

A decorative graphic on the left side of the slide, consisting of white lines and circles on a blue gradient background, resembling a circuit board or a stylized tree structure.

# AN UGLY PRESENTATION

BUT I'VE LEARNED A LOT

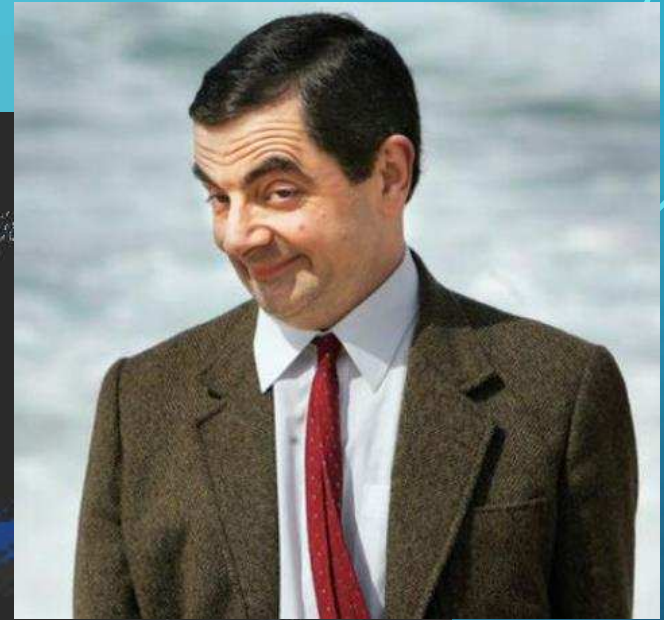
TAMÁS GÜNTHER, CSS VERSICHERUNG, ON ALCOR'S CODE RENOVATION COURSE

# THE IDEA

(MY, NOT FROM JETBRAINS)

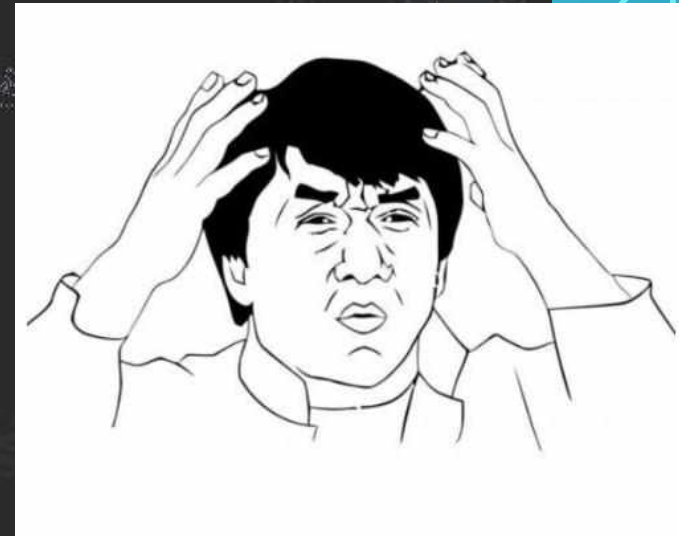
- Test coverage for «getPrice»
- Goals
  - Not ruining existing tests → preserve signature of the already tested «printStatement»
  - No manual coding, use only IDE when touching productive code
  - Write combination approval tests
  - Having fun with FP

PREPARE FOR «INTRODUCE FUNCTIONAL  
PARAMETER»





# «INTRODUCE FUNCTIONAL PARAMETER» OOOPS ? IT WORKED BEFORE



Cannot perform refactoring.

