a beard and mustache, wearing dark sunglasses and a headset. He is speaking into a microphone, with his mouth open and teeth visible. The image is slightly blurred and has a high-contrast, gritty aesthetic.

# **BEHAVIOR DRIVEN DEVELOPMENT**





**DEVOPS**

# **LEAN PRINCIPLES**







# **PAIR PROGRAMMING**



**INTERMISSION**



# Pair Testing

## *WHAT IS IT*

Like Pair Programming

But not necessarily

Two (or more) people

working together on a task  
and communicating (in real time).

(usually) one leads and the other follows

taking turns & collaborating





# Pair Testing

## *WHO TO PAIR WITH*

Other Testers

Developers

DevOps / SRE

Management / Product / Customers

Support

Senior / Junior

New / Old

Manual / Automation



# Pair Testing

## *WHAT TO DO*

Find bugs / Troubleshoot issues

Research / Exploratory Testing / Usability

Writing and fixing automation

Complimentary Tasks

Proofreading Code / Deploy / Run Test / Check Results

Documentation

Code Reviews

Interviews

# Pair Testing

## WHY

Find bugs / Troubleshoot issues

Research / Exploratory Testing / Usability

Writing and fixing automation

Complimentary Tasks

Proofreading Code / Deploy / Run Test / Check Results

Documentation

Code Reviews

Interviews



# Pair Testing

## *CONCERNS*

Waste time/resources

Less productive

Duplication of effort

Nervousness

Personality conflicts

How to do it effectively



# Pair Testing

## ***BENEFITS***

More eyes

Fun

Motivating

Focus

Distribute work (different tasks)

Share knowledge





# Pair Testing

## *HOW TO DO IT*

In person

Remote

Slack / Teams

Screen Share

Coding tools (next)

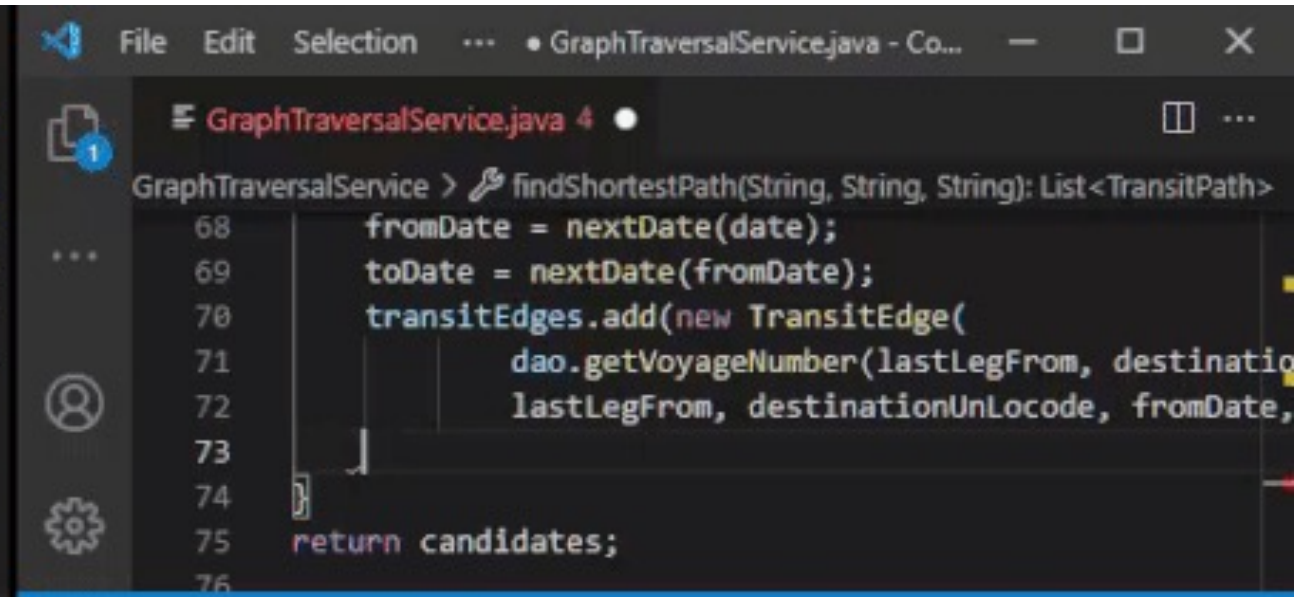
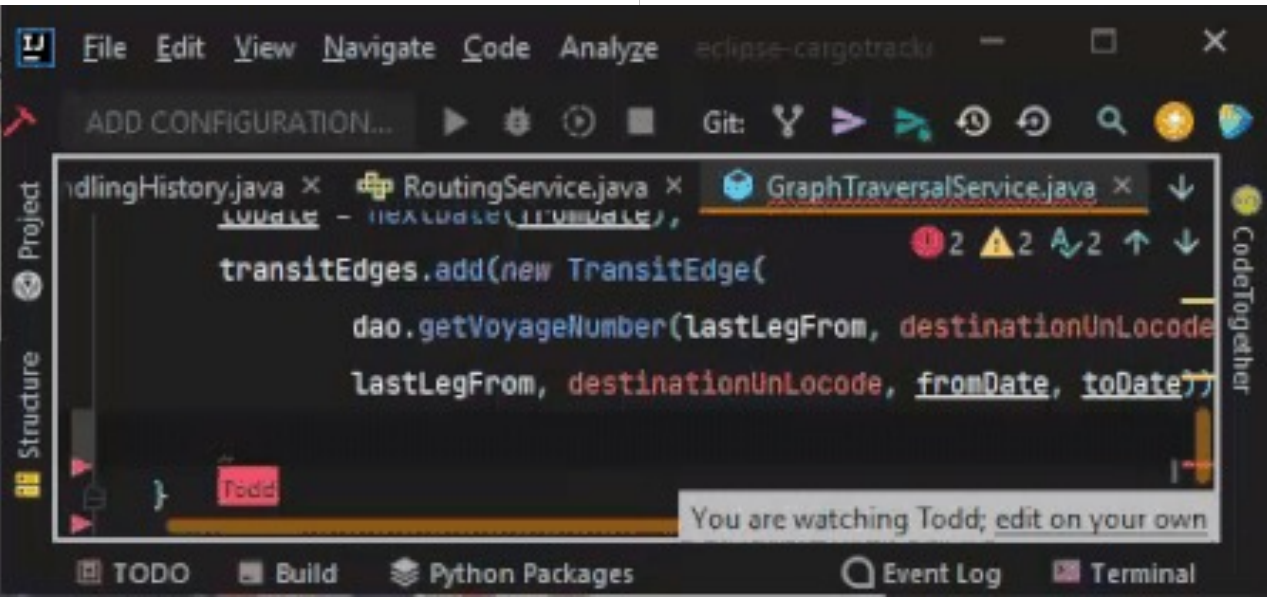
Asynchronous (git)

# Pair Testing

## TOOLS

Browser based (CodeAnywhere, CodeTogether)

IDE plugins (Jetbrains, VSCode, neovim)





# Pair Testing

## *MAKE IT HAPPEN*

Start with a goal

Communicate: talk out loud!

Take turns

Timebox

Have fun!





# **Mob Testing & BUG BASHES**

Plan ahead

Send meeting invites

Make sure environment is ready

Brief everyone

Status updates

Rewards & acknowledgement

# AI & Rubber Ducks







# Invitation