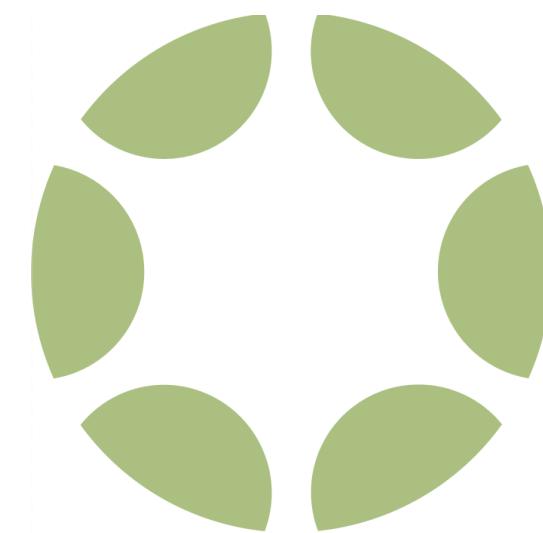


A teams journey from pairing to mob programming

Josh Porter - 24th May 2023

Josh Porter

Software Engineer - OneSearch



awaze



Pairing

Ways of working problems !

- Team with 5+ pairs - 2021
- Stuck in same pairs, rotation was difficult
- Knowledge silos (e.g single points of failure)
- PR conflicts/organise a code review
- Work definition overhead

“Mob Programming is a software development approach where the whole team works on the same *thing*, at the same *time*, in the same *space*, and at the same *computer*. ”

Mob Programming session

Two roles: Typist/Rest of Mob

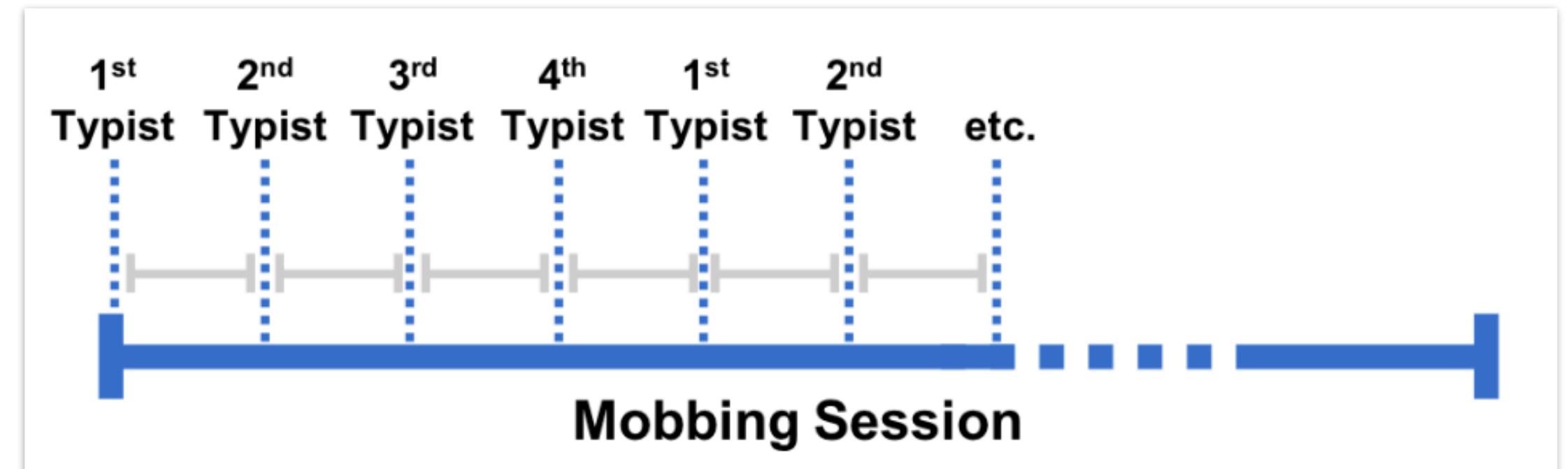
Typist

- *Implement* the code
- Ask clarifying questions
- *Trust* the rest of the mob
- *Learn* new ideas and uses of tools



