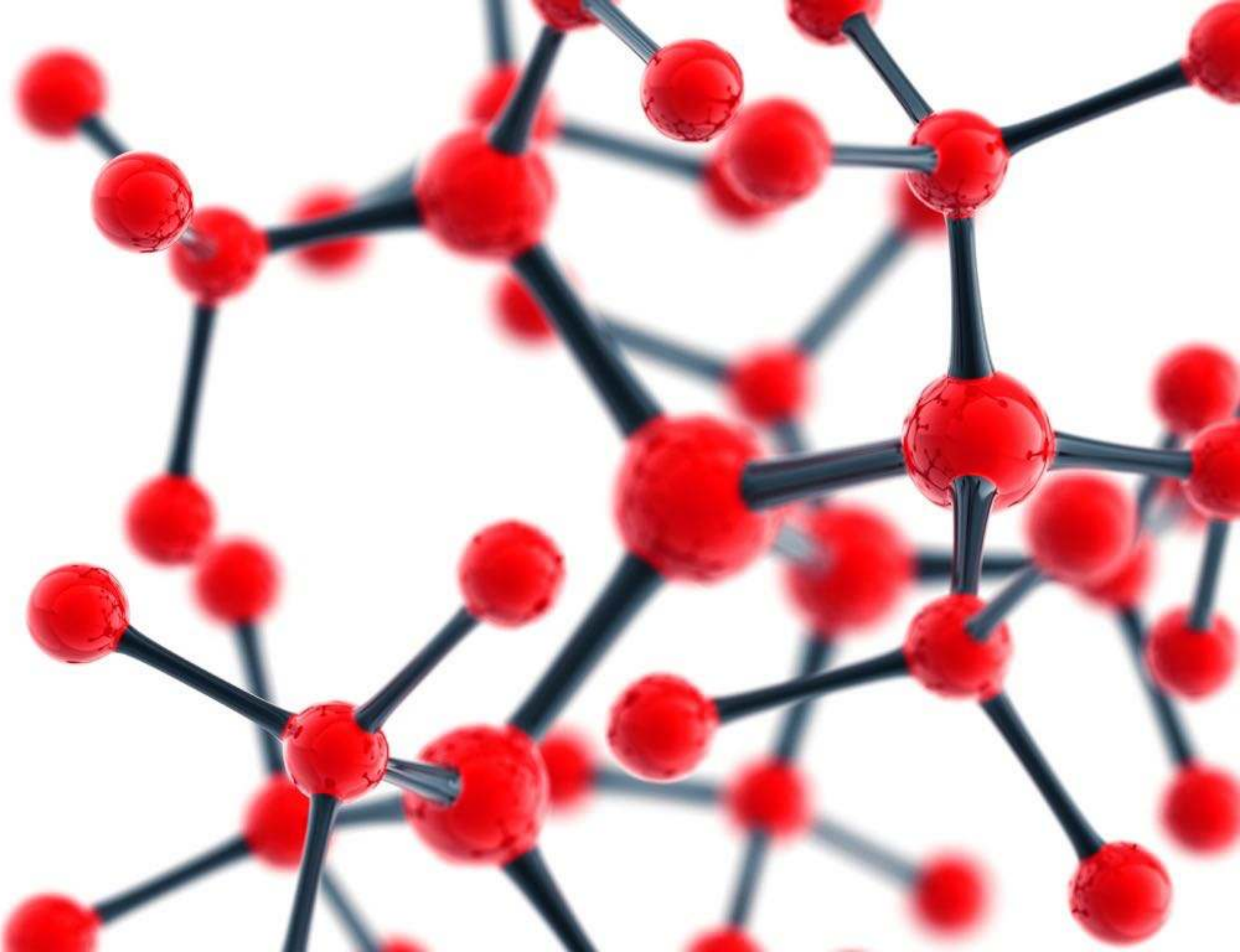


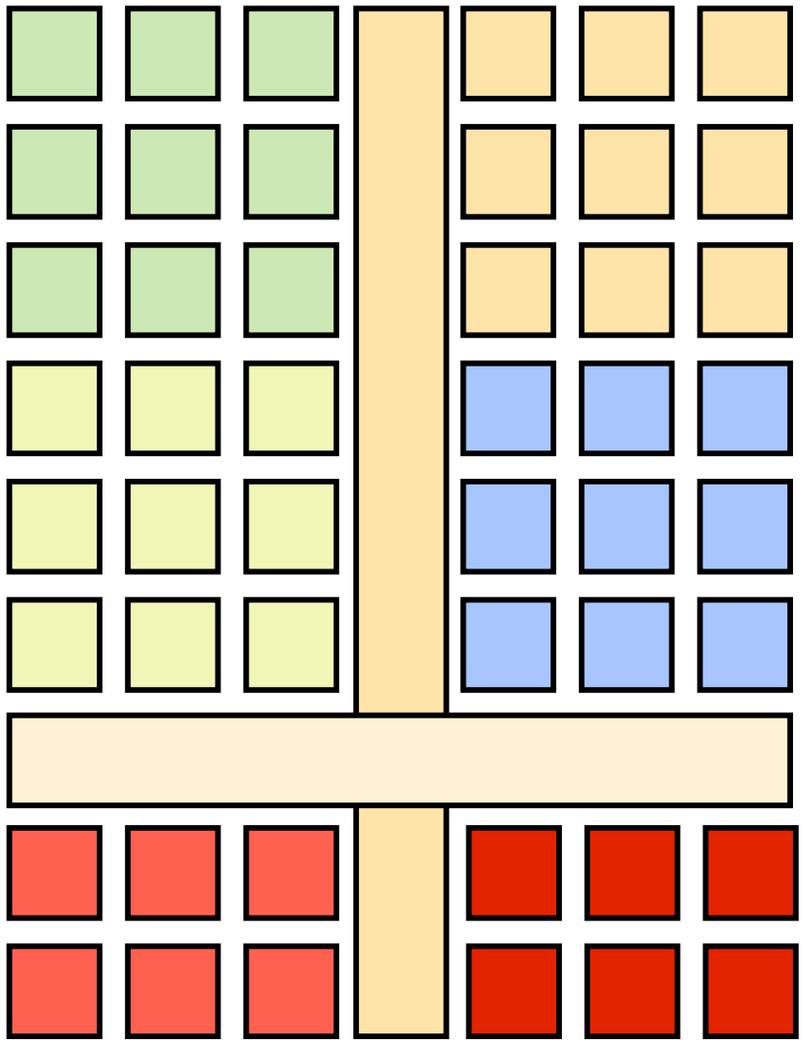
# Fast-track Test-Driven Development

@majcon

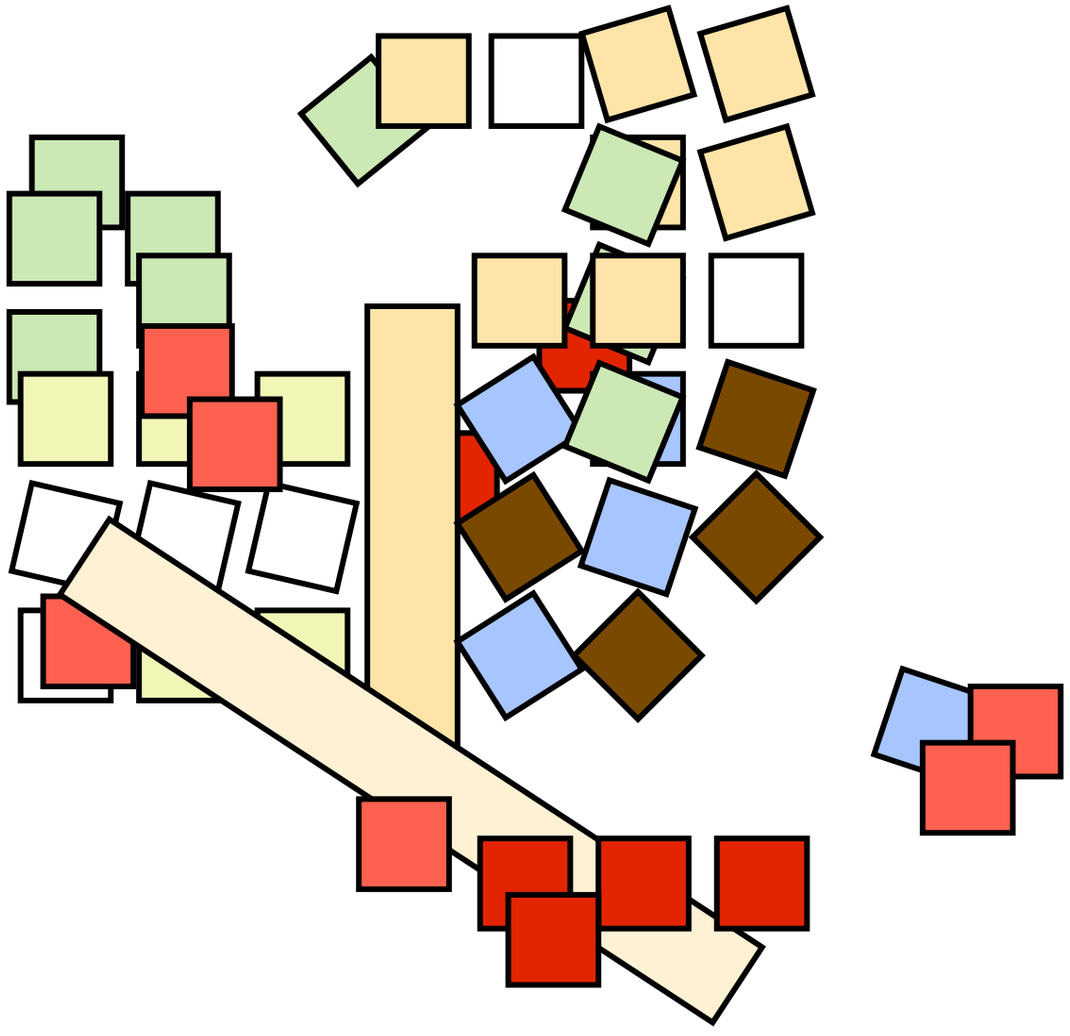


# hey boss everything is under control...

how is presented



how the truth is



# writing working software is not enough!

# Test-Driven Development

WIKIPEDIA:

> “is a software development process that relies on the repetition of a very short development cycle: requirements are turned into very specific test cases, then the software is improved to pass the new tests, only. This is opposed to software development that allows software to be added that is not proven to meet requirements.
>
> ...TDD encourages simple designs and inspires confidence.
>
> Test-driven development is related to the test-first programming concepts of extreme programming, begun in 1999,
>
> but more recently has created more general interest in its own right.”

# Feedback-Driven

you start here!

## THINK!

## RED

- write a test
- make it fail
- keep it simple
- tests are examples
- tests becomes documentation

## GREEN

- get to green fast
- take baby steps
- stuck? undo and start over
- write only enough code to pass the test

## REFACTOR

- remove duplication (in code and tests)
- rename and clean up
- run tests and stay green
- change implementation not behaviour
- improve structure in small steps

Test Driven Development Cycle

# Feedback-Driven Demo

