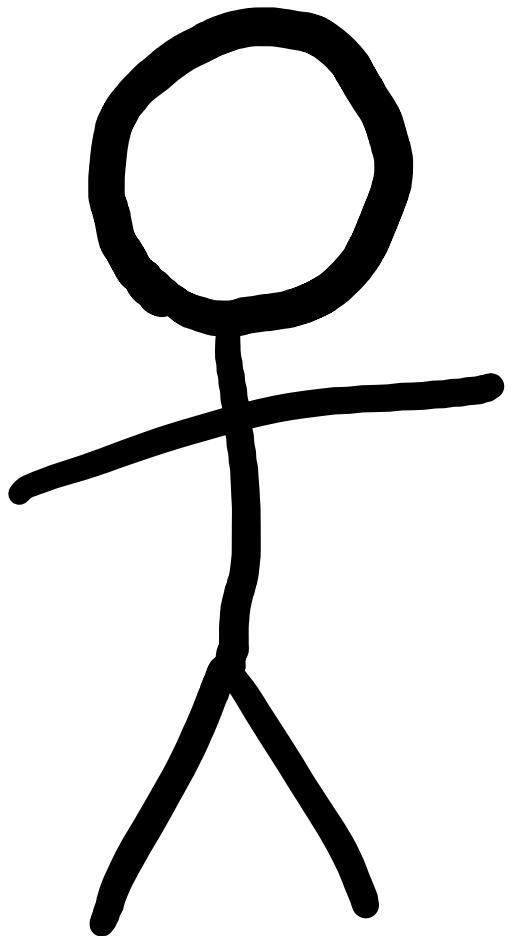


WELCOME TO

THE GIT STORIES WE TELL OURSELVES

By Marc Egea i Sala



WHAMI

- BARCELONA PEARL MONGERS
- Dev @ CAPSiDE

SEE YOU AROUND

this talk is an
EXPERIMENT



Time spent



Good CODE



MAINTAINABLE CODE

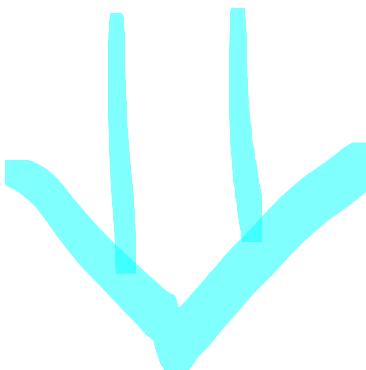
"CRAPPY CODE"

