

Find Code Reviews invaluable?
I have an even better idea!

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CppCon 2021

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Like Code Reviews?
Try Pair Programming,
You'll love it!

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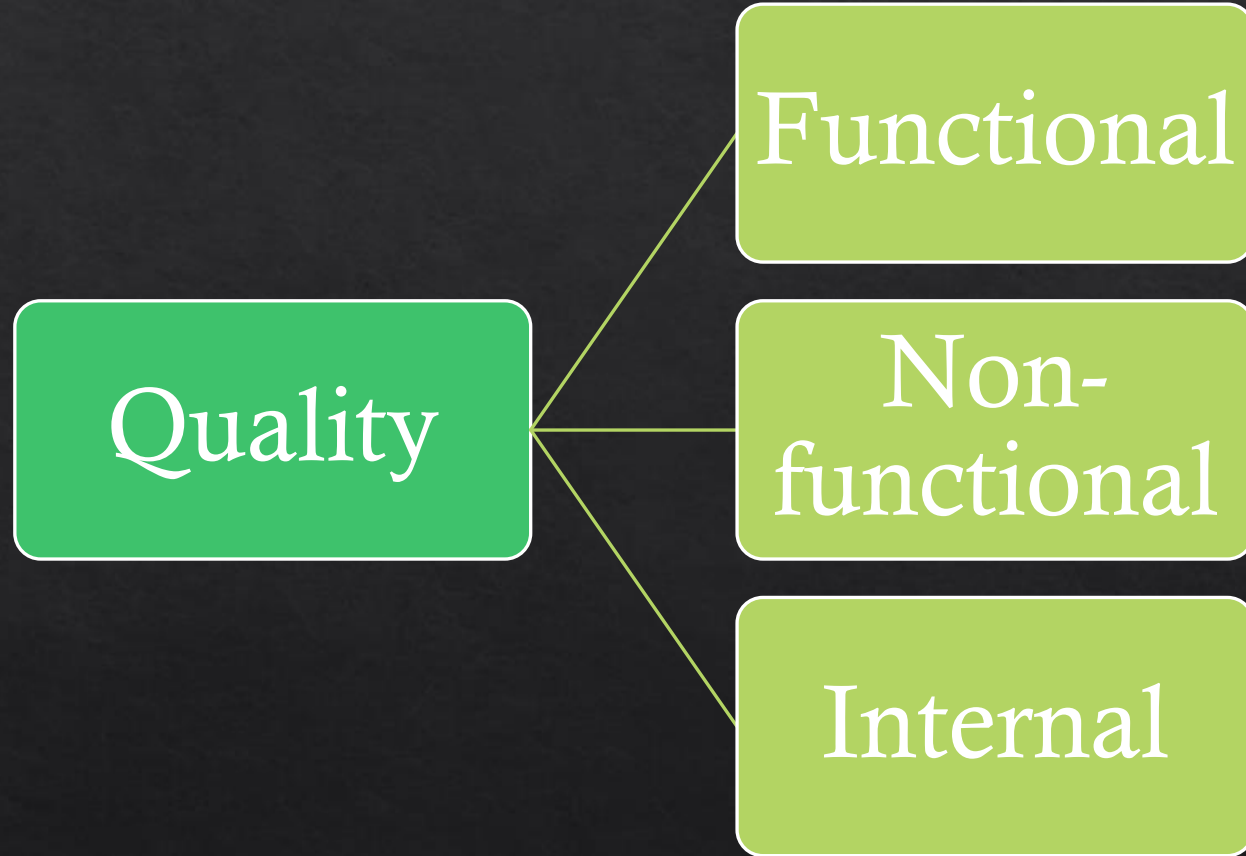
Why Code Reviews?

The right no. of TABs or SPACEs

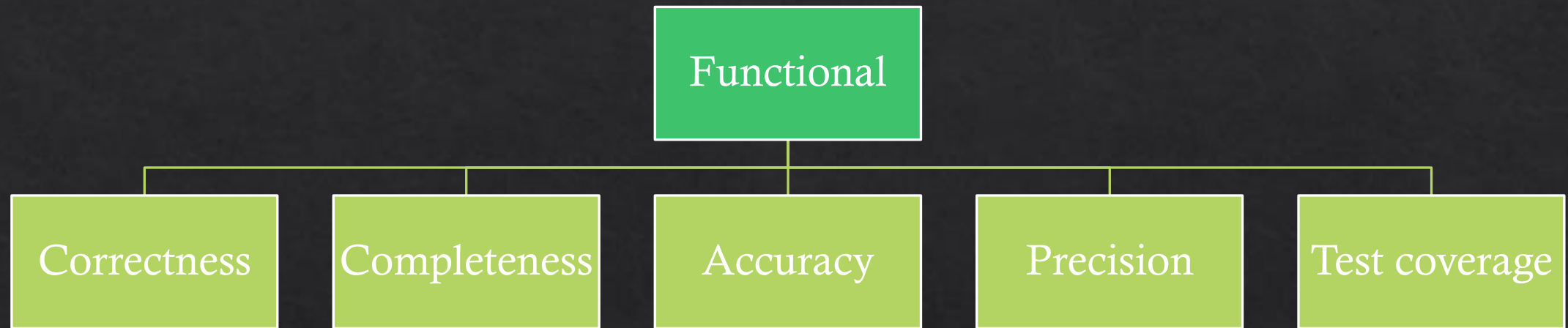
Code Alignment is perfect!



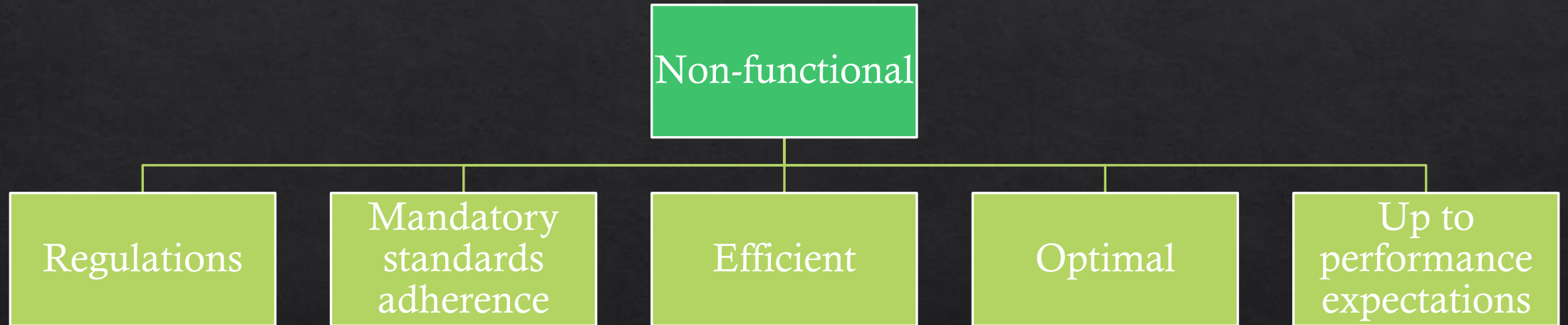
Why Code Reviews?