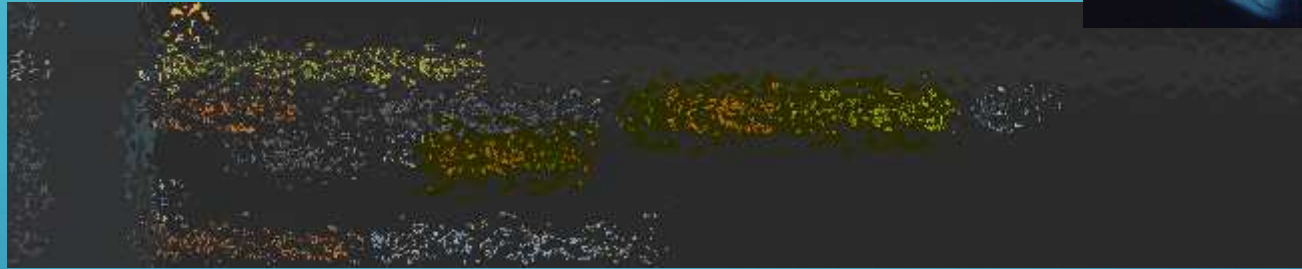
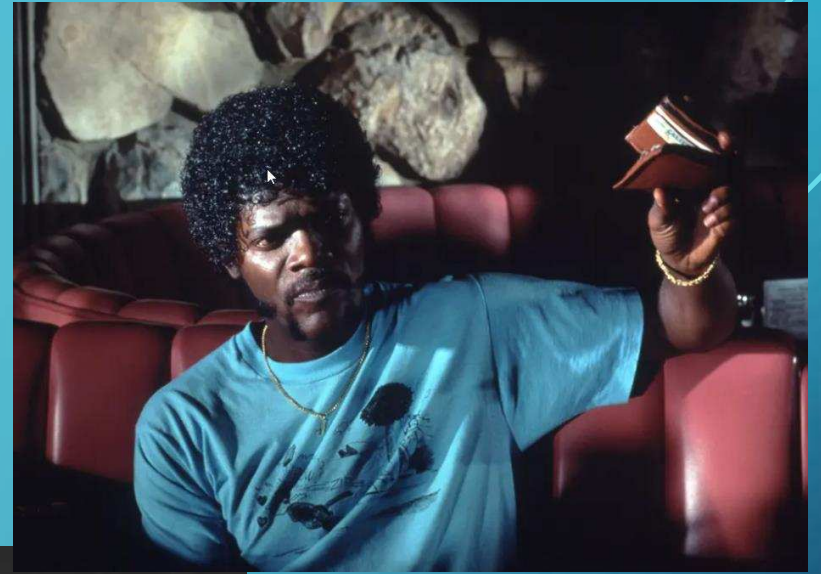
Introduce Functional Parameter is not supported in current context

# SOME «MANUAL» DISCOVERY NECESSARY





OK, I'LL GIVE WHAT YOU WANT



«INTRODUCE FUNCTIONAL PARAMETER» → ☹️  
IDEA DOES NOT RECOGNIZE THE NEW  
FUNCTIONAL INTERFACE





«INTRODUCE local variable» on  
this::getHttpResponse;  
Needs some manual corrections ☹️

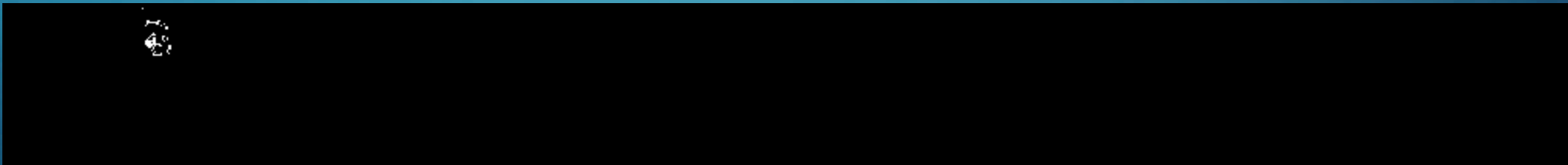




AFTER SOME UNWANTED KEYSTROKES...