NON-MAINTAINABLE CODE

QUICK HACK

FEAR OF
BREAKING
STUFF

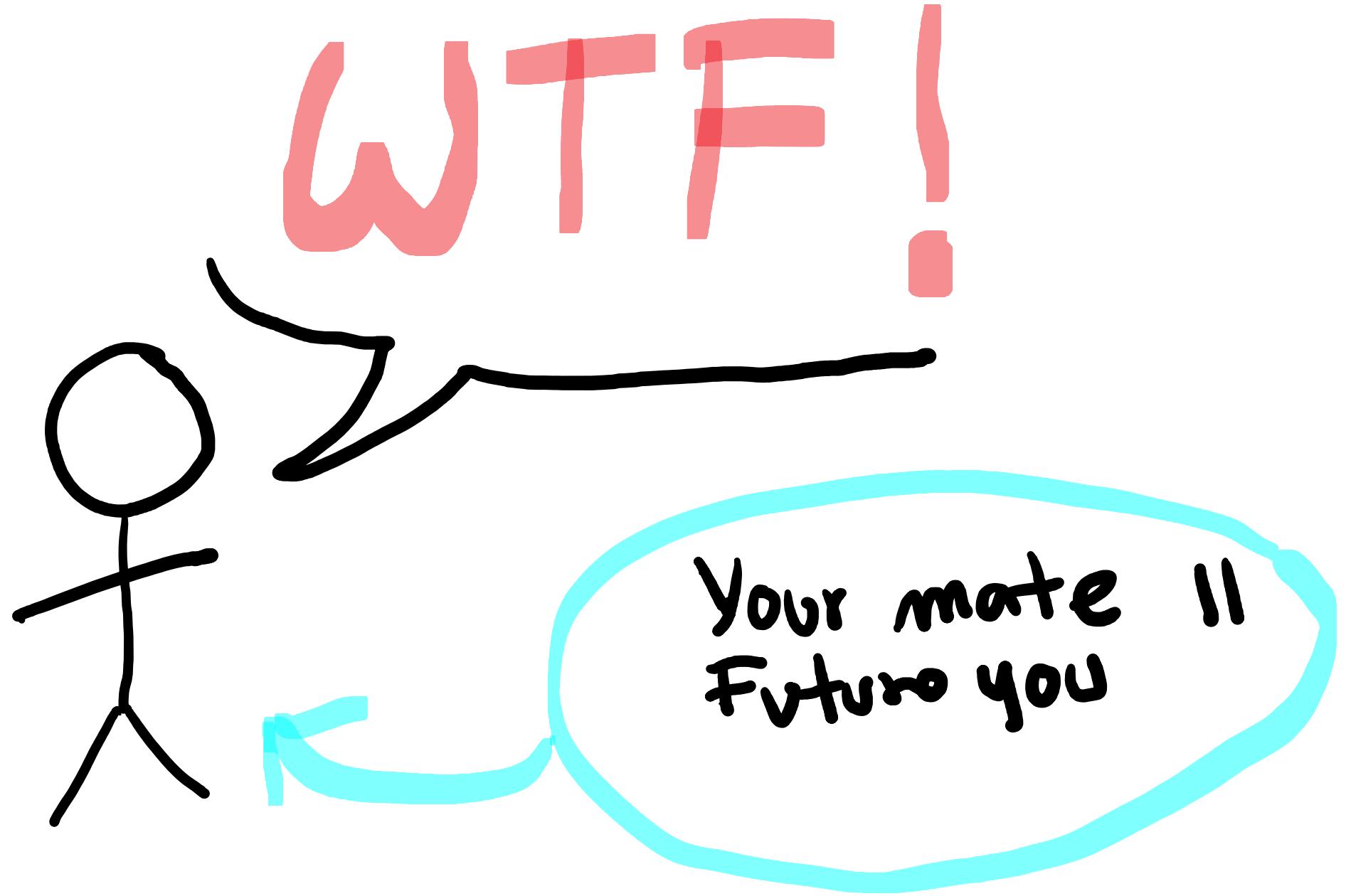
LACK OF
CONTEXT

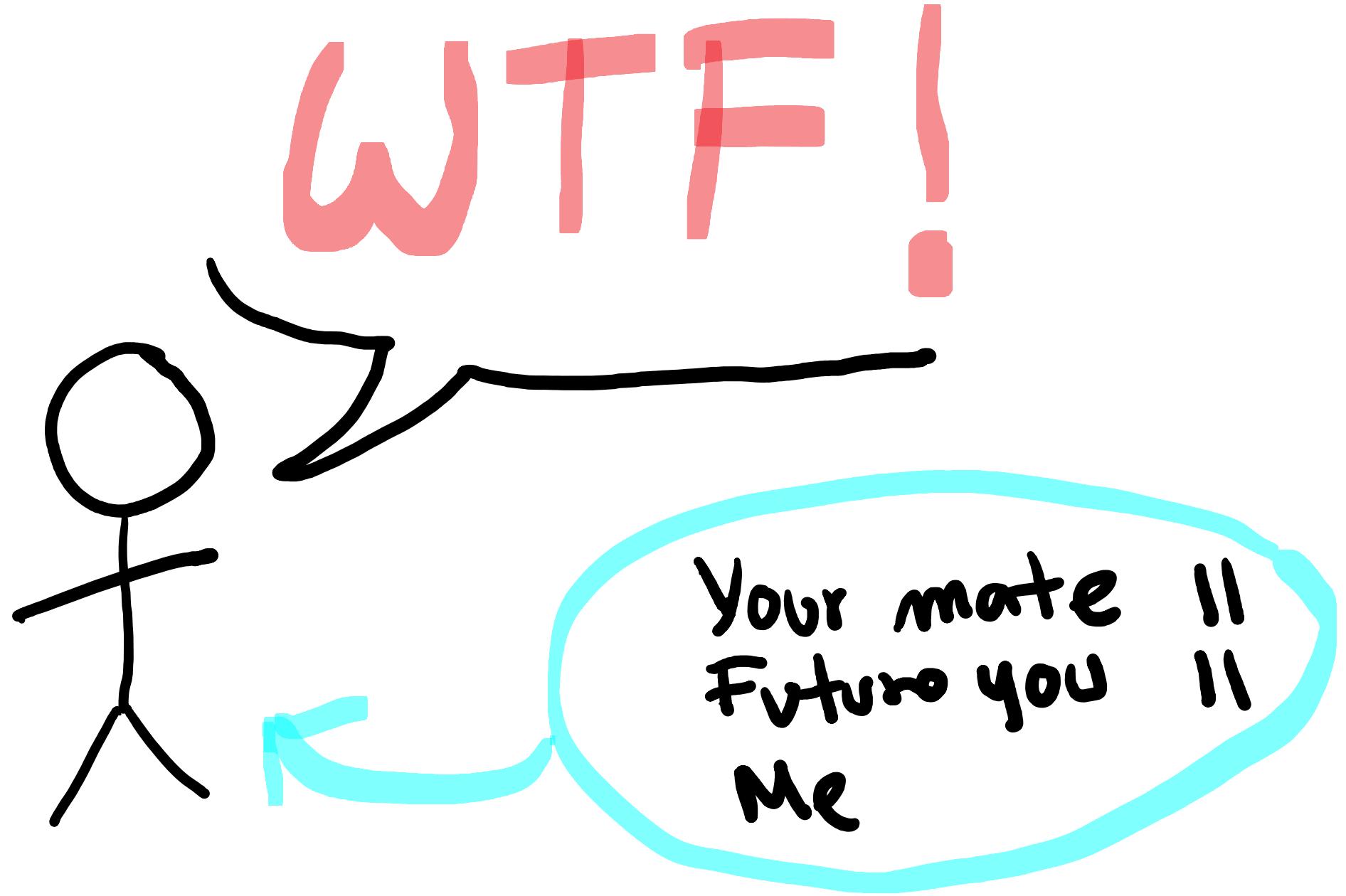


EVEN WORSE CODE

WTF!







**OPTIMIZE FOR
REVIEW**

OPTIMIZE FOR REVIEW

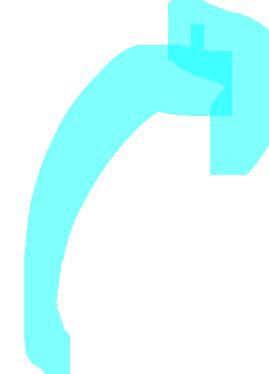
AFTER:
UNDERSTAND
“WHY” CONRAINTS,
TRADEOFFS...