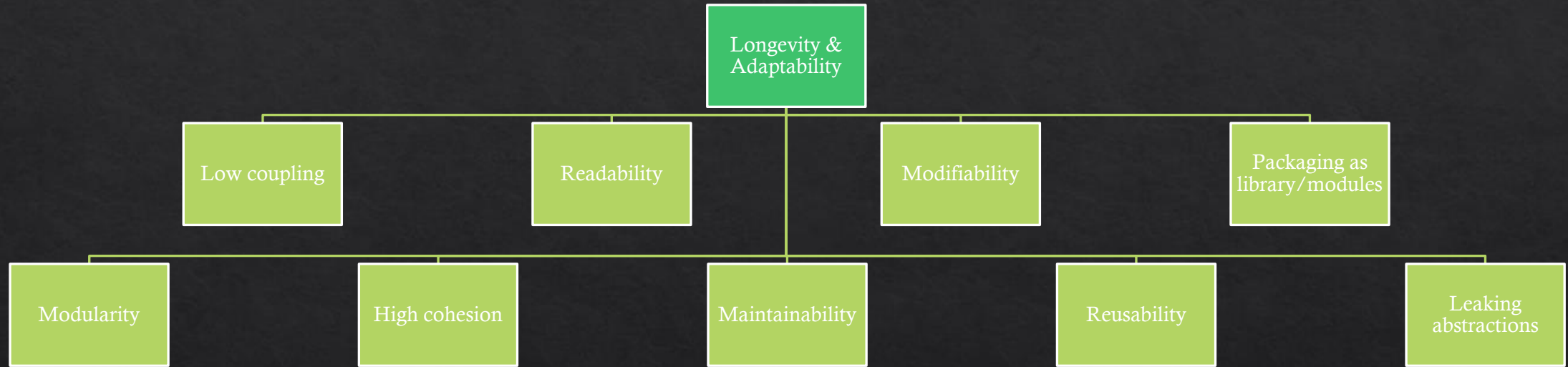
Love Code Reviews – Quality



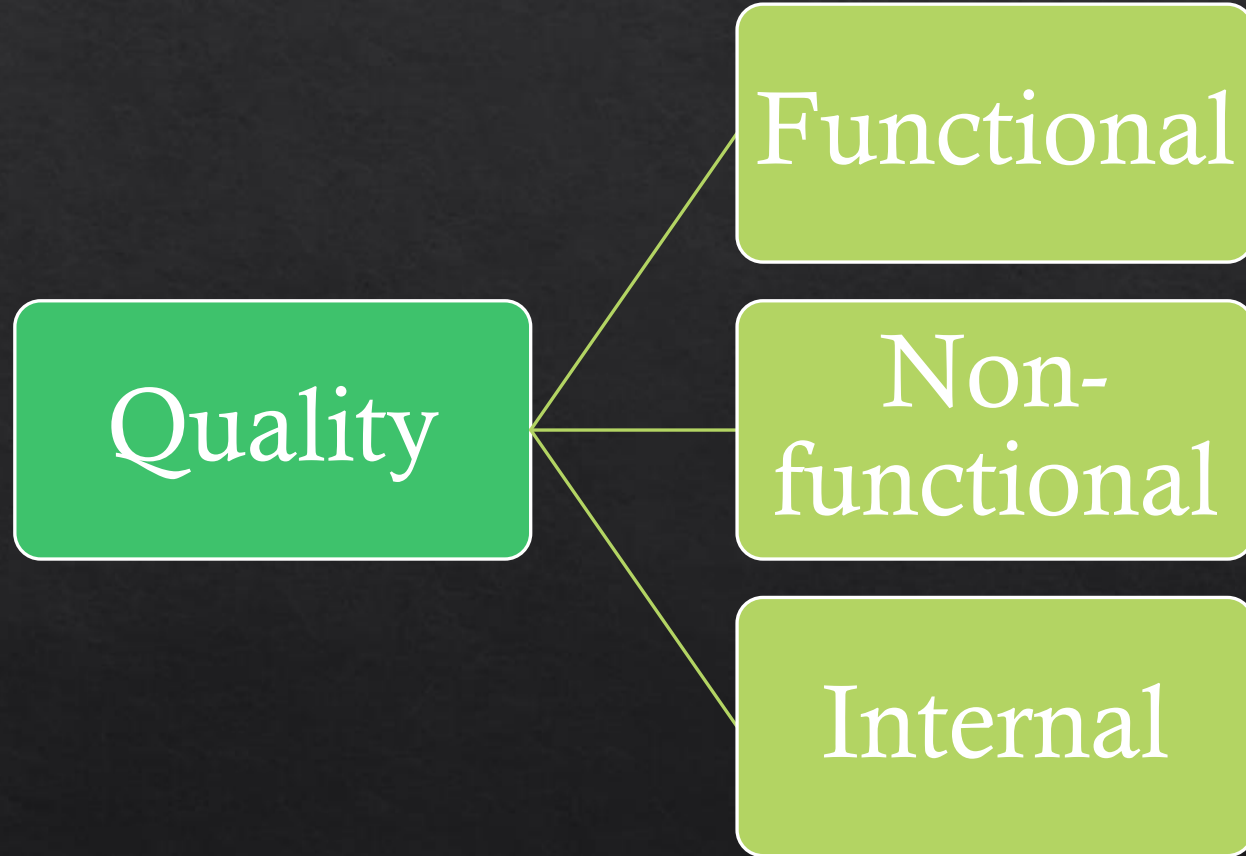
Love Code Reviews – Quality



Code Reviews → Internal Quality



Of course, Code Reviews → Quality



But

Is this the only
concern?

