Pair Programming

Two people write code together on one machine.

"On Pair Programming", Birgitta Böckeler and Nina Siessegger.

How to pair

How to pair

At the "wheel"

Focus on completing tiny goals

Always talks through what she's doing
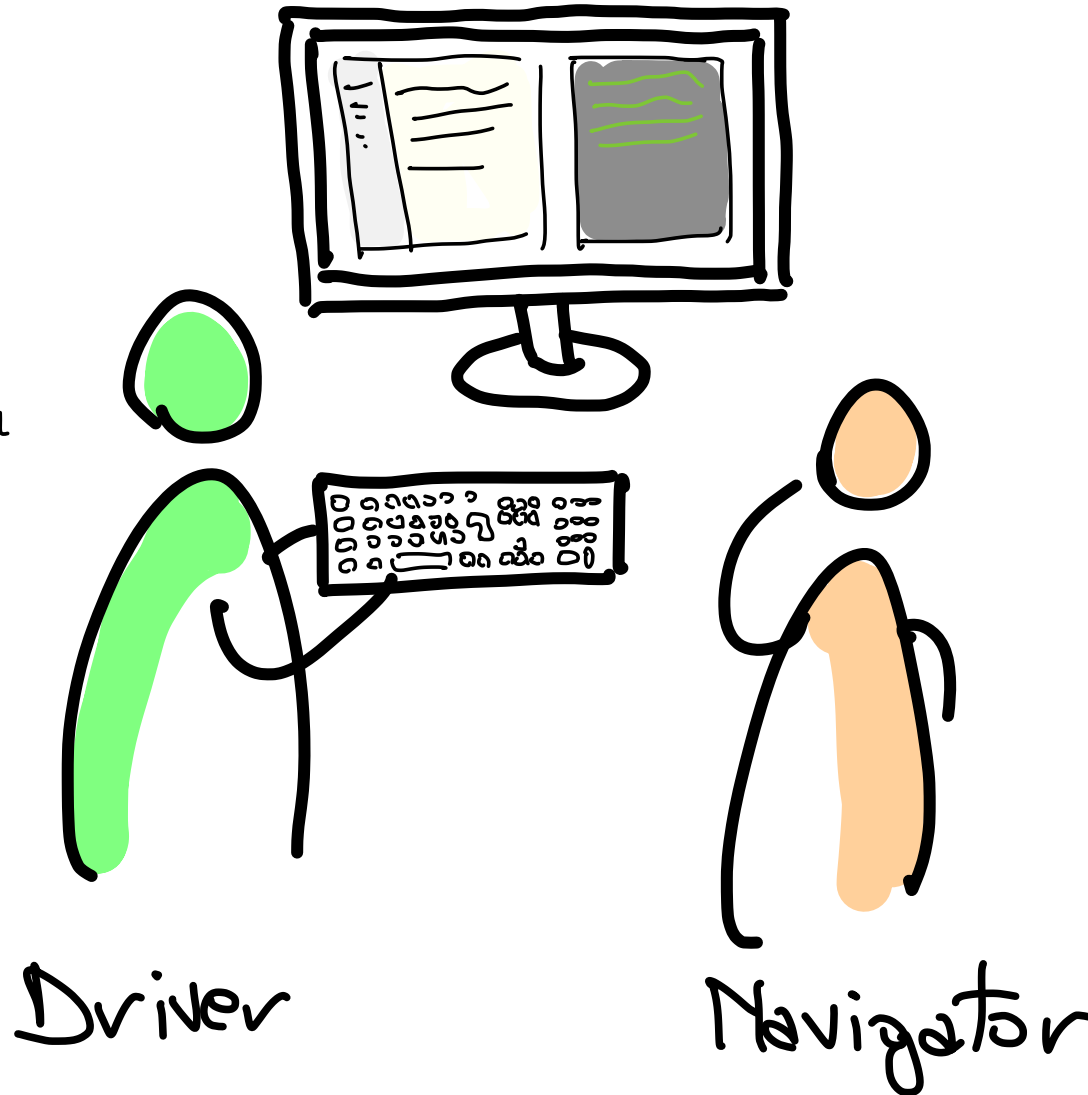
Tactical

Driver

How to pair

At the "wheel"