FORMAL
PAIRING
FUTURE IS SELF



LESS DEFECTS
UNDERSTAND “WHY”
LEDDOS TO
MAINTAINABILITY

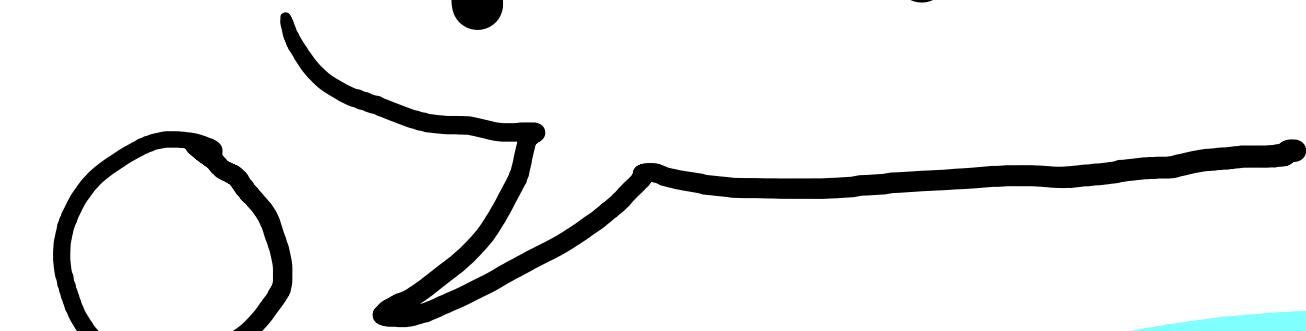


BEFORE:
LESS DEFECTS
UNDERSTAND “WHY”



THANKS !!!

...



Your mate !!
Future you !!
Me

YOU ALREADY KNOW IT

MAKE IT EASY

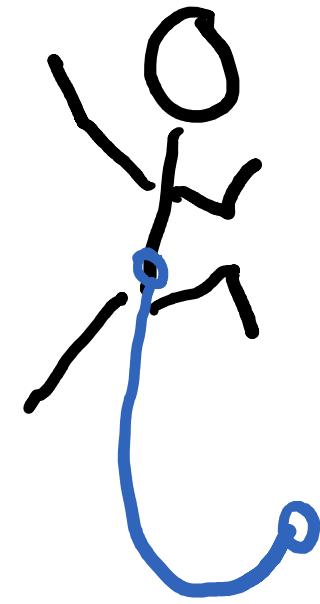
FOR THE NEXT ONE

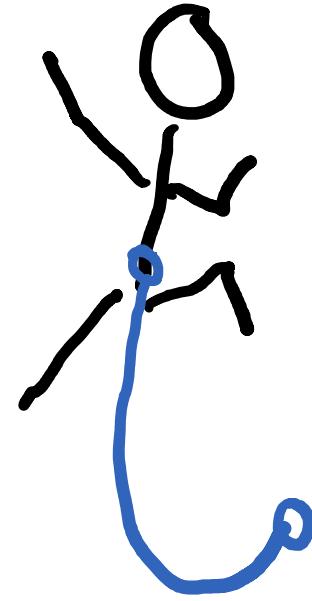




I'LL SEND
A VOICE
MESSAGE!

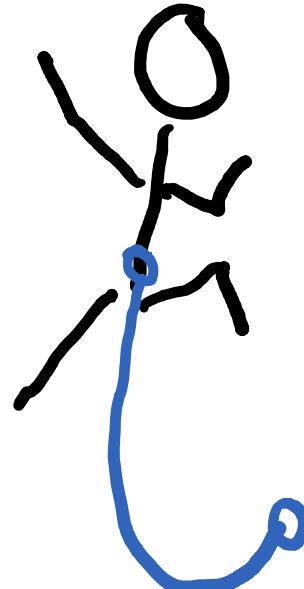






CHECK
POINT

You ARE
GOING TO
FALL

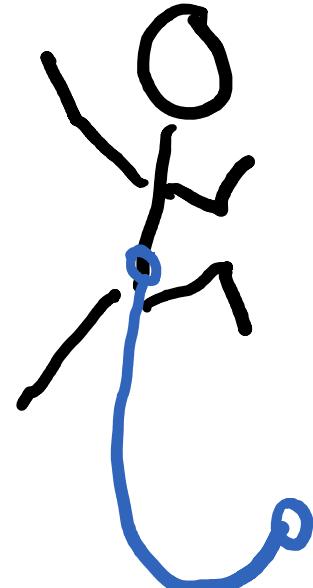


CHECK
POINT

You ARE
Going TO
FALL

DELETE ALL

MERGE
HELL



CHECK
POINT



**SHORT
BRANCHES**

The logo consists of a thick, light red oval outline. Inside the oval, the words "SHORT BRANCHES" are written in a bold, black, sans-serif font. The letters are slightly rounded and have a playful, hand-drawn feel.

INTEGRATE
OFTEN

LESS
CONFLICTS

REDUCE
WIP

EASIER
TO REVIEW
(Big changes
aren't reviewed)

SHORT
BRANCHES

co

c

c



ORPHAN BRANCHES

ARE
LIKE

#TODO COMMENTS

I DON'T LIKE
THEM

UNFINISHED
BUSINESS

IS THIS
STILL RELEVANT ?

ORPHAN
BRANCHES

ARE
LIKE

#TODO
COMMENTS

I DON'T LIKE
THEM

DRA'IV
MENTAL
SPACE

“DO. OR DO NOT.
THERE IS NO TRY.

