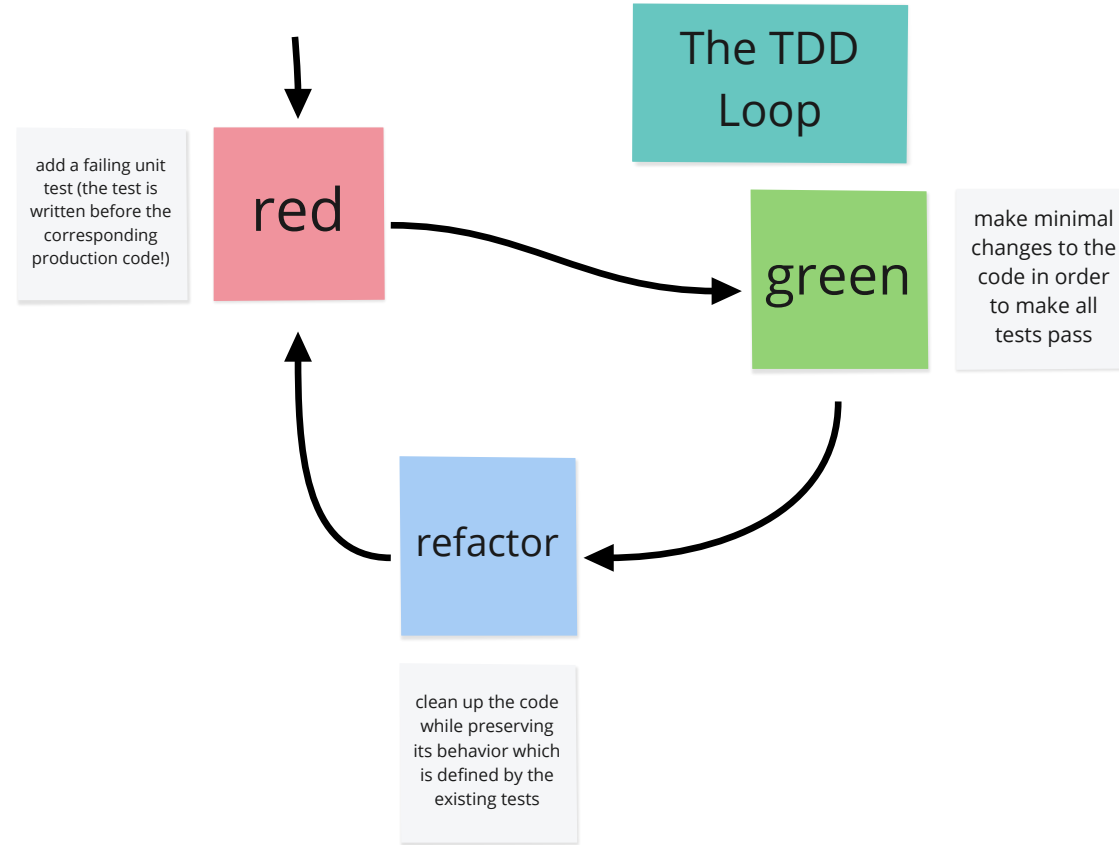


Introduction to Test-Driven Development

20.8.2024

Fundamentals of Test-Driven Development



Ensemble Programming

Ensemble
Programming (Mob
Programming)

>2 persons are
programming together
on one computer

Roles

Driver

does all
the
typing

Navigator

gives
directions to
the driver /
decides what
to code next

different
patterns/rules
when to switch
roles, ...

Fizz Buzz Kata

Rules of Fizz Buzz

Write a function that receives a positive integer (from 1 to 100) as argument and returns a string for each number

For multiples of 3 return Fizz instead of the number

For multiples of 5 return Buzz instead of the number

For numbers which are multiples of both 3 and 5 return FizzBuzz instead of the number

Constraints

Test
First

Baby
Steps

strict
TDD

write the minimal amount of code to turn tests green

start
with red
tests

tests should stay green while refactoring (only small and safe steps)

Mob
Programming
Mode

one
driver

one
navigator

roles
switch
every 3
minutes

driver
becomes
navigator,
new driver