Defeat the beast

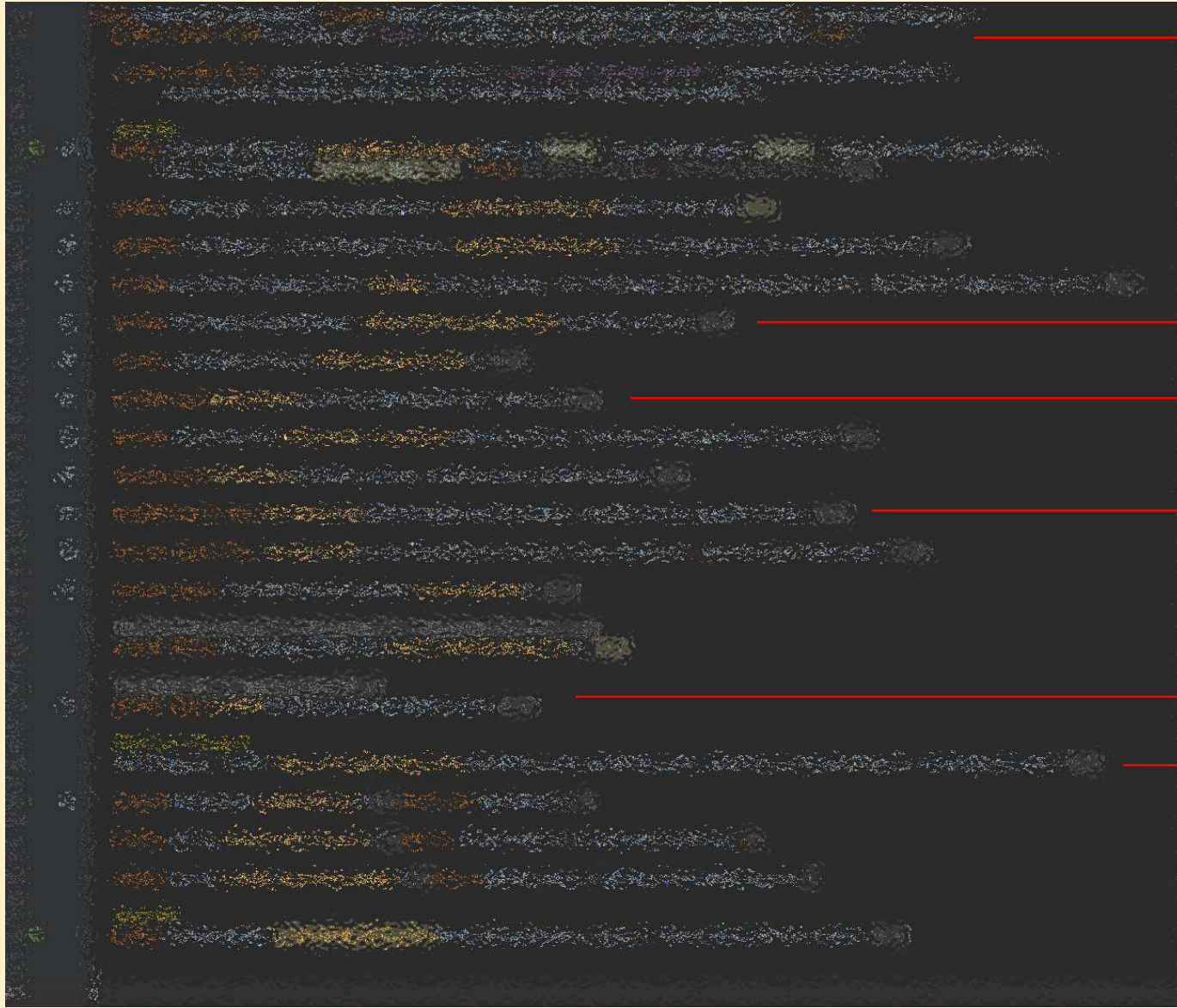Code renovation in production code

Disclaimer

- TDD

- Remember
  - Clean code
  - Cohesion and Coupling
  - SOLID Principles++
  - Connascence

