



# The joys of pair programming

Community of Edinburgh RSEs – 22<sup>nd</sup> May 2024

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<https://pairprogramming.ed.ac.uk/>

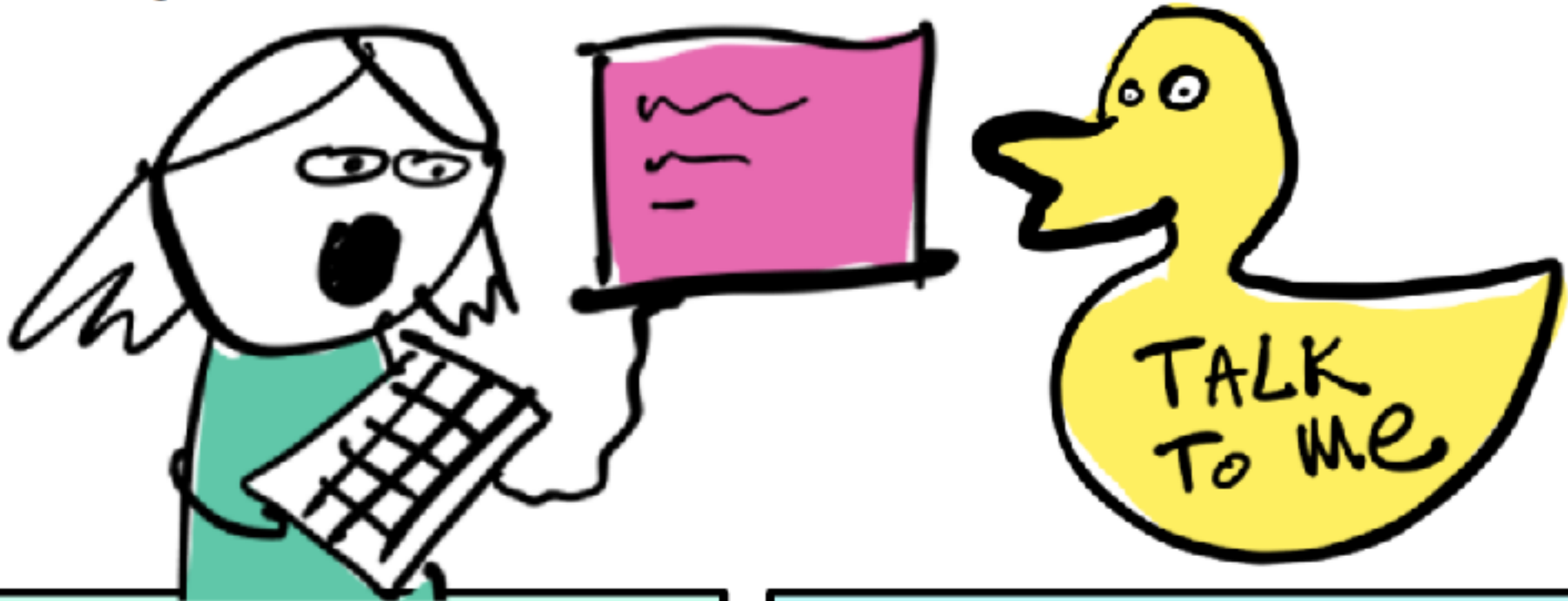
# About me

- Psychologist by background
- Data science educator with the Data Driven Innovation for Health and Social Care team (Usher Institute)
- Software Sustainability Institute Fellow 2023
- R Ladies Edinburgh organiser
- codebar Edinburgh co-organiser

# What is pair programming?



Pair programming:



**the Driver** = active person,  
problem-solving, thinking out loud

**the Navigator** = reflective person,  
looks out for bugs, is a Rubber-Duck\*



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Pair programming:

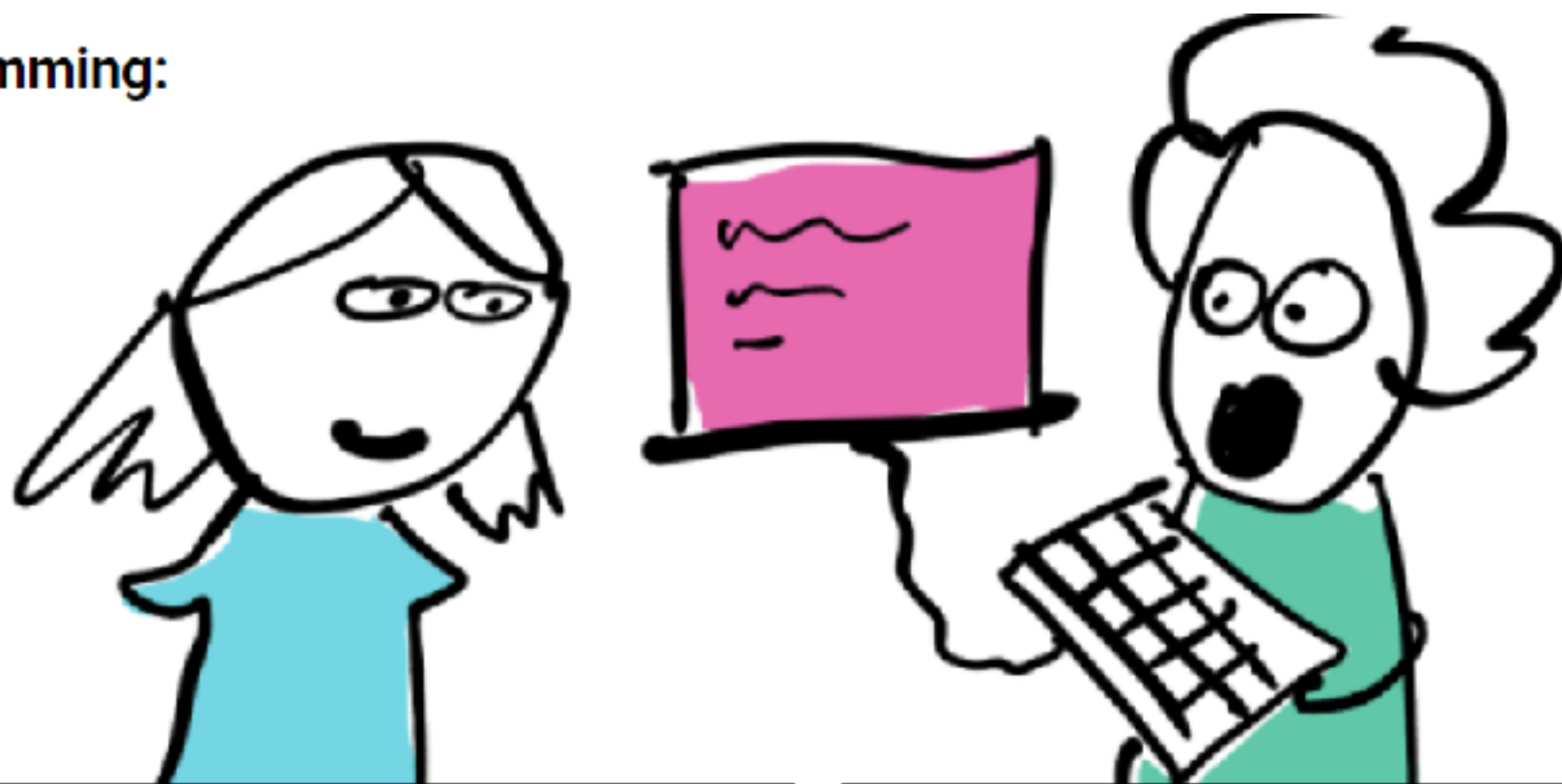


the Driver

the Navigator



Pair programming:



