Social Coding
- Open source practice
All repositories are public
is encourred to contribut
is controlled ma Pull Requests.
Code reuse dilemma
-) code has 80%, of what you need but 20%, is missing.
The do you add 20%, missing features?
make a feature request and depend on another team?
7 000 11
Rebuild 100% of what you need (no dependen -cies).
-) Discuss with repo owner
- Aggree to develop
I open issue & assign it to
fork & make charges
Issue pull request to review & merge bock.
Pair Programming:
- Juo programmus on one workstoris
- driver is typing
Jewens Jewens
benifits somme they suntch.
V
- higher code quelity - defects found earlier
-) louver maintainluce costs
I skells transfer on enery line of code.
-) Tuno set of eyes on mery the of code.

Minimum Viable Product (MVP) -> MVI is not phase (1) of a produt. I MVP is an experiment to test your value hypothesis and learn -) MVP is focused on leaving, not delivery. -> At the end of each MUP, you decide whether to purot or presence. -> MVP is a tool for learning -) The experiment may fail & that's okay - Failure leads to unclesstanding -> what did you learn from it? -> what will you do defferently? Test Duiven Development: I Test cases druce the design I you write tests first - write code to make test pass - Keeps you focused on the purpose of code, TDD workflow write a test case that fails Green (Pass) write code to Improve make it purs code quality - Saucs time I code faster & with confidence - Juliu changes wont thange break code

Think Cloud Nature

- The 12 factor app
 - A collection of stateless microservices
 - Each service maintains its own database
 - Resilience through horizontal scaling.
 - failing instances are killed & spanned
- -> CP of services.

failure happens

- -> Embrace failures they will happen metrices)
- How to anoid how to identify & what to do
- aprational concern developer concern.
- -, Plan to be throtetled

Patterns that make applications resultient:

- Retry Patkin
- aucuit breaker patkin
- Bulkhead Patrin
- , Choas Engineering