- Behavior driven development

- Have a clean architecture

The task

Send an system notification event after your business step has finished
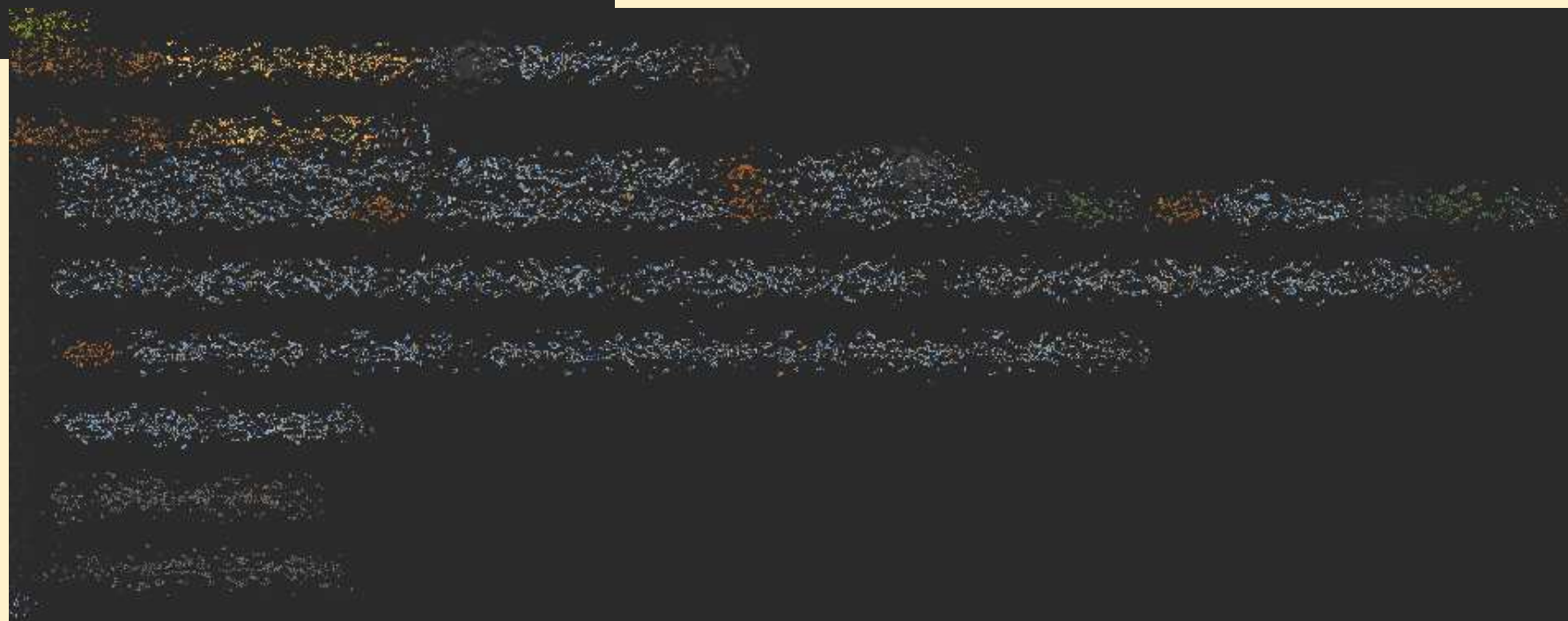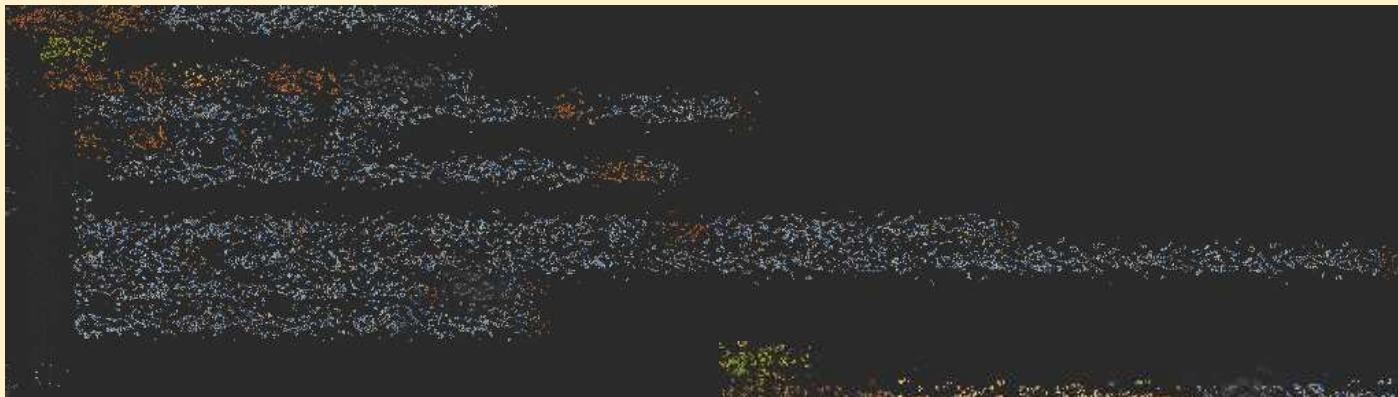
The beast
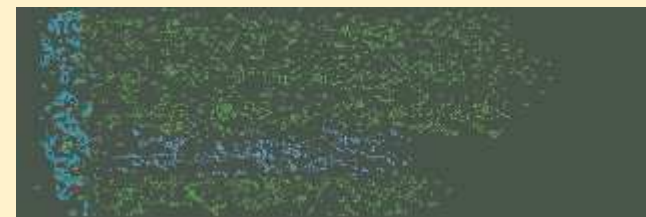