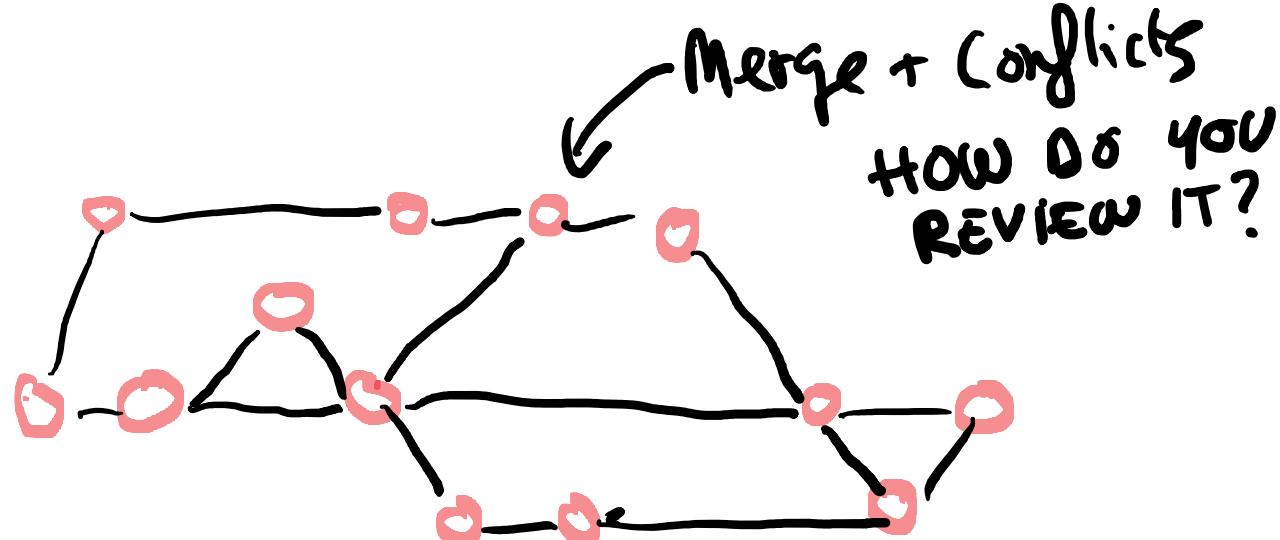
-Yoda



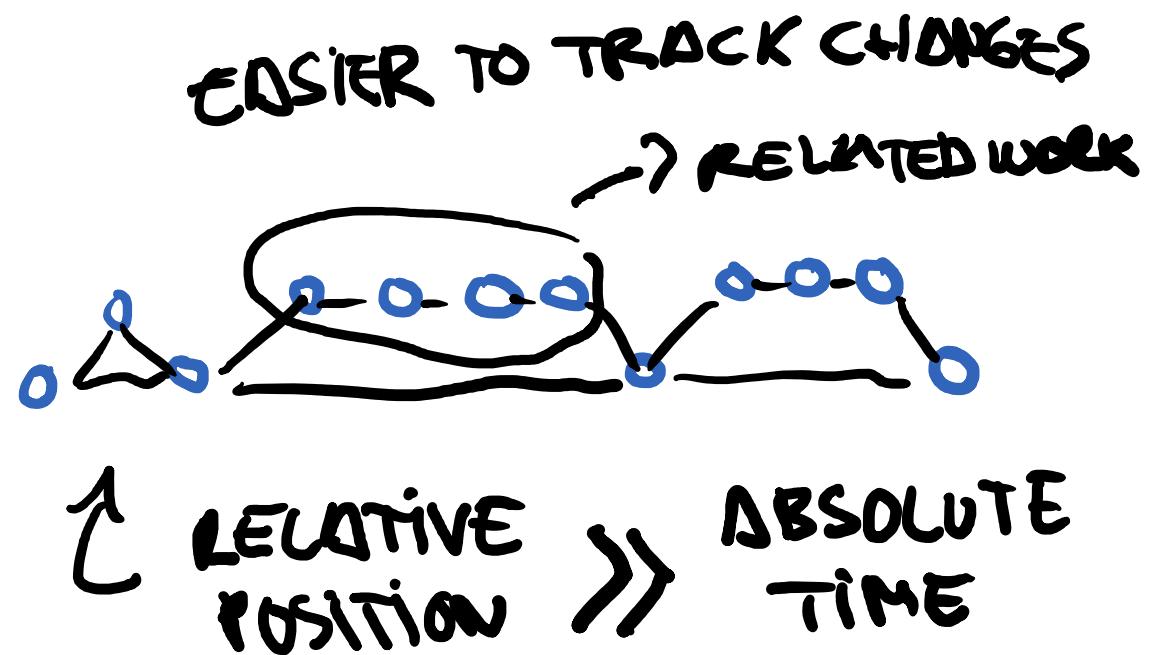
ALWYS REBASE



REBASE



↑
MERGE



THE
F***

WORD

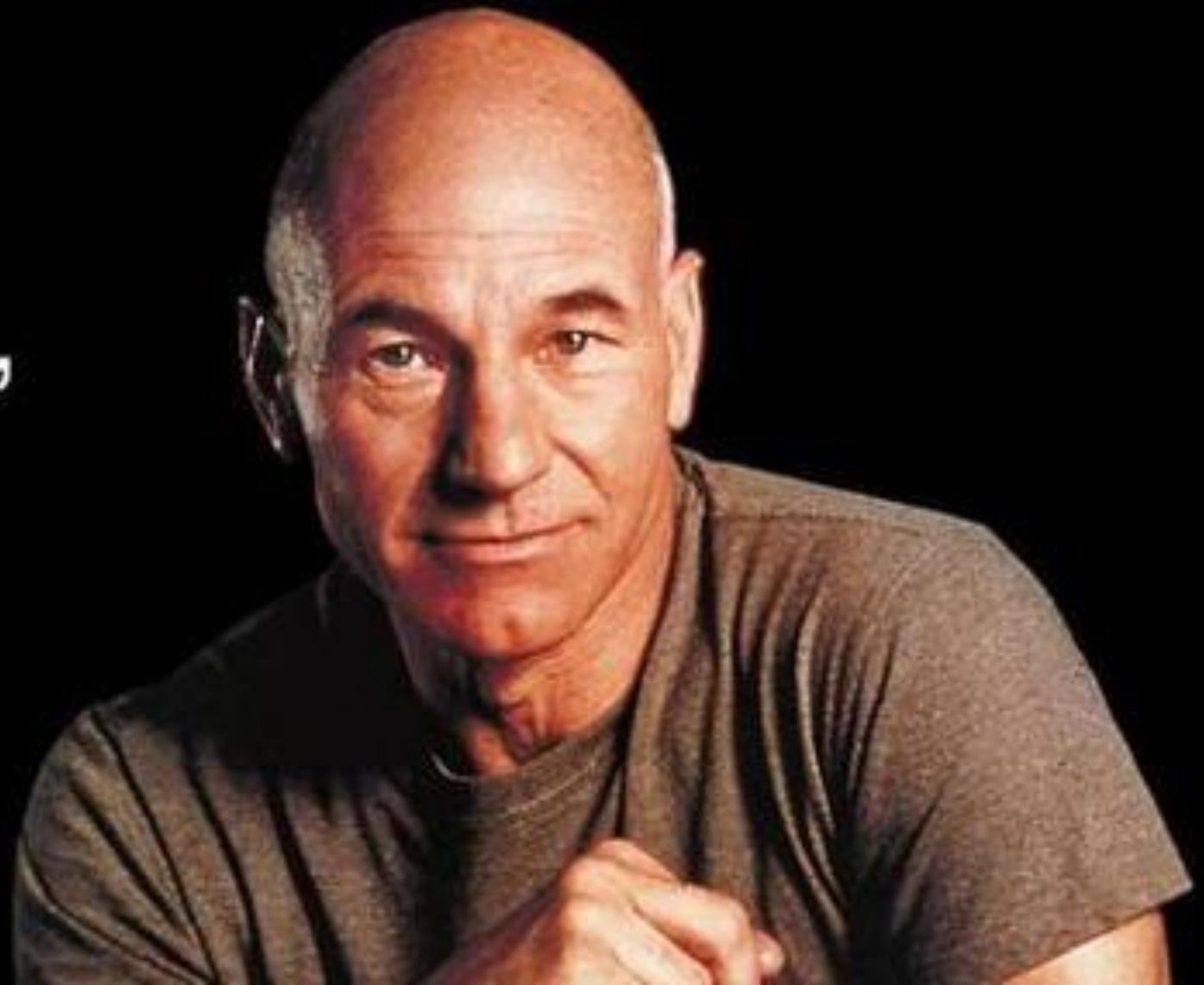
(DO IT WITH CAUTION BUT WITH JOY)

THE FORCE WORD

(DO IT WITH CAUTION BUT WITH JOY)

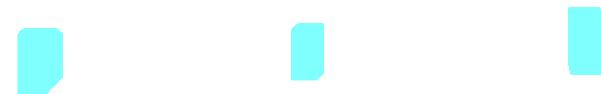
"Use the force,
Luke"

-Dumbledore



BRANCHES ARE
MADE OF COMMITS

BUT



BRANCHES ARE
MADE OF COMMITS

WHAT IS A COMMIT?