Some overall team concerns

Quality

Ownership

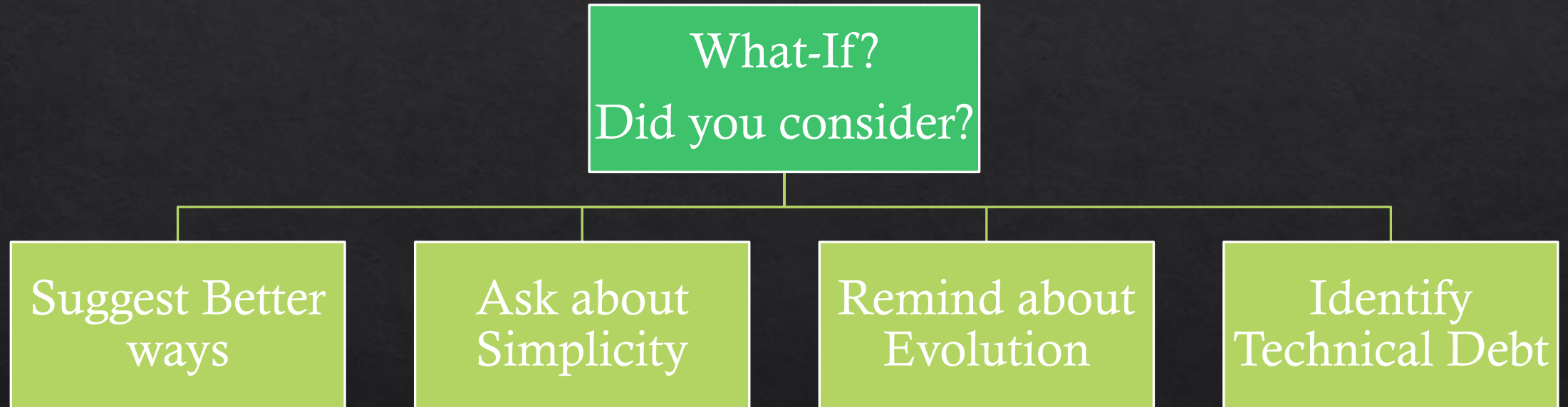
Knowledge

Evolution

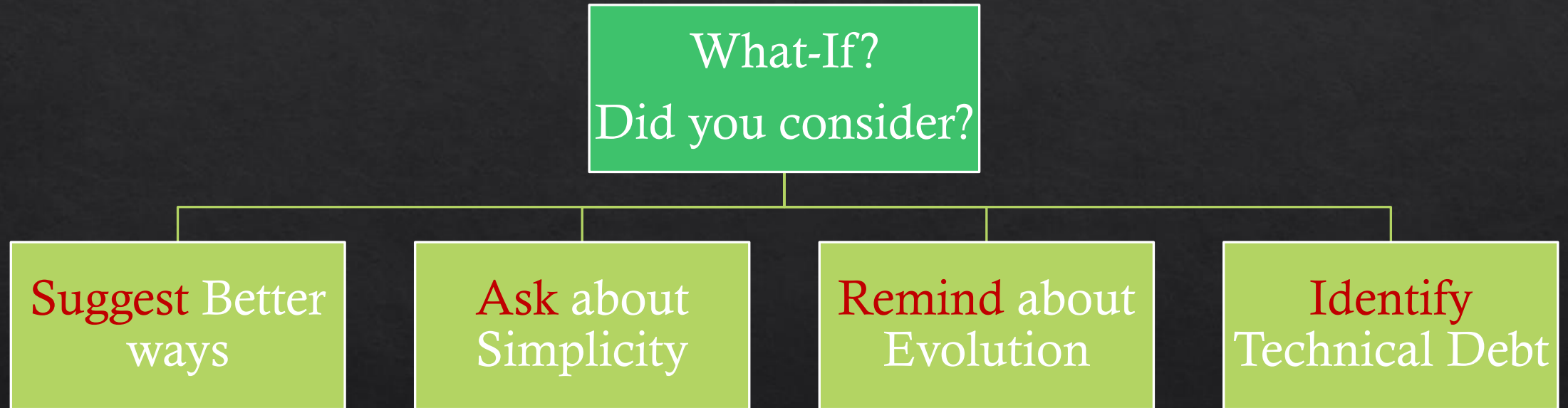
Innovation

Transformation

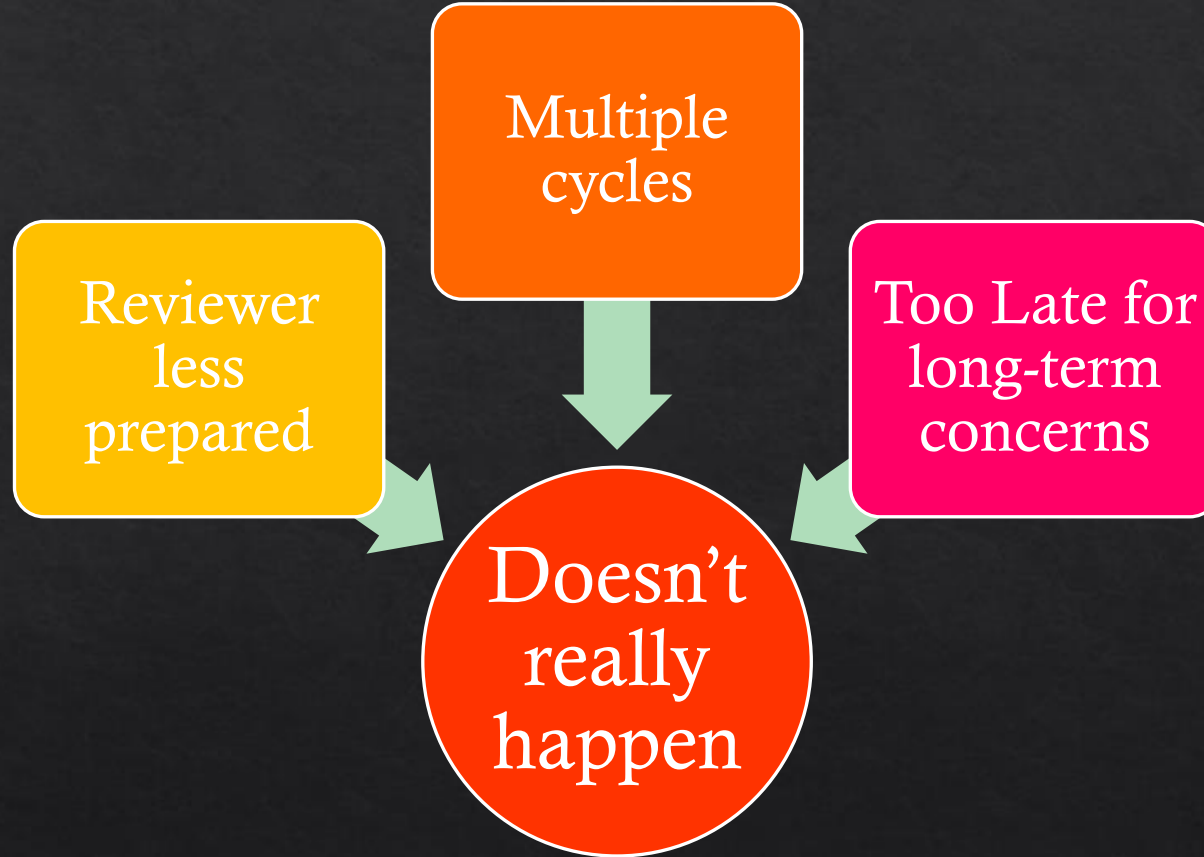
Code Reviews → Possibilities?