Rest of Mob

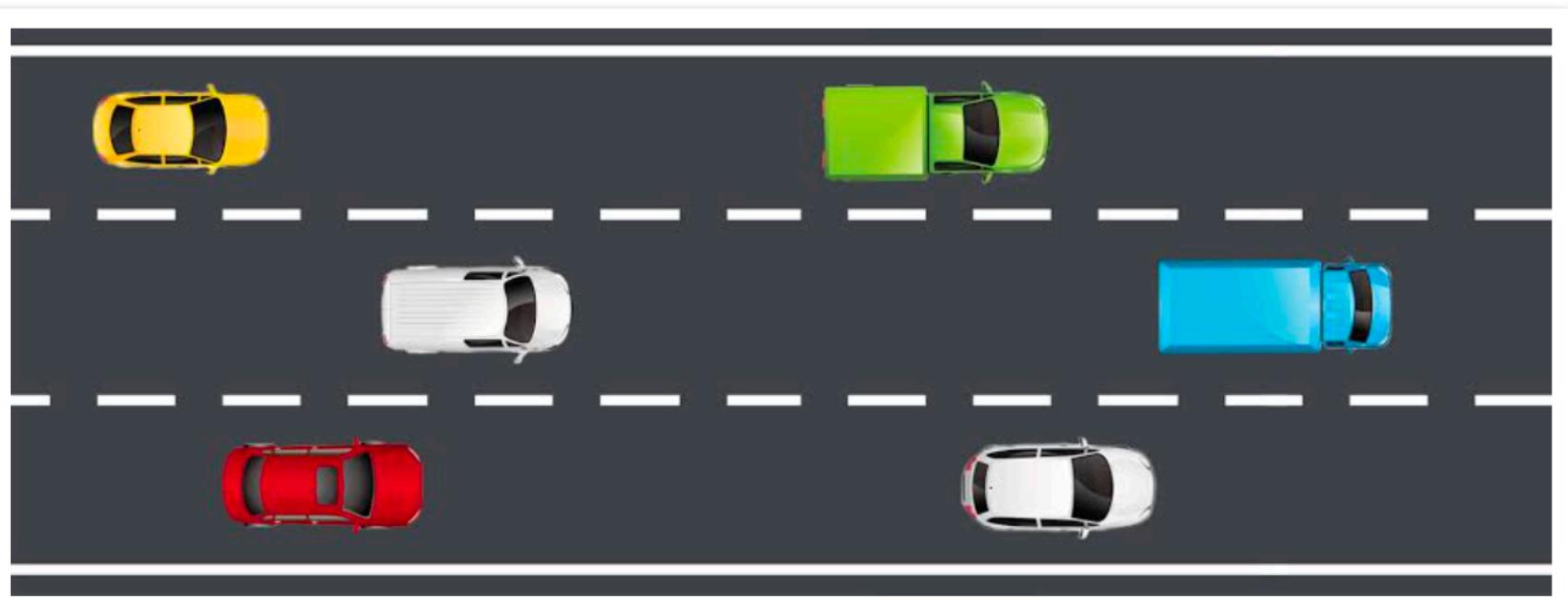
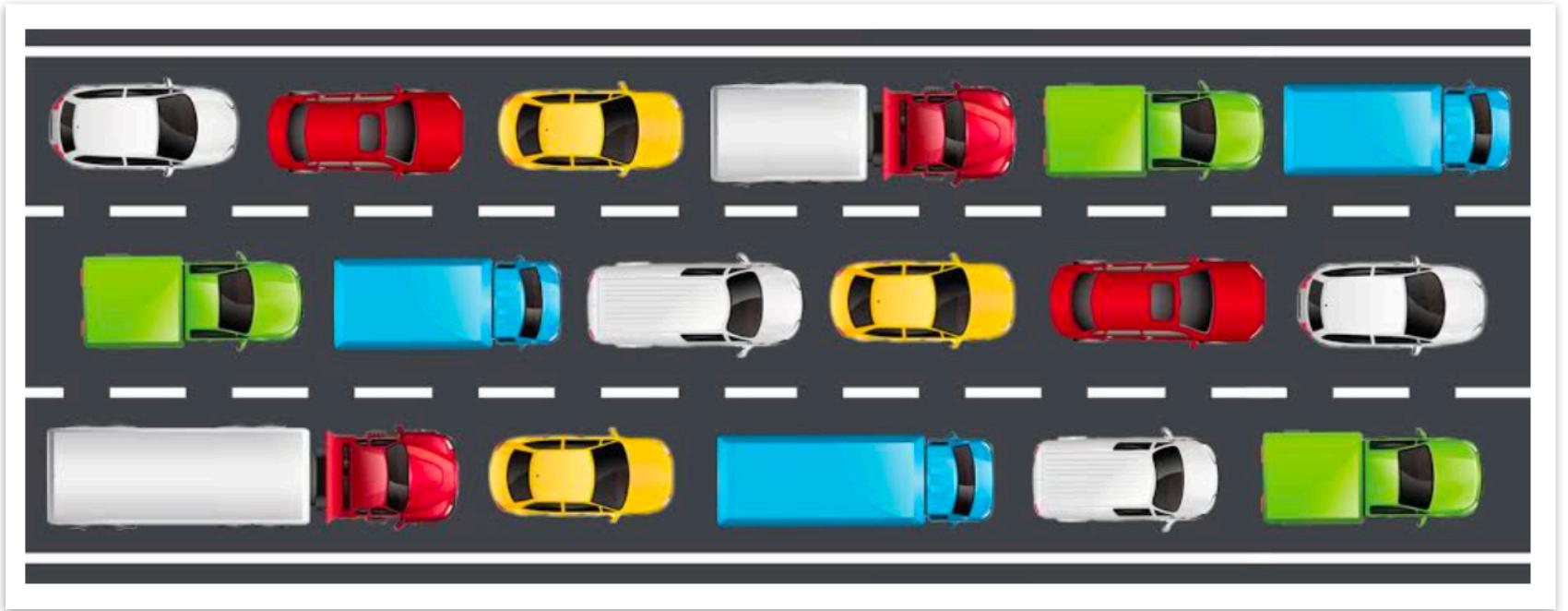
- Help *discover* what the next logical step is to solving the problem
- *Contribute* to increasing the level of understanding in the mob
- *Focus* on the problem at hand
- *Listen* to others
- *Anticipate* needed information