A
COMMIT

is THE

SMALLEST UNIT OF REVIEW

CHANGES ONLY UNDERSTANDABLE TOGETHER

S A L A 3 S
T U S E R

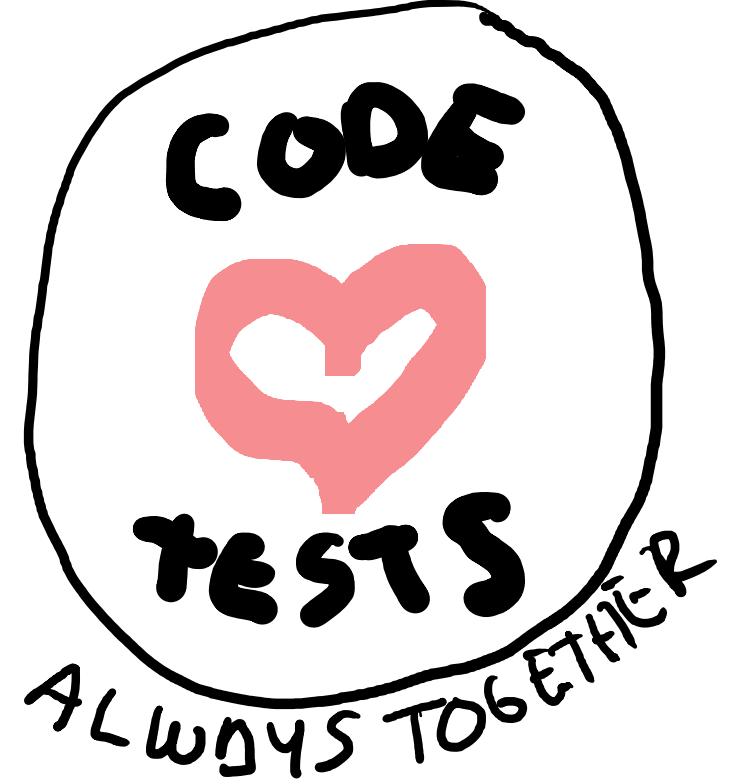
P O S S I B I L E

C O M M I T

C O M M I T

B U T N O T M O R E

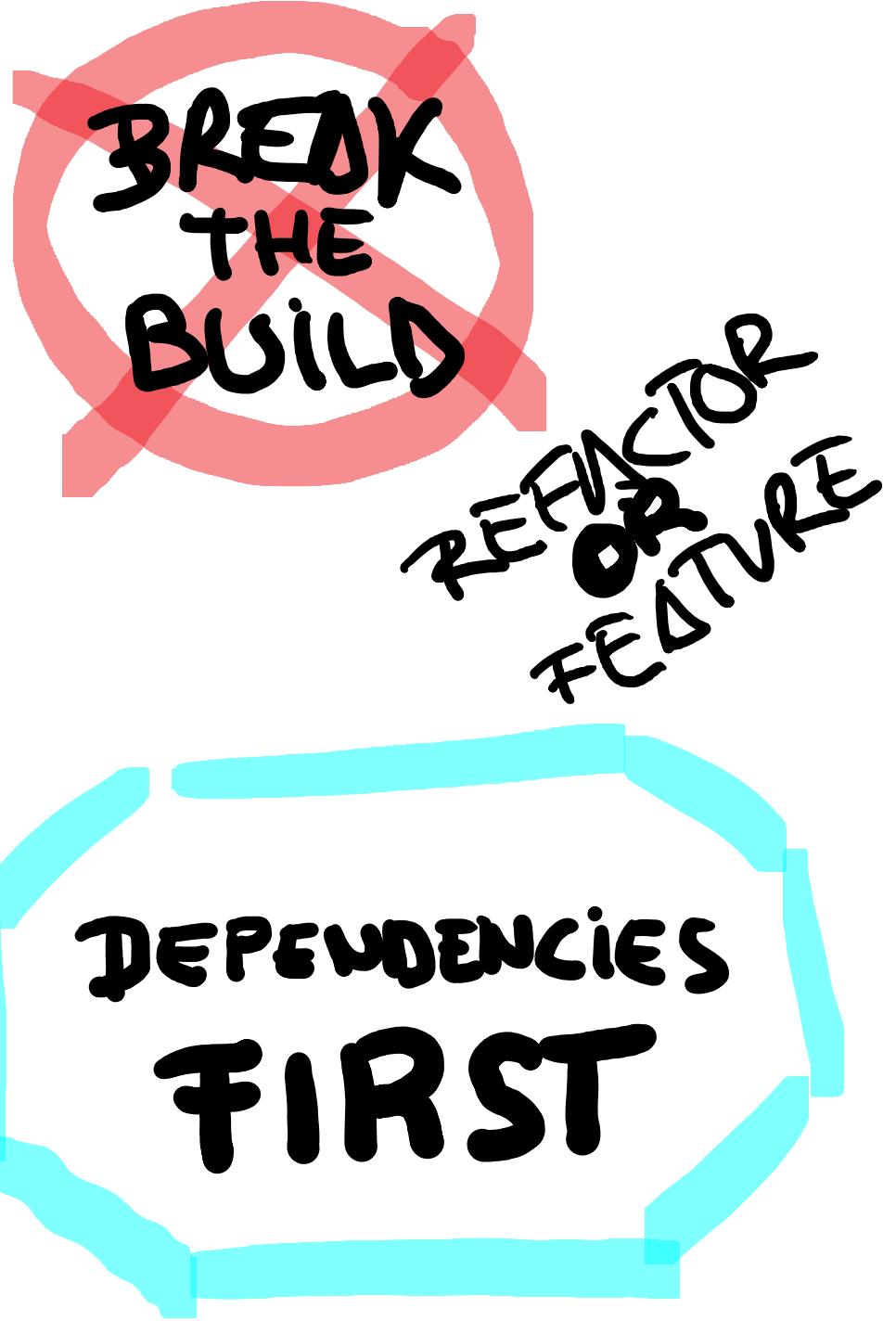
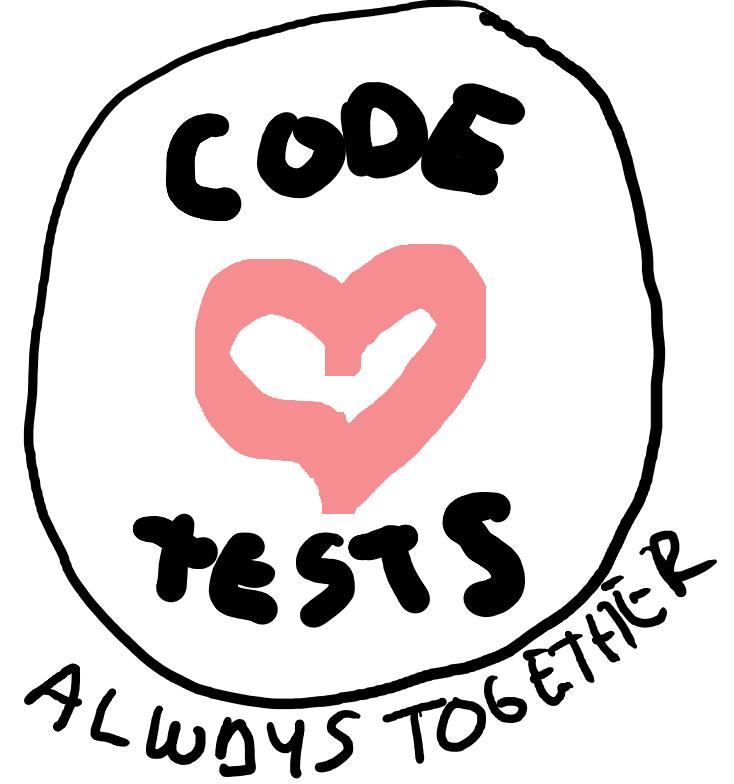
B U T N O T M O R E