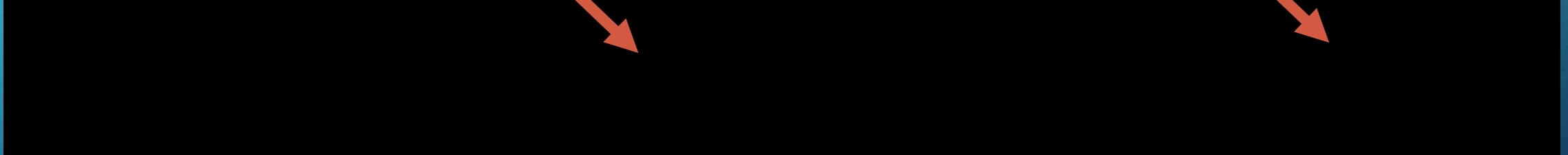


GETPRICE: 😊  
PRINTSTATEMENT: 😊

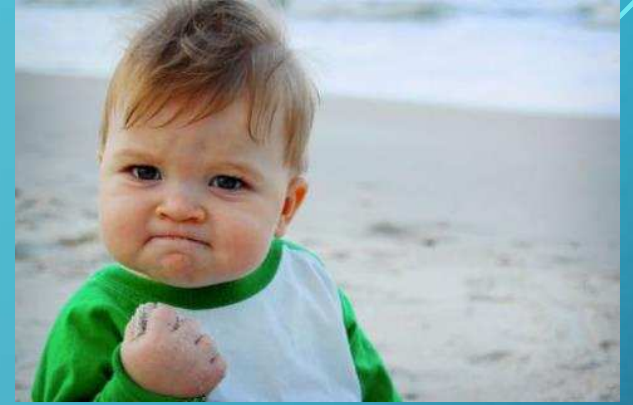




MARK DANGEROUS THINGS MORE  
CLEAR



LET'S WRITE THE TEST(S)





IMPATIENT...

GO STRAIGHT WITH PARAMETERIZED VERSION



AAAAAND THERE ARE THE COMBINATION  
APPROVAL TESTS...