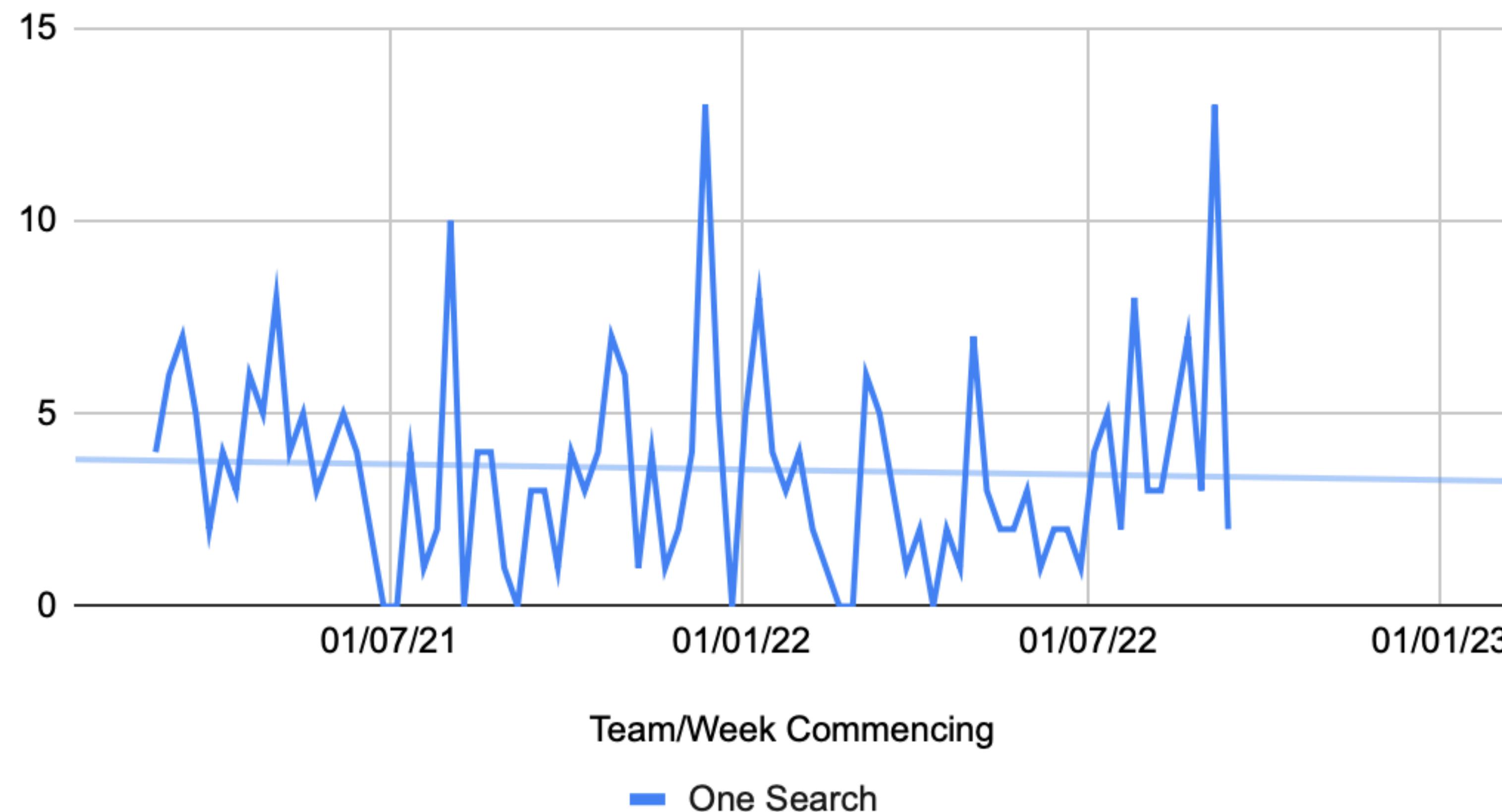
Benefits

What went well ✓

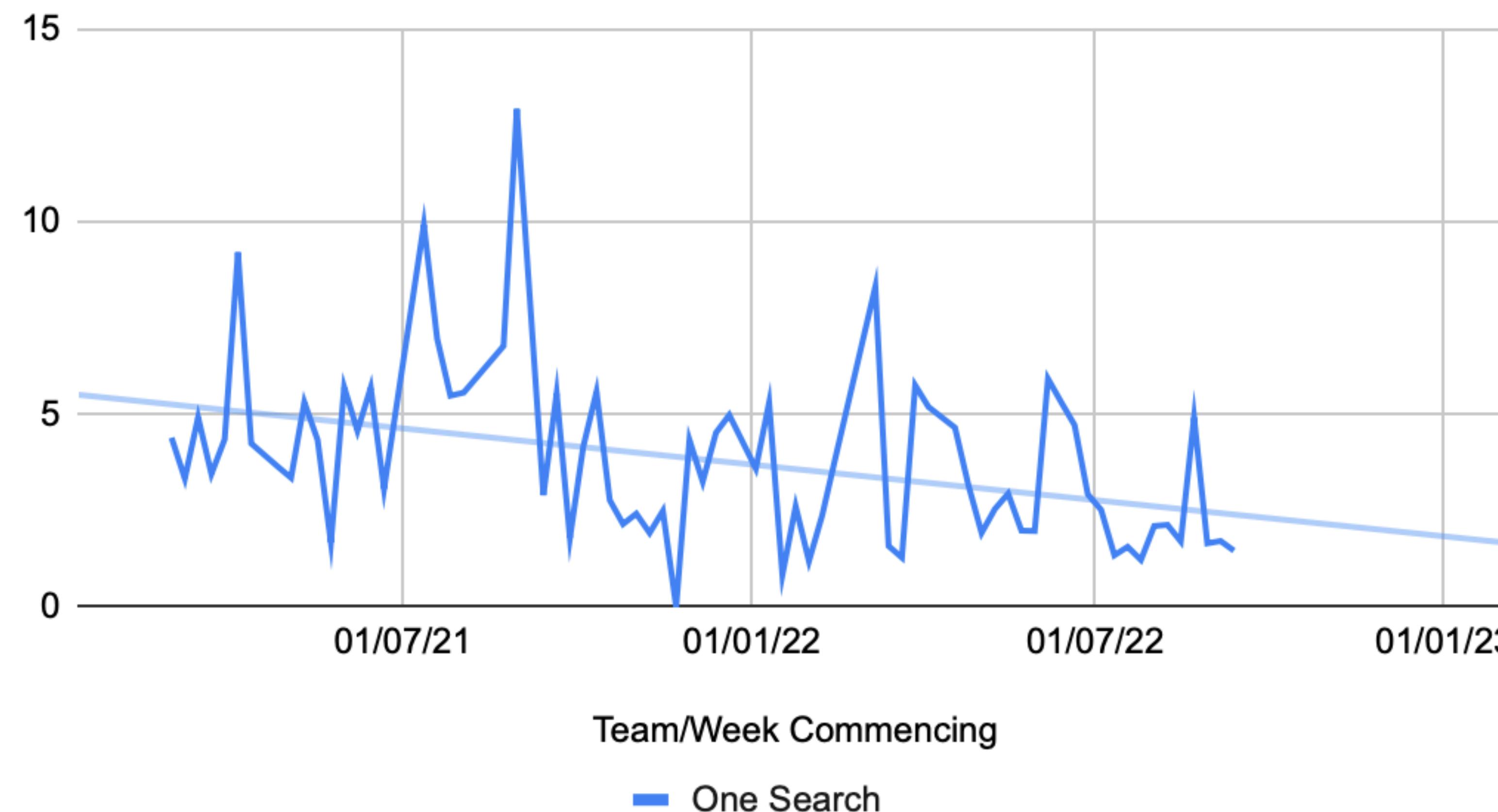
- Faster problem-solving
- Improved code quality
- Reduction in knowledge silos
- New members up to speed
- "Just In Time" story refinement
- Group thinking
- Flow