REFACTOR
OR
FEATURE

COMMITTS
~
DEPLOYS





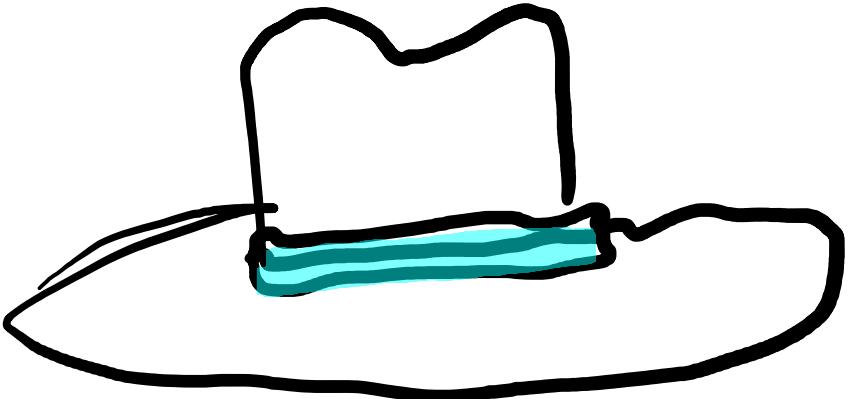
Not an Exact
SCIENCE

BUT

YOU'LL
GET
BETTER



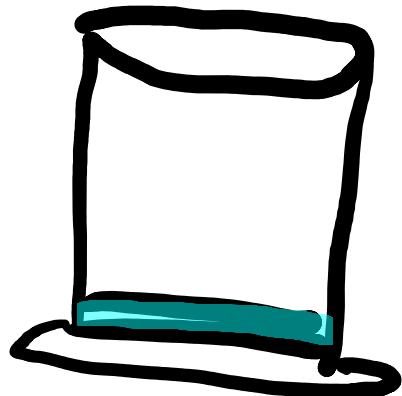
TOO
HARD?



~~WRITER~~
CODER
HAT

VS.

EDITOR
HAT



**NOBODY WANTS
TO KNOW HOW
THE SAUSAGE GETS MADE**

fix typo

optimize
routine

oops!

new
colors!

ADD
REMOVE
AND AGAIN

NOBODY WANTS
TO KNOW HOW
THE SAUSAGE GETS MADE

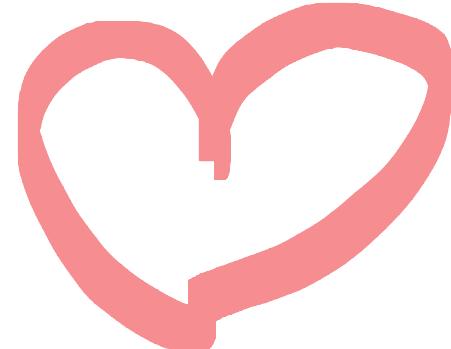
FILE
MOVED

VDR
RENAMEDE

MISSSED
THIS



git rebase -i



COMMIT MESSAGES
ARE EXAMS
FOR YOU

DO YOU REALLY UNDERSTAND THE CHANGE?
GO EXPLAIN IT

IF APPLIED, THIS COMMIT WILL...

Enforce well-written commits

- Explain the change. (WHAT)
- Context. (WHY)
- Only explain HOW if it's really relevant.
- Alternative solutions considered
- Potential issues
- References to issue tracker

SUBJECT (50 to 72 chars)

(Blank line)

BODY (optional)

GOOD
COMMIT
MESSAGES

BONUS CONTENT



BONUS CONTENT



BISECT

WHICH COMMIT
INTRODUCED A
BUG?

```
> git bisect start bad good  
> git bisect run my-test
```

BINARY SEARCH!