Logger

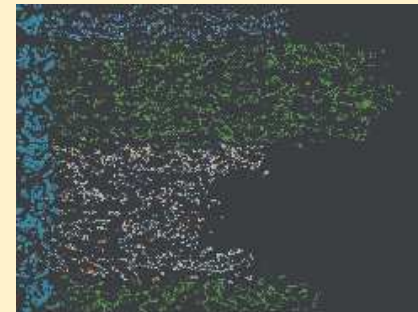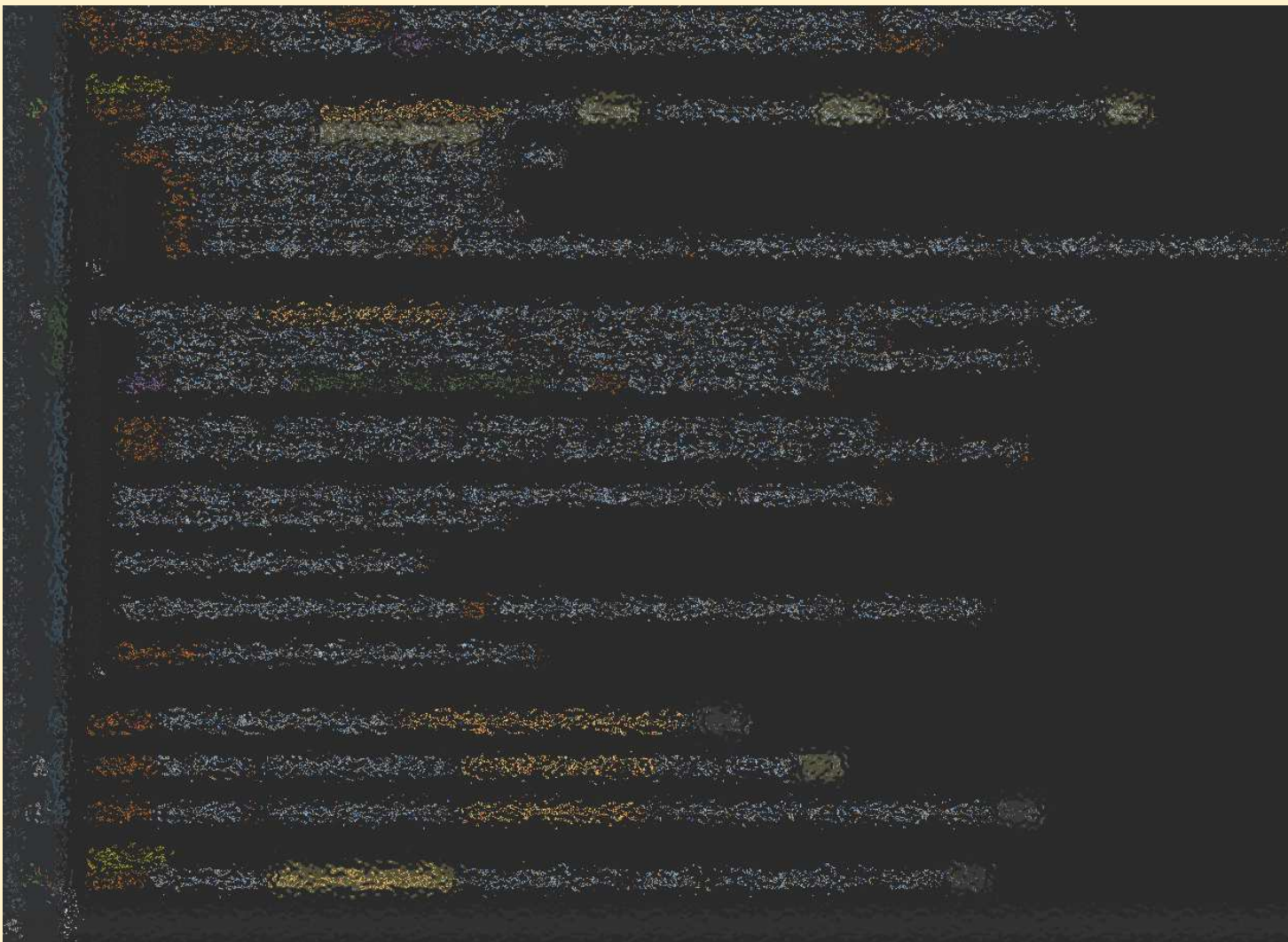rule engine call