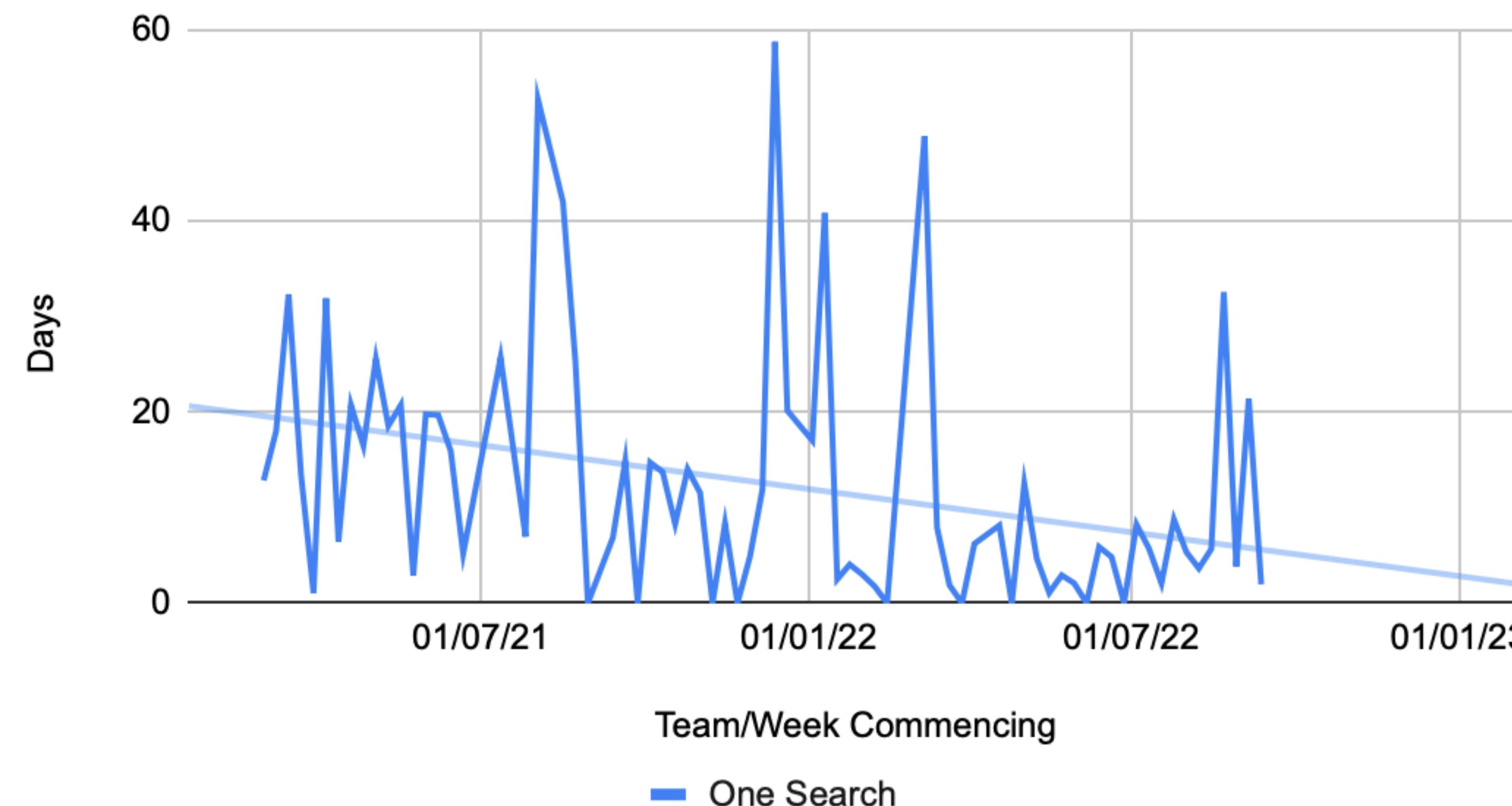
Stories completed



Cycle Time



Variability



Difficulties

Not so well

- Unequal participation
 - Assign facilitator for the mob to ensure rotation of roles
- Expert takes control
 - Allow others in mob to solve problem and learn
 - Empathy
- No clear path
 - Divide and conquer (with time box)

Tools & Tips

- Structure your day
 - Morning/Afternoon mob session
- Take breaks after a full rotation
 - e.g Team of 5: 10 minute rotations & 10min break
- Teams/Slack etiquette
 - Meeting/team chat with ticket
 - Cameras on 
- Remote mobbing <http://mob.sh>