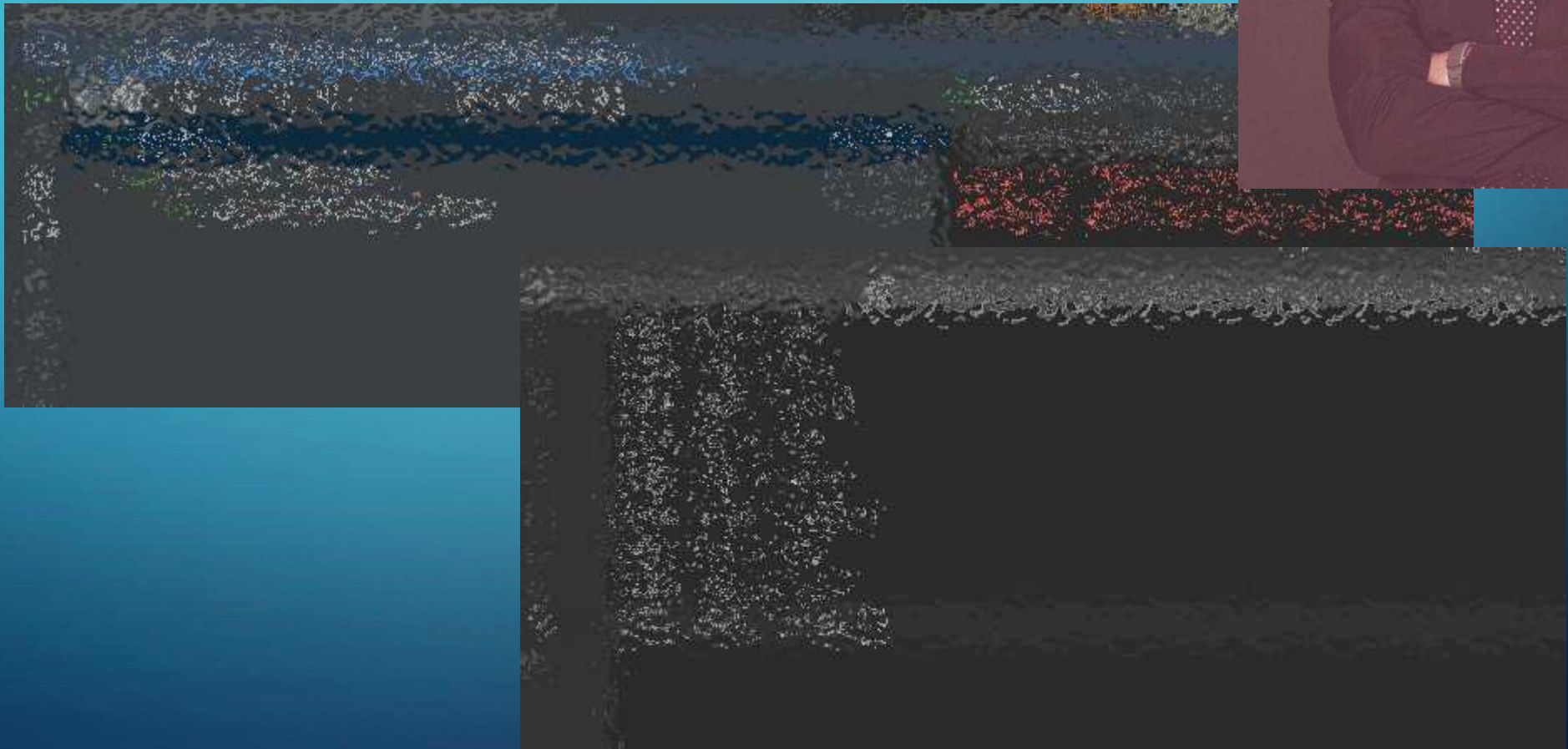




DON'T FORGET CTRL-A, CTRL-C, CTRL-A, CTRL-V  
OR SIMPLY PRESS >> IN INTELIJ'S DIFF 😊



DIFF IN IDEA DOESN'T HANDLE WHITESPACES  
CORRECTLY  
→ COPY FILE ☹️

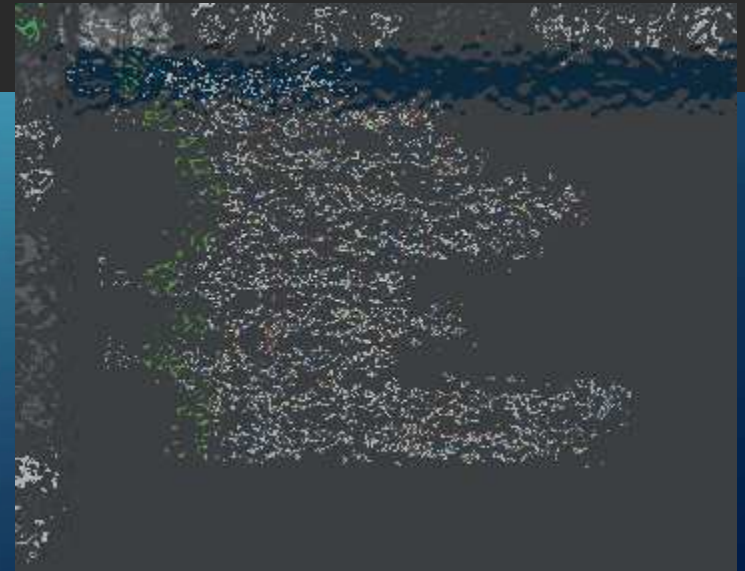
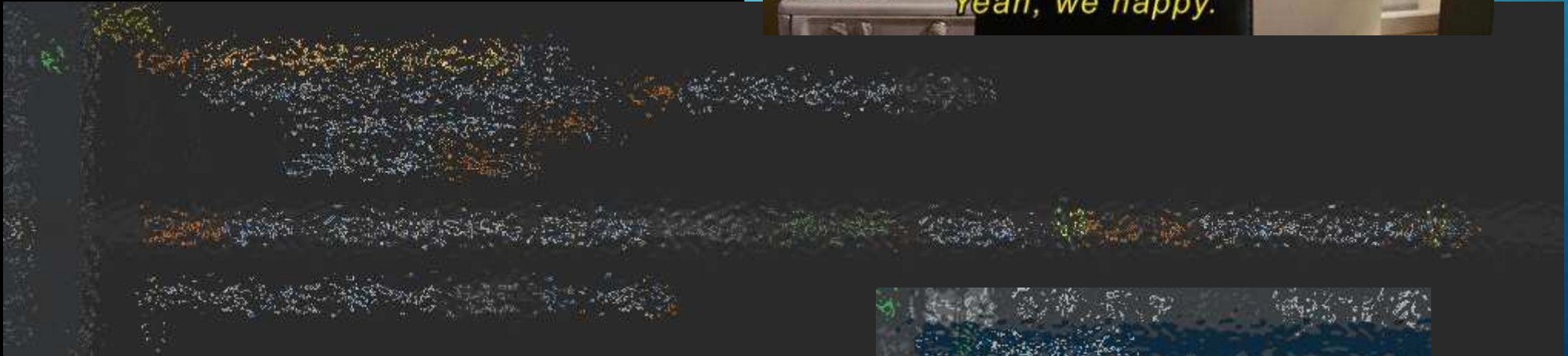