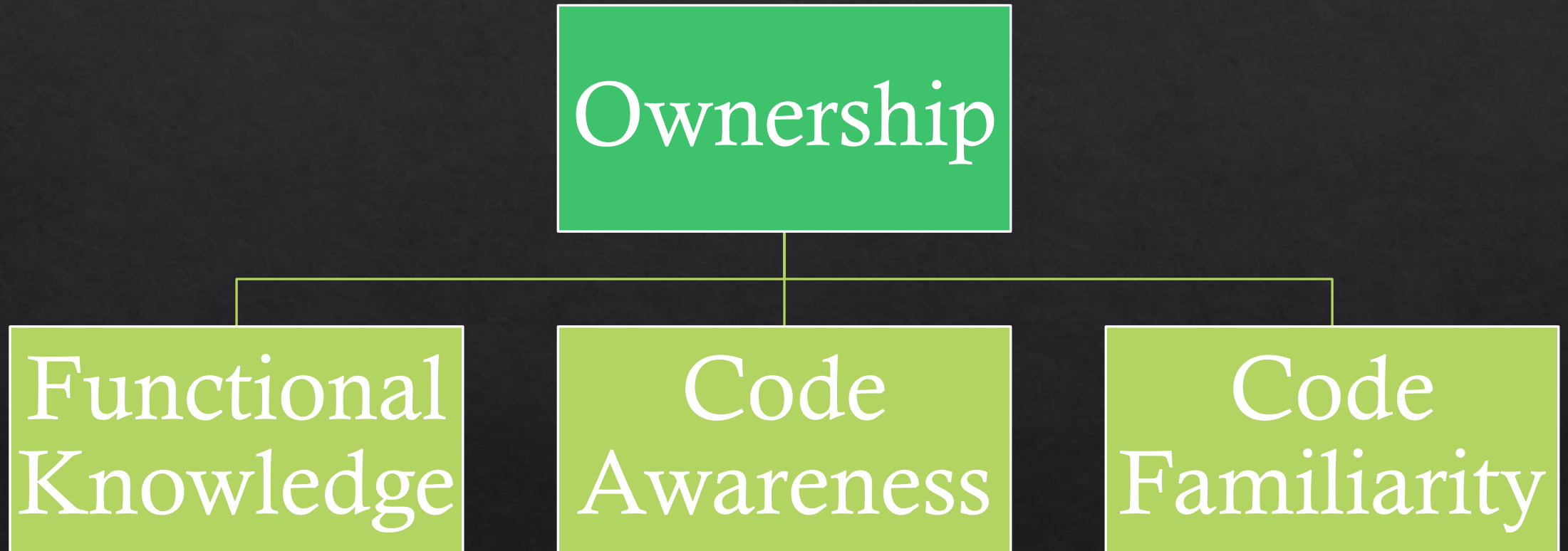
Code Reviews → Possibilities?



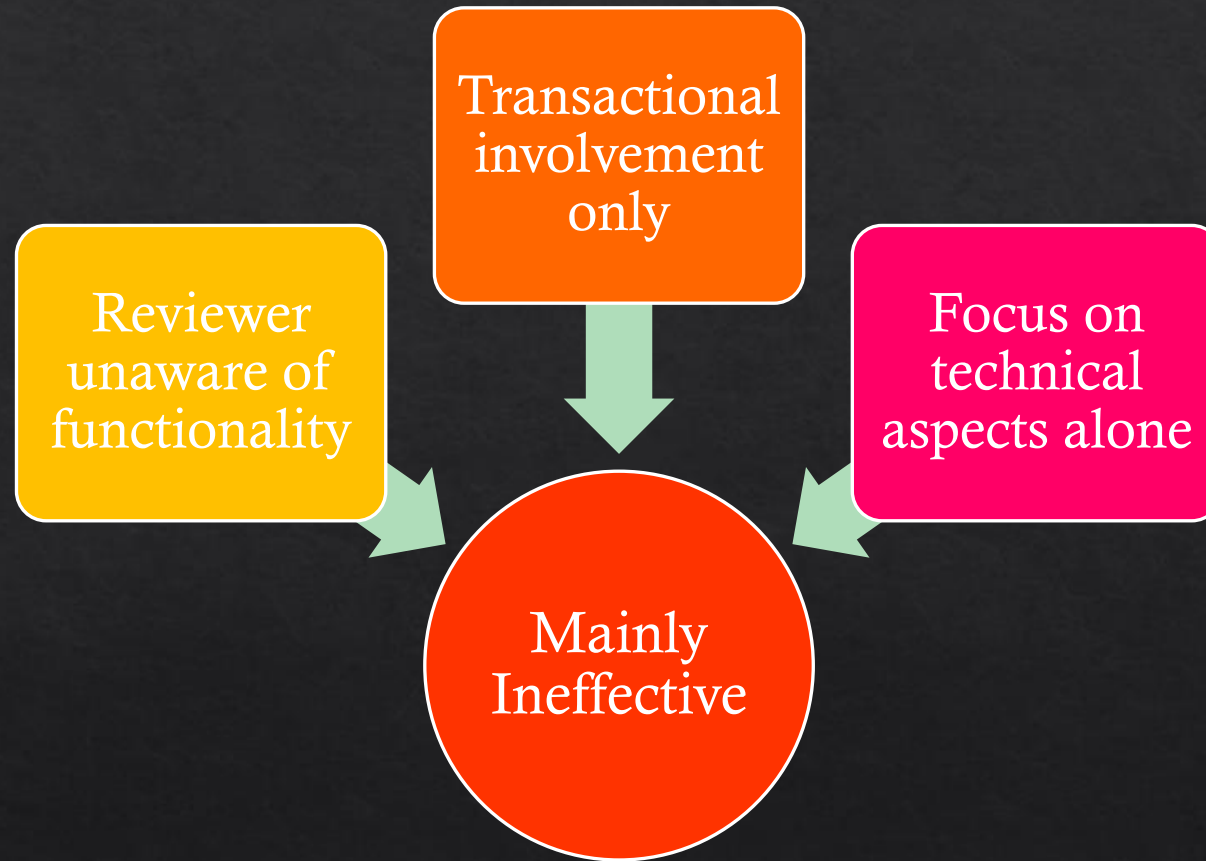
Code Reviews → Possibilities?



