



# Peer Programming to increase "Team Quality"

Photo by Randy Fath on Unsplash



# About me

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something @ somewhere

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**Wait... what's "peer  
programming"?**

**Pair Programming**

**Mob Programming**

**Collaborative development work!**

A photograph of two pigeons standing on a cracked, reddish-brown surface. The pigeons are light grey with iridescent green and blue necks. The background is a blurred, layered structure of similar reddish-brown material. The text "Have you done *pair programming*?" is overlaid in white, bold font.

Have you done *pair programming*?

Photo by [Parshant Saini](#) on Unsplash

A person wearing a red hoodie is holding a flaming torch high in the air. The torch is bright yellow and orange, with a large plume of red smoke rising from it. The background shows a city street at night with multi-story buildings and trees. The overall scene is dark, with the fire providing the main light source.

**Have you done *mob programming*?**

Photo by [Rafael Garcin](#) on Unsplash



Is your team *frequently doing it?*

**Why are we doing this?**



# **Common reasons**

**learning/knowledge sharing**

**code quality**

# **Common criticism**

**no proven benefits**

**inefficient**

**difficult for some people**

Pairing can be difficult...

**because it puts people in situations of vulnerability.**

**Why should we be doing  
this?**

**"team quality"!**

(duh... that's the title)

A grayscale photograph showing a close-up of a person's hand holding a dog's paw. The person is wearing a striped sleeve. The dog is wearing a collar with a metal ring. The word "Trust" is written in large, white, sans-serif font across the center of the image.

# Trust

Photo by [Fabian Gieske](#) on Unsplash



# Shared vision

Photo by [Torsten Dederichs](#) on Unsplash

A collection of various keys, including a large skeleton key, a modern car key, and several smaller keys, scattered on a light-colored, textured surface. The keys are arranged in a somewhat diagonal pattern across the frame. The text 'Shared ownership' is overlaid in the center in a large, white, sans-serif font.

# Shared ownership

Photo by [Jen Theodore](#) on Unsplash



**How does peer programming  
help with that?**

A photograph of two Cedar Waxwings perched on a thin, grey branch. The birds are facing each other, with their beaks touching as they share a small, yellowish insect. The birds have reddish-brown heads and backs, black masks around their eyes, and yellowish underparts. The background is a soft, out-of-focus green, suggesting foliage. The overall image has a dark, semi-transparent overlay.

**We share...**

Photo by [Gary Bending](#) on Unsplash

**our unpolished work**

**our thought processes**

**We gain a deeper understanding  
of each other**

A dark pigeon is perched on a rusty metal bar with several circular holes. The background is a dark, gradient blue-grey. The text 'Feedback given at the best moment to hear it' is overlaid in white, bold, sans-serif font.

**Feedback given at the best  
moment to hear it**

Photo by [Tapish](#) on Unsplash

**while you're creating something**

**not when *your work* is "done"**



# **Collaboration**

**solving a problem together**

**Not opposition**

**critiquing your peers work**

A soccer game in progress on a green field. In the foreground, a player in a white jersey with "ORLANDO HEALTH" on it is running towards the right. To his left, a player in a red jersey is also running. In the background, another player in a white jersey is visible. The scene is captured in a slightly blurred, action-oriented shot.

**Creates "collisions" between  
people**

Photo by [Jeffrey F Lin](#) on Unsplash

**1:1 moments between people**

**who might not connect otherwise**

A large flock of sheep is gathered behind a wire fence, illustrating the concept of mobbing. The sheep are densely packed, and their heads are visible over the fence. The scene is set in a field with some trees in the background.

# Mobbing your shared vision

Photo by [Nareeta Martin](#) on Unsplash

**whole group creative process**

**strengthens shared vision about  
how we work**



**work agreements, code  
standards, ...**

**can emerge organically**

**create moments to refine what  
the whole team values**



**Where do I start?**

Photo by [Braden Collum](#) on Unsplash



**DO IT!**

High-quality screenshot by me

**Don't over-do it**

**Start short, take breaks**

**Collaborate when there's  
uncertainty**

**Split when all is clear**



**Look into techniques!**

**not just staring at the same IDE**



**Driver/Navigator**



**Ping-Pong**

**be clear on roles**

**and switch them**

**only drop structure**

**once you've got a feeling**

**Pair promiscuously**

**Drop your async code review**



**Keep going!**