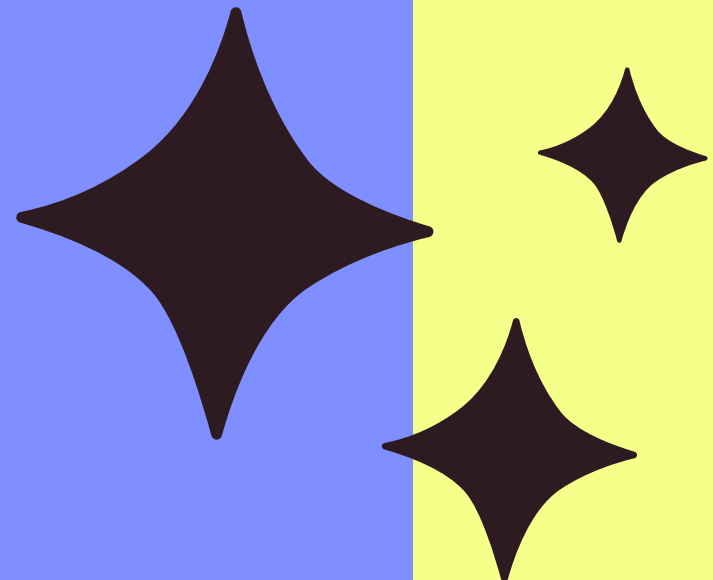
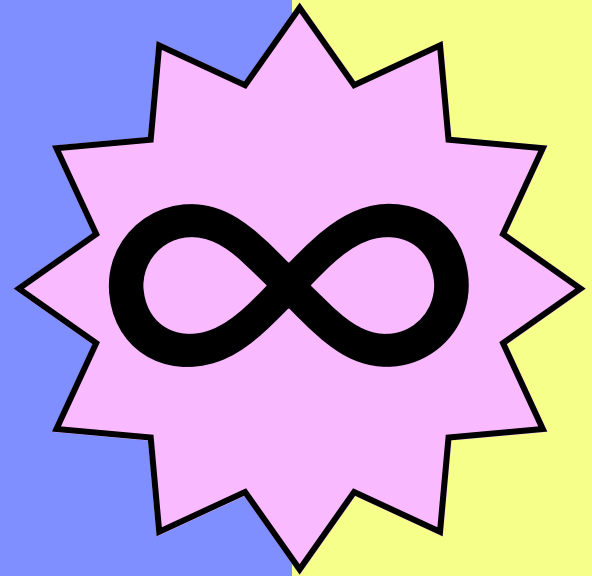


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Social Coding Principles



Social coding principles



What is social coding

- Open source project
- All repositories are public
- Everyone is encouraged to contribute
- Anarchy is controlled via Pull request

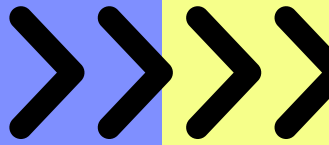
Social coding



Code reuse dilemma

- Code has 80% of what you need but 20% is missing
- How do you add 200% missing features?
- Make a feature request and depend on another team?
- Rebuild 100% of what you need (no dependencies)

Social coding



Social coding solution

- Discuss with the repo owner
- Agree to develop it
- Open an Issue and assign it to yourself
- Fork the code and make your changes
- Issue a Pull request to review and merge back.

Pair Programming



- Two programmers on one workstation
- The driver is typing
- The navigator is reviewing
- Every 20 minutes they switch

Pair Programming



Pair programming benefits

- Higher code quality
- Defects found earlier
- Lower maintenance cost
- Skills transfer
- Two set of eyes on every line of code
- Broader understanding of the codebase

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