database updates

BPM call

sendMail to productive address

extern system call

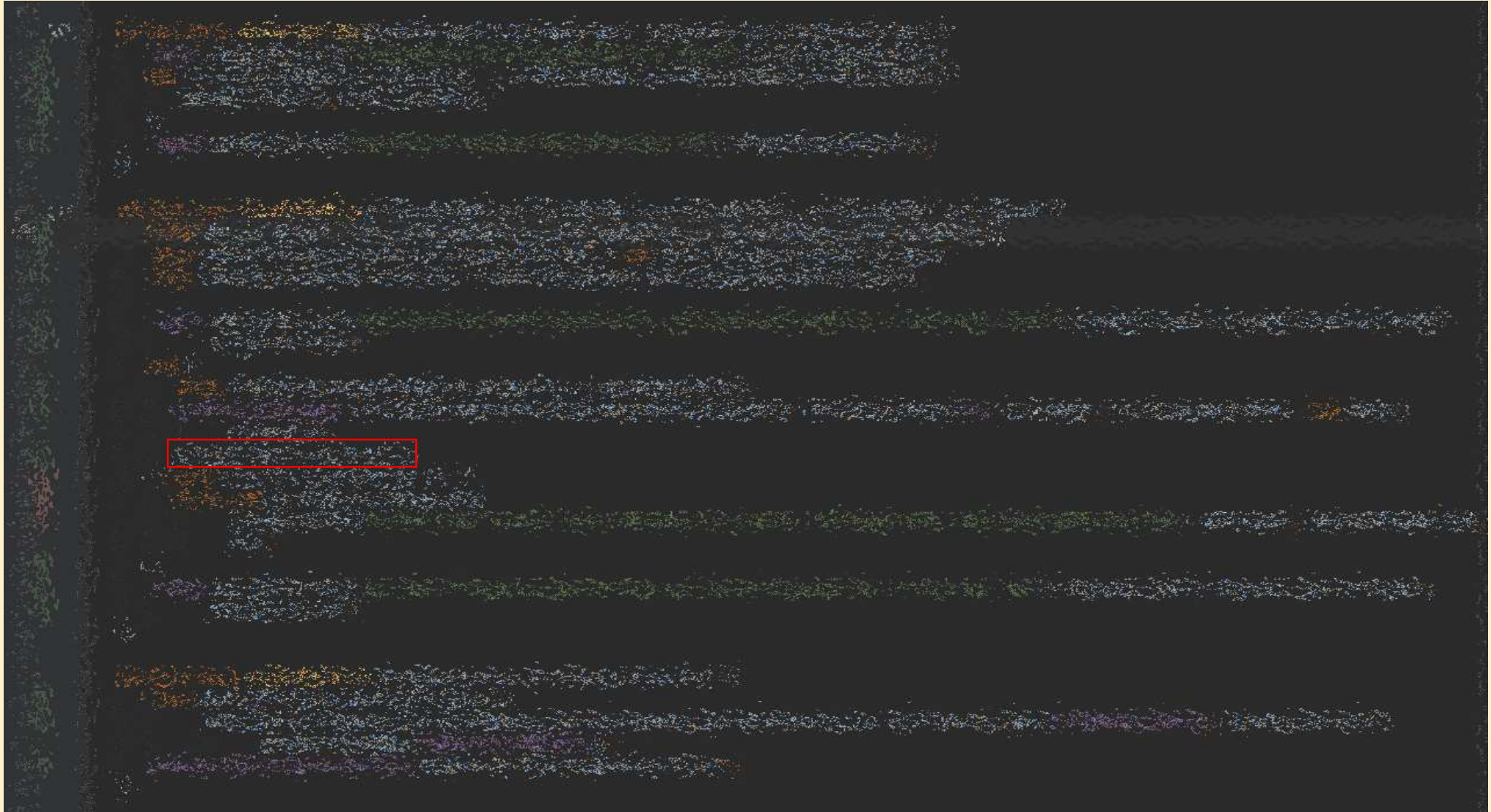# The tests

The solution

The solution

The solution

Conclusion

- We got lost in the refactoring technics
  - Adapt Parameter
  - Break out methode object
  - Primitivize Parameter
  - Replace global reference with getter
  - …

- Before you change code,
  you must have tests in place.

- Practise, practise, practise

Lessons learned

- It's all about naming

- Look for side effects

- Dont mock the whole system
  - Separation of concerns

- Never change a bug in prodcution

- You don't have to understand everything

Questions?

References

- Book: Agile technical pracices distilled
- Slides: Alcor code renovations