Focus on completing tiny goals

Always talks through what she's doing

Tactical

Observer position

Reviews code and shares thoughts

Has an eye on the larger issue
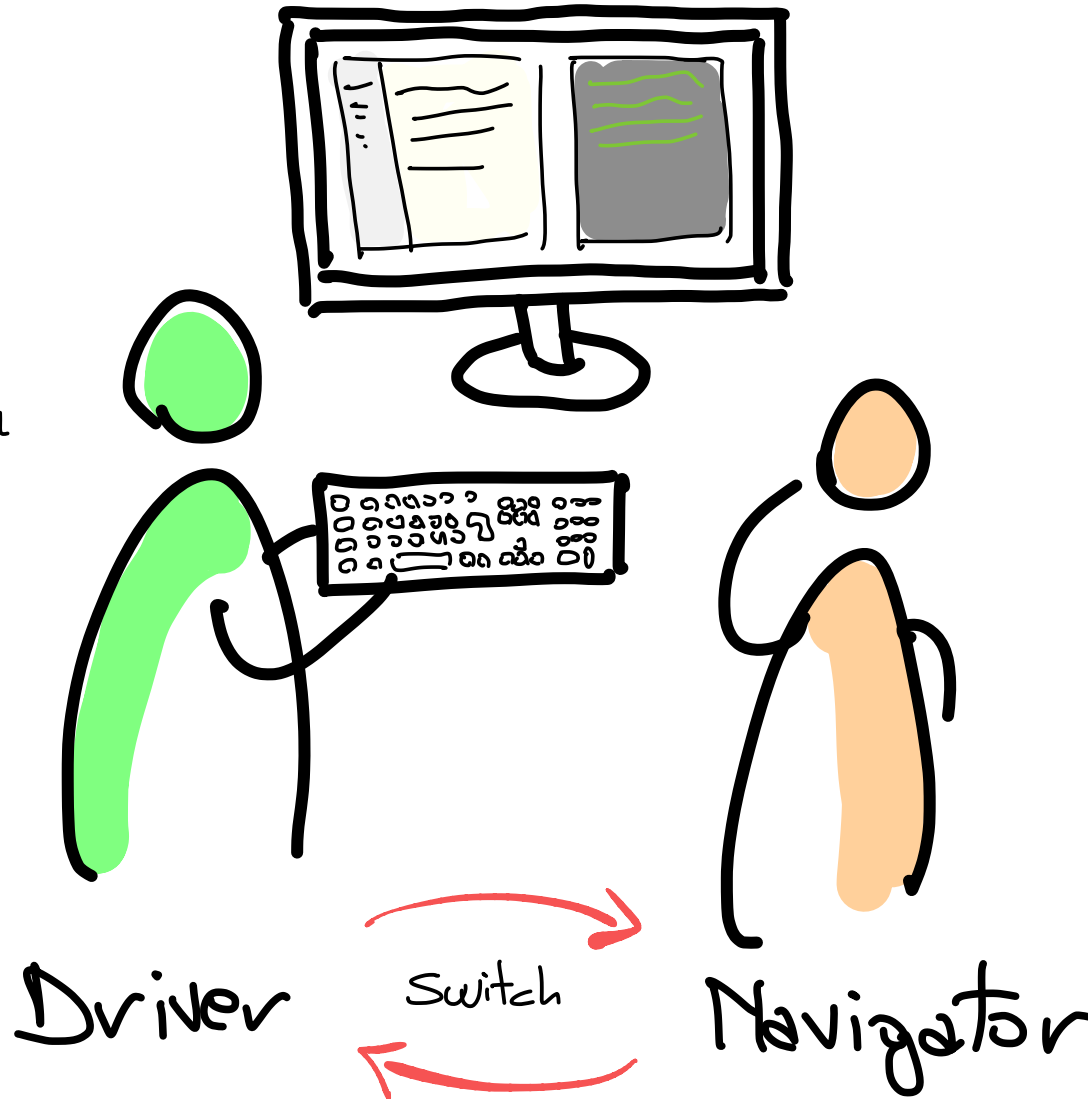
Strategic

Driver

Navigator

How to pair

At the "wheel"

Focus on completing tiny goals

Always talks through what she's doing

Tactical

Observer position

Reviews code and shares thoughts

Has an eye on the larger issue

Strategic

Driver

Switch

Navigator

Styles

- Driver and Navigator

- Ping Pong

- Strong-Style Pairing

- Pair Development

Benefits

SOFTWARE QUALITY

TEAM FLOW

Knowledge sharing

Reflection

Keeping focus

Code review on-the-go

Two modes of thinking

Collective code ownership

Keeping the WIP low

Challenges

- Pairing can be exhausting
- Intense collaboration can be hard
- Interruptions by meetings
- Pairing with Lots of unknowns

- ...

To pair or
not to pair ?