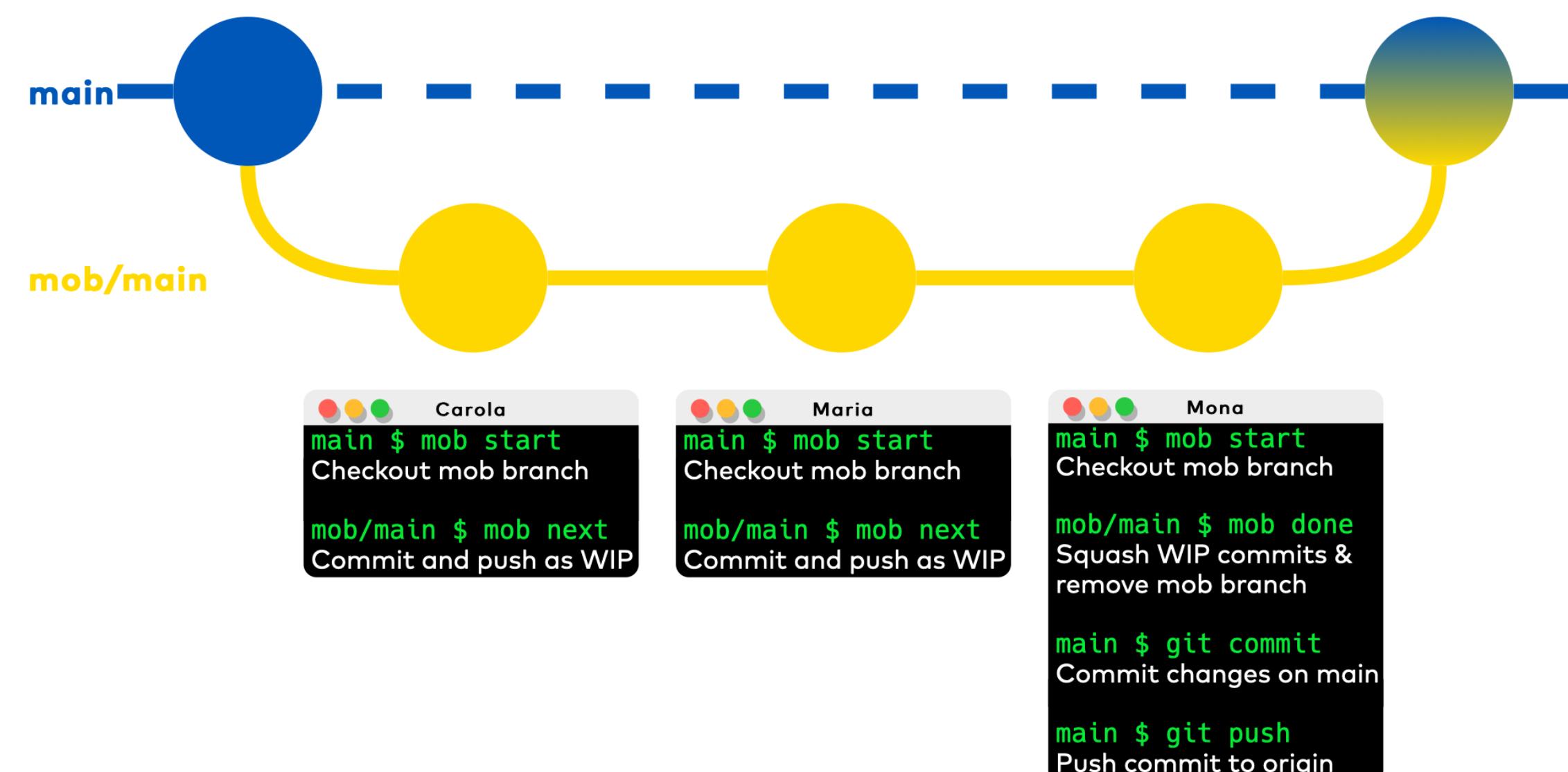


[build passing](#) [contributors 67](#) [downloads 60k](#) [downloads@latest 1.6k](#) [stars 1.4k](#)

#StandWithUkraine [donate here](#) #StandWithUkraine

Fast [git handover](#) for remote pair/mob programming.