WELL... FORGOT SOMETHING...



I'M FINE NOW 😊

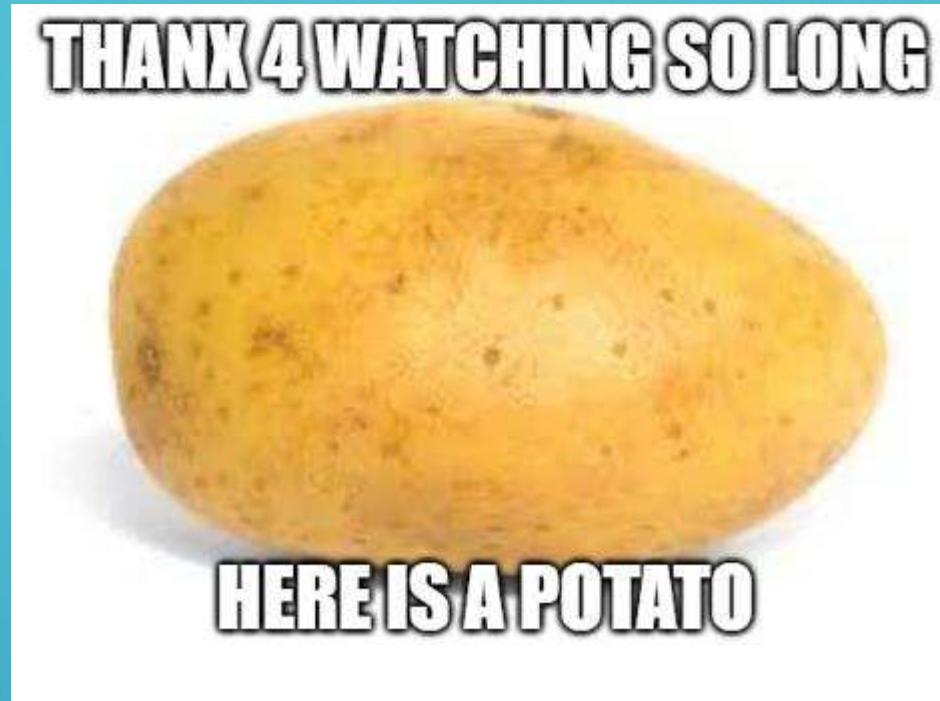




# CONCLUSION/LEARNINGS

- I had fun 😊
- I had some WTF's 😊
- I wrote combination approval tests 😊
  - Actually, were they property based tests? → it was easy and the tests are clear
- Missed goal: I've changed production class manually 😞
- FP: signatures in java need wide screen
- IntelliJ has some potential on refactoring and diff-ing 😊
- Had no more time to de-uglify the presentation





- Please be gracious about the missing mandatory parts, like
  - social media links, colors, animations, transitions, layout, credits, sources etc.

Credits/Sources:

- Course & Source: «code renovation» from [Alcor Academy](#)
- Memes: imgflip.com
- Screenshots from the movie «Pulp Fiction»