Code Reviews – Product Knowledge?



Code Reviews – Product Knowledge?



Code Review → Innovation



Too Late for idea exchanges
At least, no bouncing ideas off each other

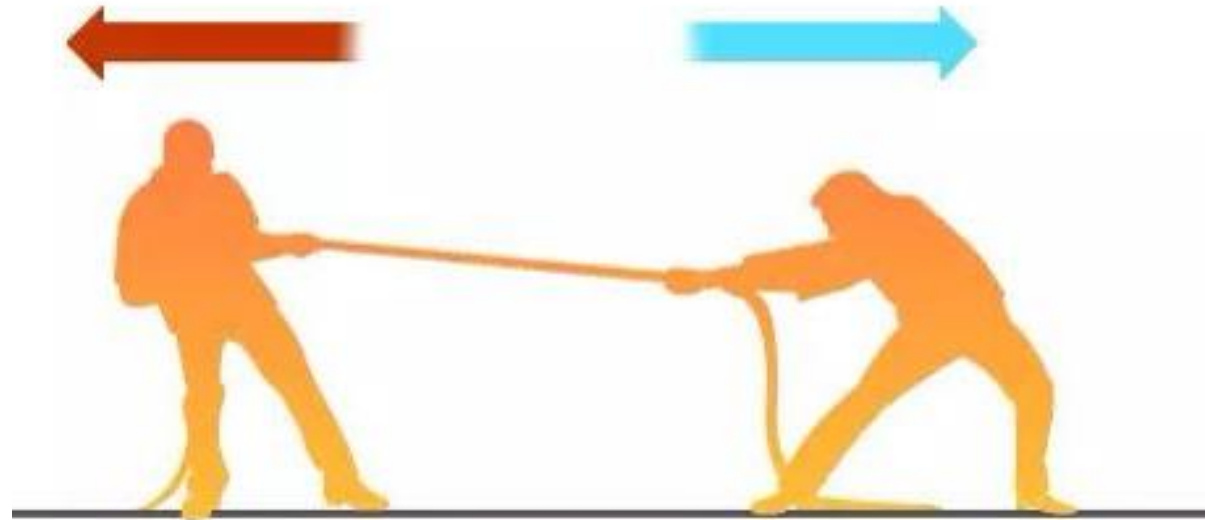
Code Review → Transformation



Modernisation/gradual introduction of new
Ways of working

Bringing up things in Code Review may feel like

- ◆ Implementor vs. Reviewer
- ◆ Short-term vs. long-term
- ◆ Go to market vs Code Health
- ◆ Going fast vs. Obstruction



How do Code Reviews fare?

Quality



Ownership



Knowledge



Evolution



Transformations



Innovation



So...

Can we do better?

Yes!

Pair Programming

Pair Programming



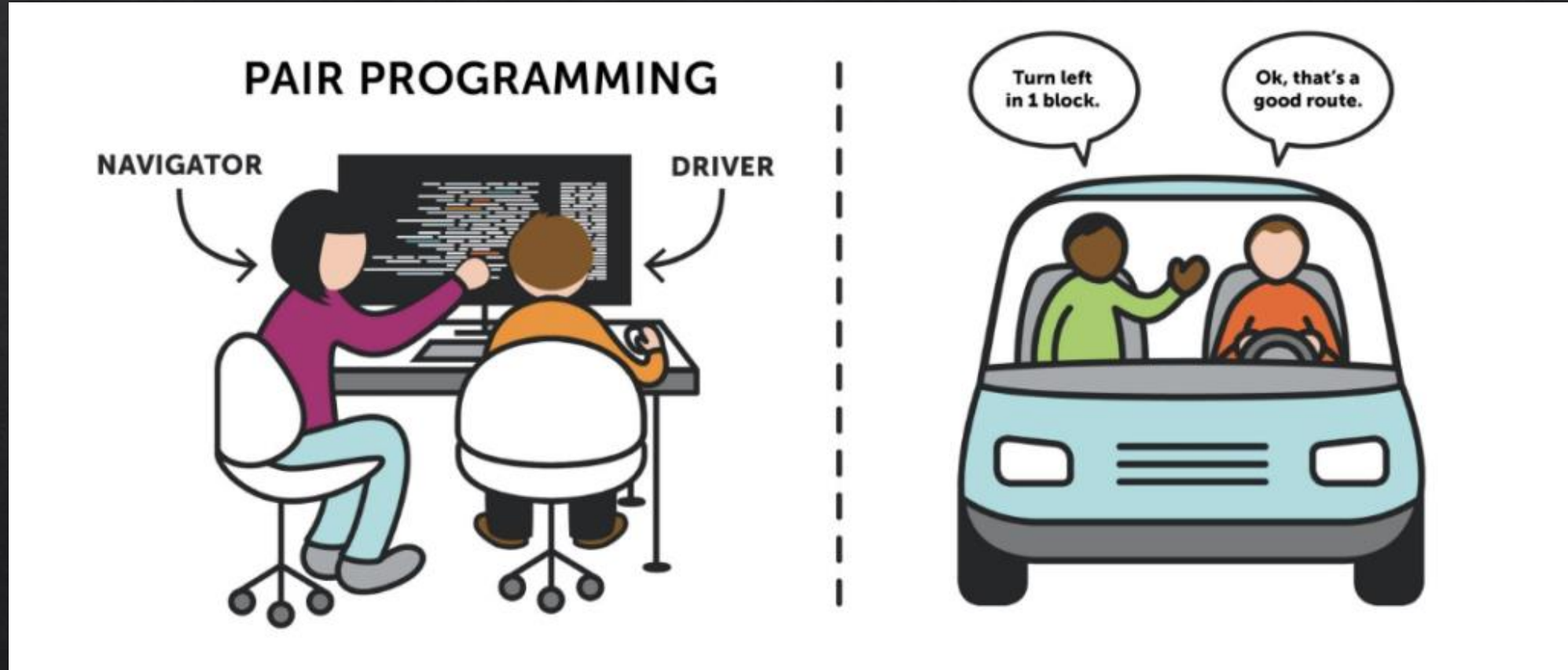
*Coming together is beginning, keeping together is progress, and
working together is success.*

