

# Pair programming in more detail

Code is written by two programmers on one machine:

- “Helm” uses keyboard / mouse, does coding
- “Tactician” thinks about implications & problems
- Communication is essential to Pair programming
- Pair prog. is essential for project communication
- The pair doesn't "own" that code - anyone can change it
- Pairings can (and should) evolve at any time
- All code is reviewed as it is written !
- Tactician is in ideal position to recommend refactoring

# Study on Impact of pair programming

Academic Project Similar to this one:

Single programmer project: 77 lines of code  
(per team member, per month)

Pair programmer project: 175 lines of code  
(per team member, per month)

AND a big increase in code quality (fewer errors)

[Jensen, 2003]