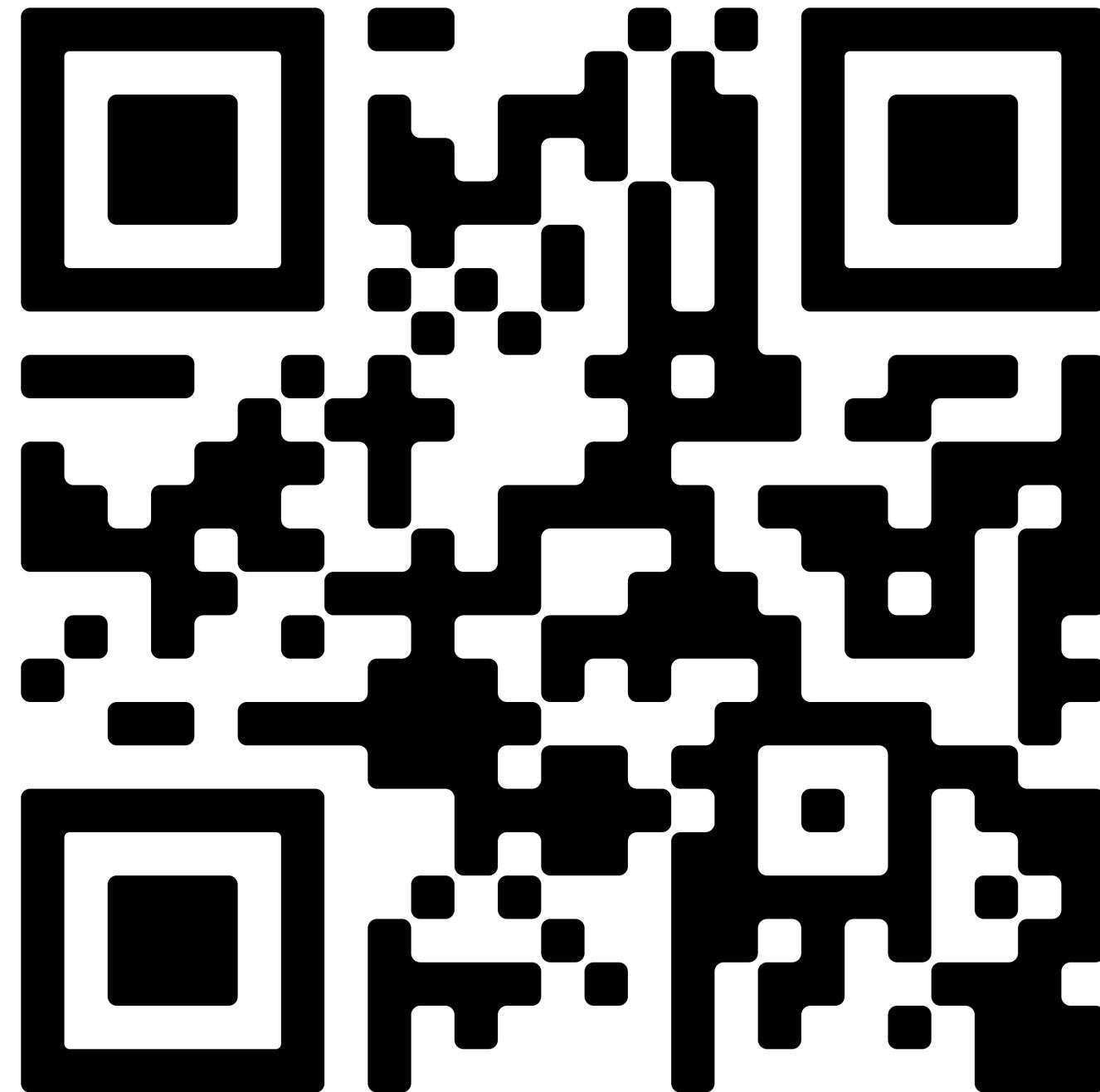
- mob is [an open source command line tool written in go](#)
- mob is the fastest way to [hand over code via git](#)
- mob keeps your branches clean and only creates WIP commits on temporary branches
- mob has a shared team timer [timer.mob.sh](#)
- mob is on 'assess' in the [Thoughtworks Technology Radar](#)
- mob has [VSCode integration](#)



Thanks!

The
Pragmatic
Programmers

Pragmatic
eXPress ↵ ↵ ↵



Code with the Wisdom of the Crowd

Get Better Together with Mob Programming



Mark Pearl
edited by
Tammy Coron

SOFTWARE TEAMING

A Mob Programming, Whole-Team Approach

Second Edition



Woody Zuill and Kevin Meadows

Foreword by Kent Beck