Henry Ford

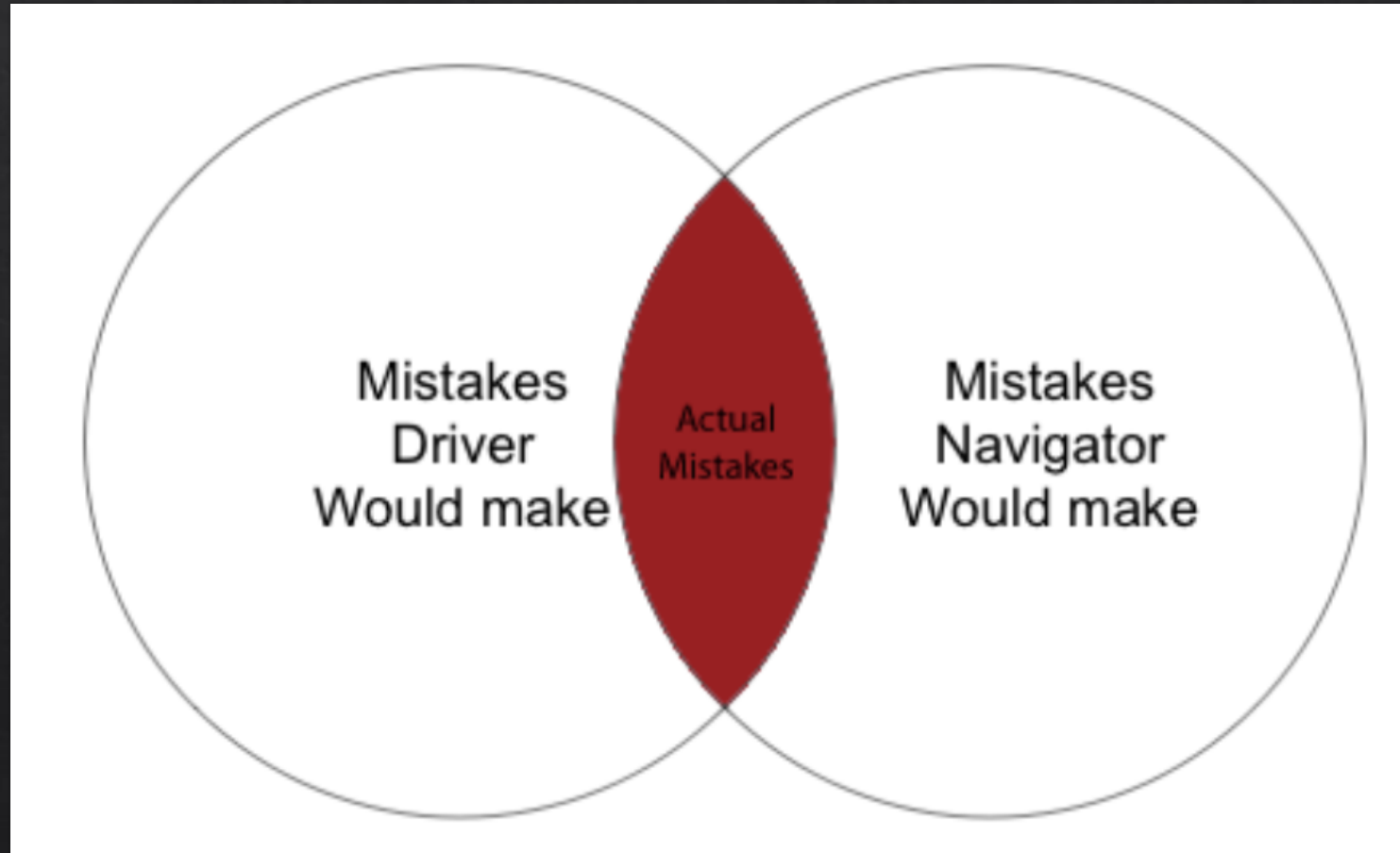
Pair Programming → Collaborative



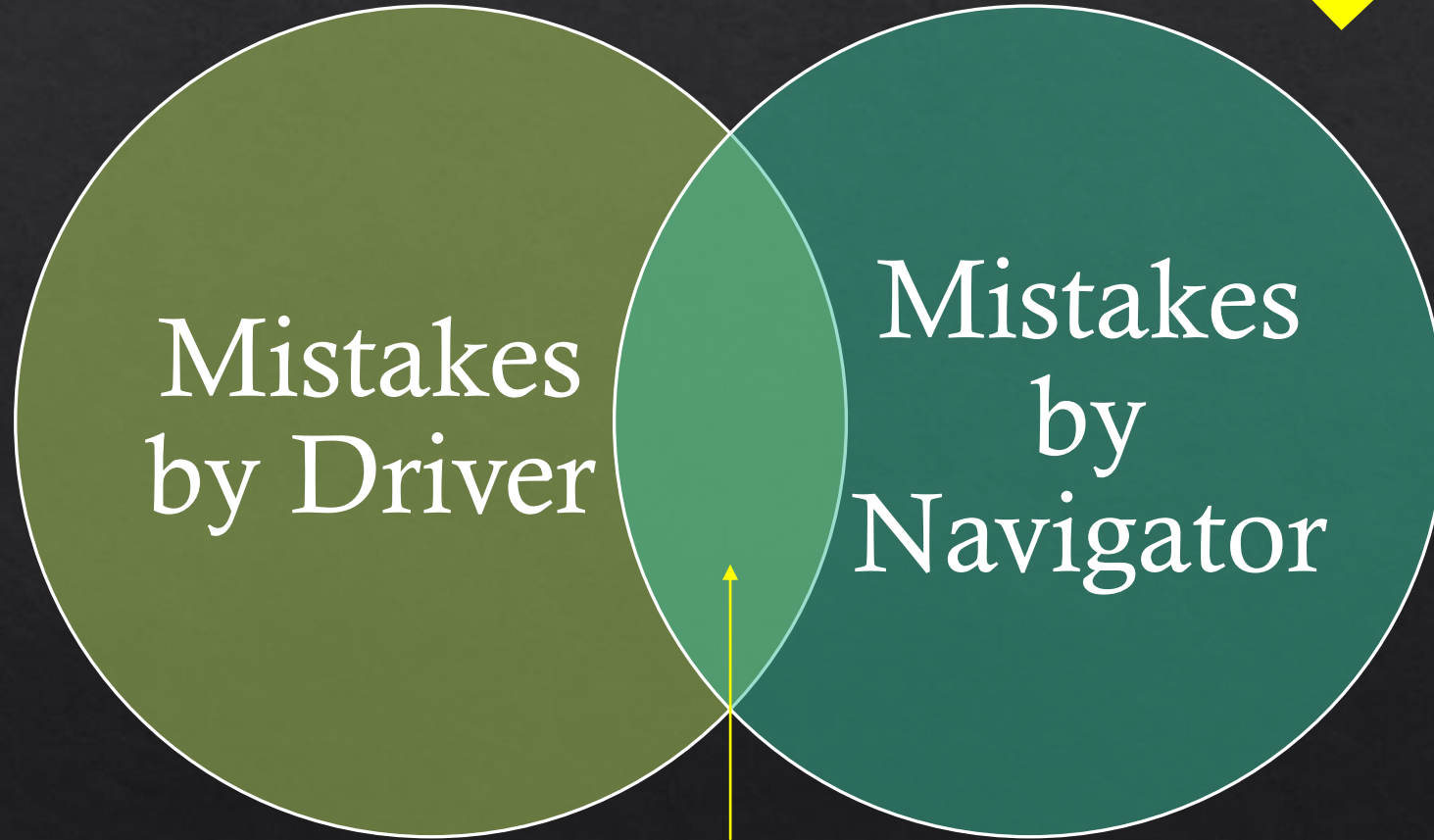
Pair Programming → Collaborative



Pair Programming → Quality

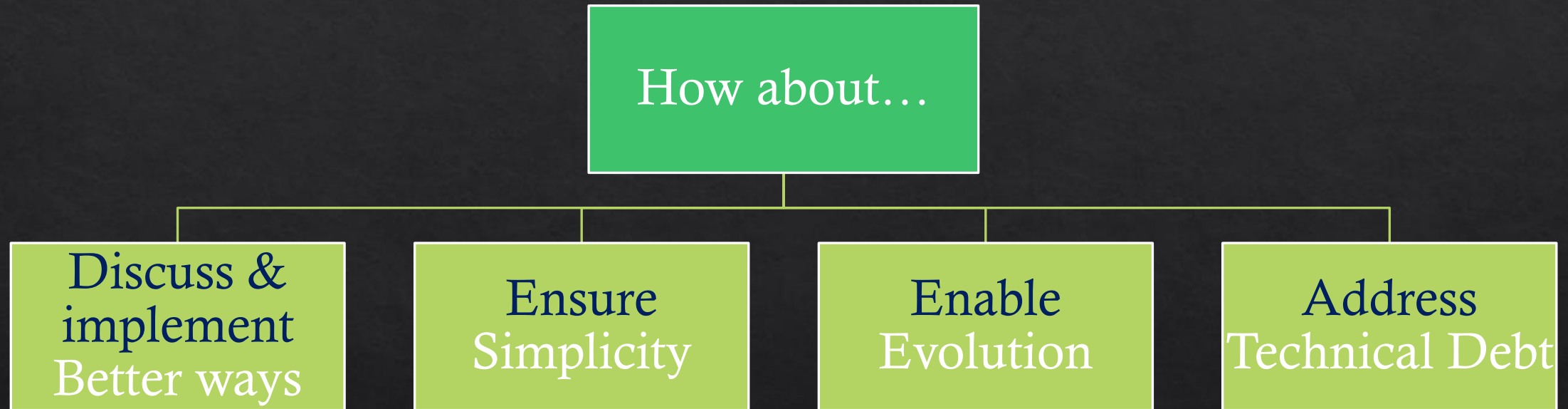


Pair Programming → Quality



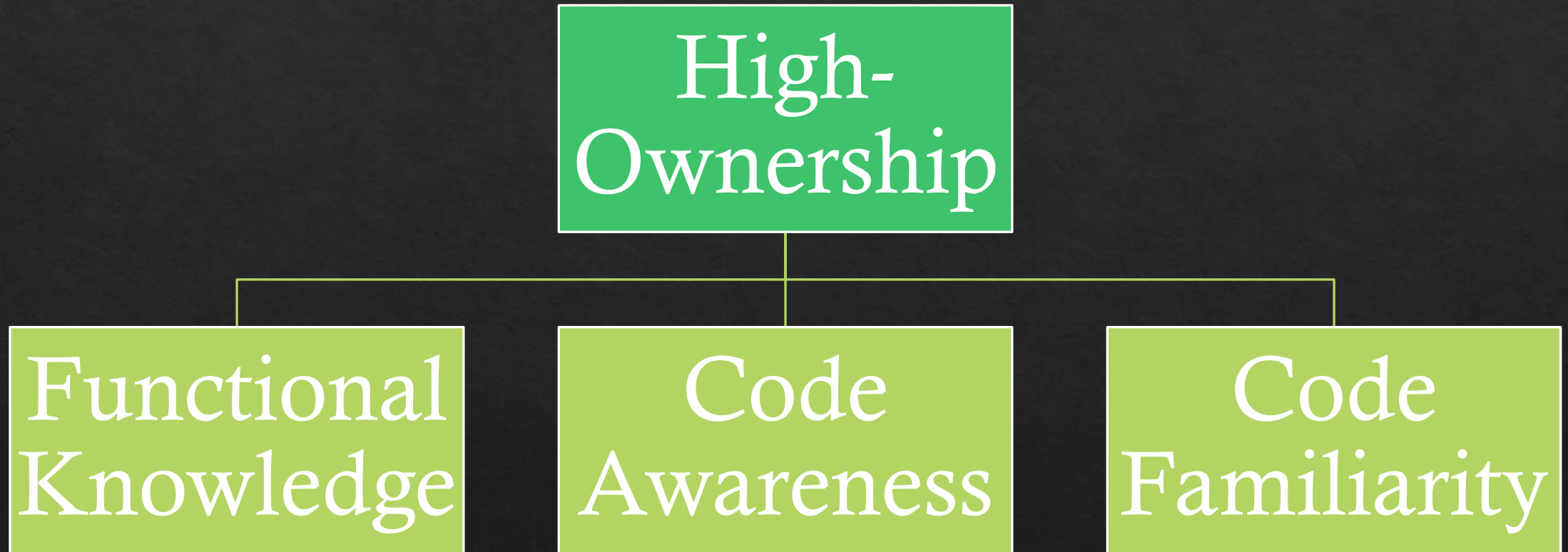
Actual mistakes

Pair Programming → Possibilities ✓



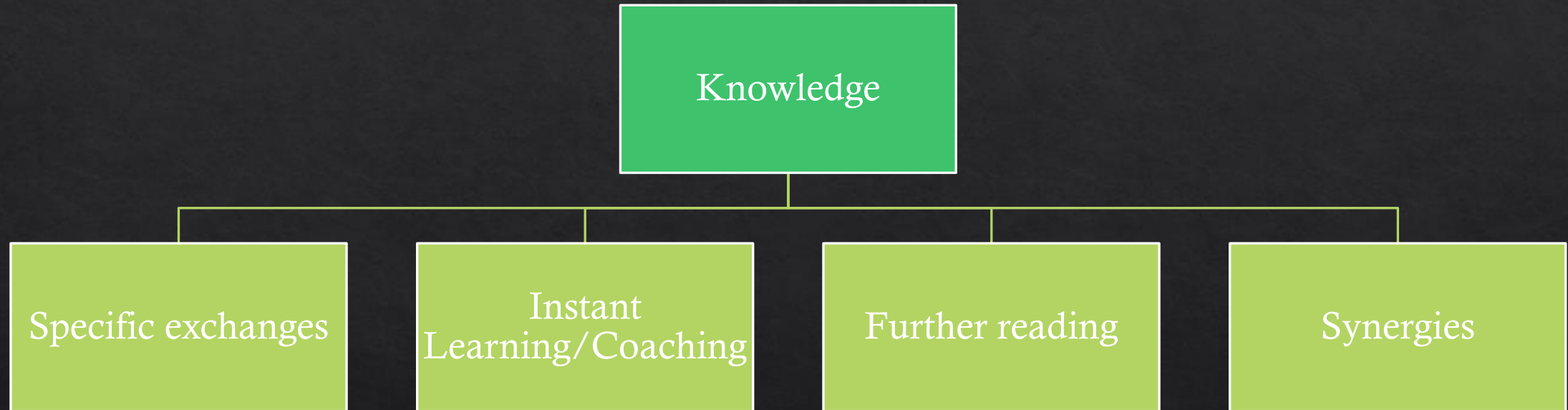
Evaluate more options!