the Navigator

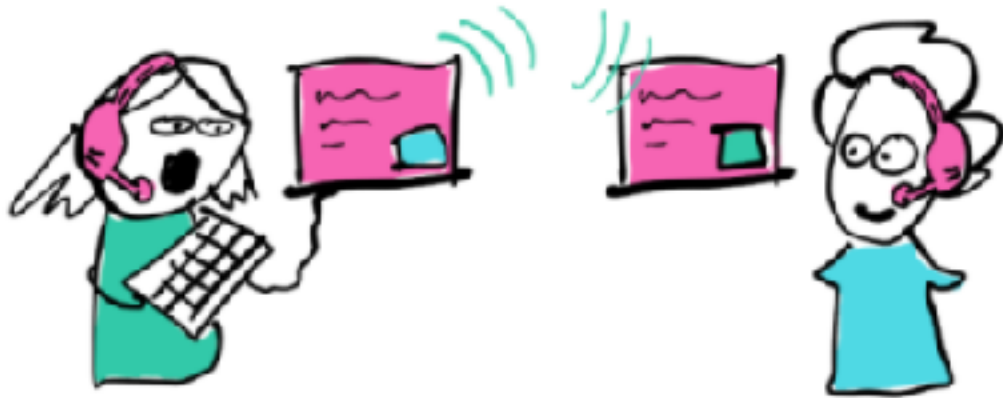
the Driver



# What about in groups?



Groups: Mixed-Space/Same-Space

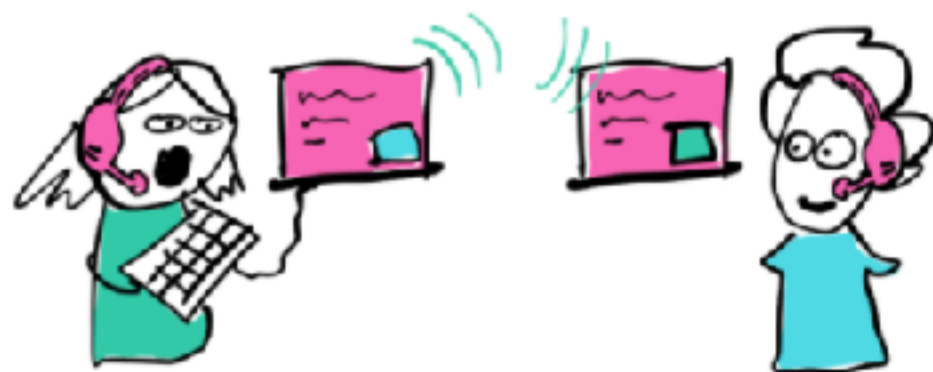


**Both Online**



**Both In Person**

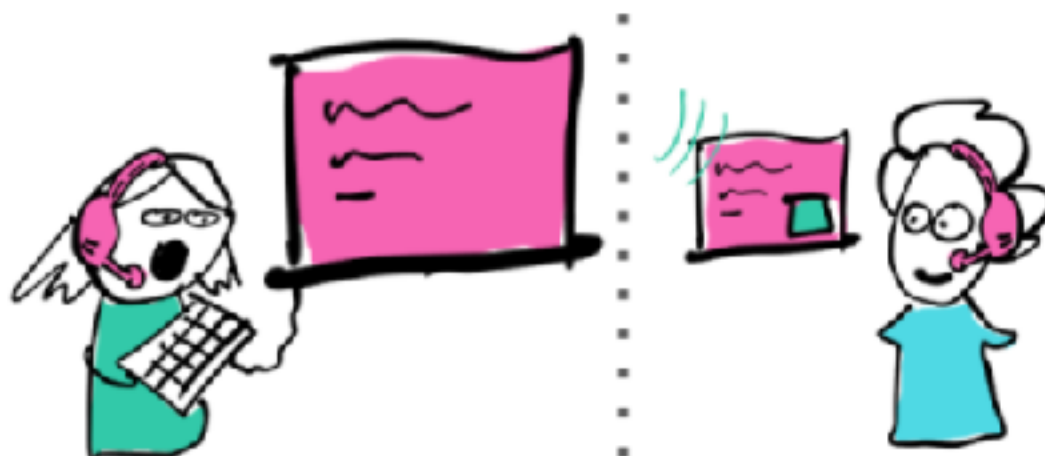
## Groups: Mixed-Space/Same-Space



**Both Online**



**Both In Person**



**One Online - One in Person**





# Benefits to you as a developer

✅ Code that is cleaner, less buggy, and more efficient

💬 Improved communication skills

💡 Improved understanding of your code and the task you are trying to accomplish

🐛 Faster debugging

🏆 Making coding more accessible

😄 More fun!

# Where can I try it?

- Request a demo session for this community
- Join codebar Edinburgh as a coach <https://codebar.io/edinburgh>





# Thank you!

<https://pairprogramming.ed.ac.uk/>

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R Ladies Edinburgh <https://www.meetup.com/rladies-edinburgh/>  
codebar edinburgh <https://codebar.io/edinburgh>