Pair Programming – Product Knowledge?



Yes, I have worked on that functionality

Pair Programming – Individual Knowledge



Pair Programming – Innovation



Innovation

Ideation
together

Instant
evaluation

Grow
further

Pair Programming – Transformation



Let's try it out!

How does Pair Programming fare?

Quality



Ownership



Knowledge



Evolution



Transformations



Innovation





Pair Programming → Team Bonding

- ◆ Know specific strengths & gaps in knowledge
- ◆ See each others' Thought process
- ◆ Really work with each other!
- ◆ Bonding & belonging

Pair Programming



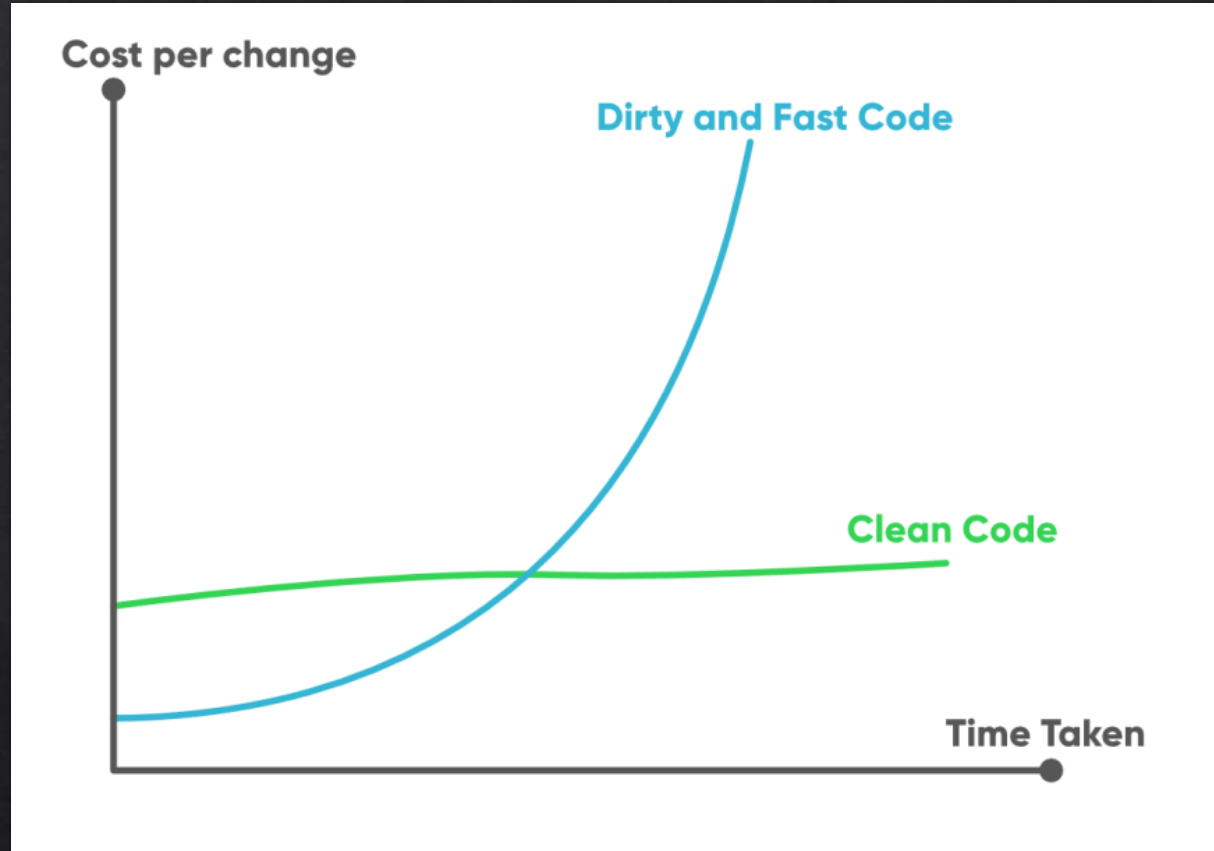
Do try this at home!

Pyaar (Hindi for love) + Programming =
Pair Programming

Some problems are solved by
improved ways of working;
for everything else, there is C++



Backup – the customary graph of the talk



Thank you!

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