SUMMARY

SUMMARY

EMPATHY



BETTER CODE

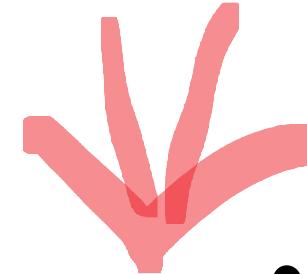
SUMMARY

EMPATHY

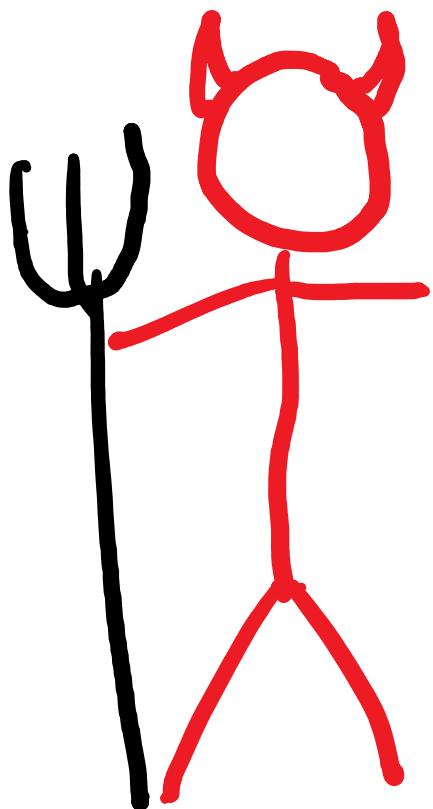


BETTER CODE

SMALL STEPS



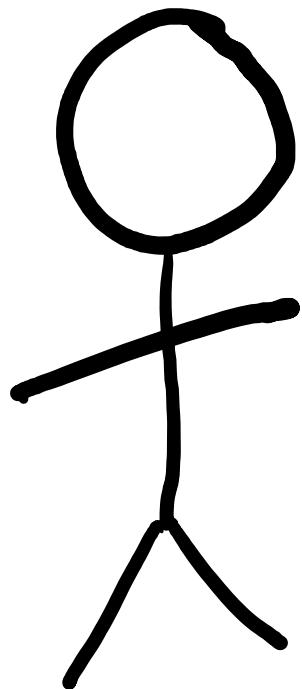
VELOCITY



VOICE MESSAGES
ARE
EVIL

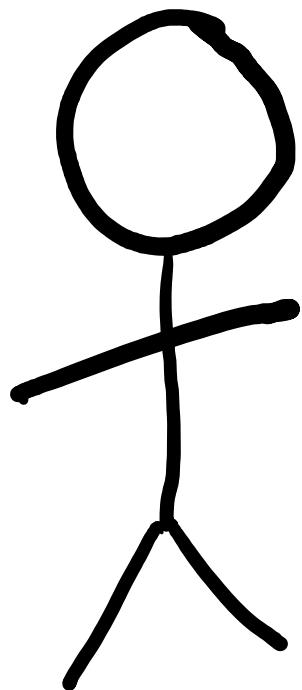
UNLESS YOU'RE BLIND, OF COURSE

THANKS!!!

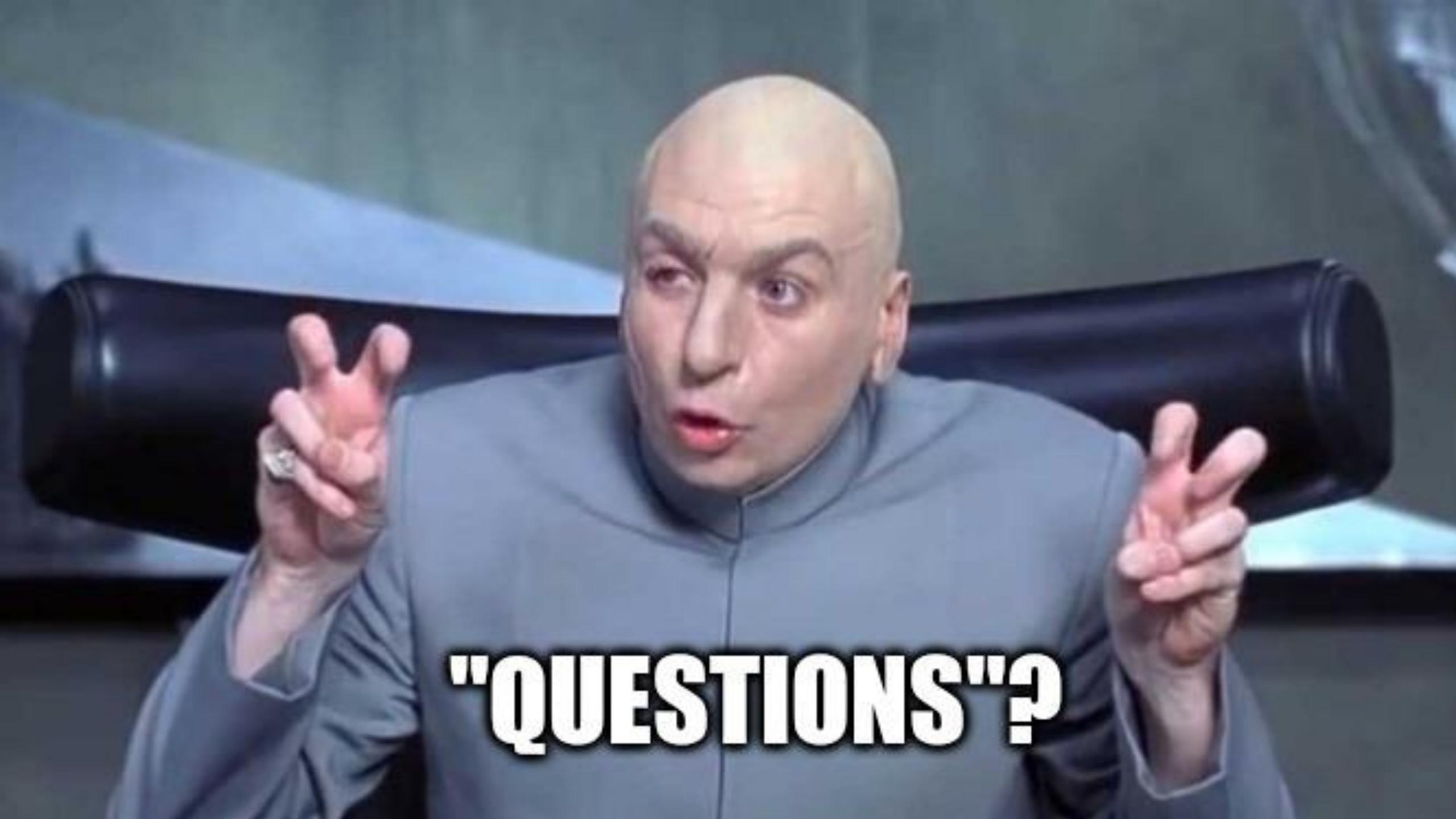


Only me
this time

THANKS!!!



@m_e_i_s

A bald man with a serious expression is sitting on a dark couch. He is wearing a light grey zip-up jumpsuit. His hands are raised, fingers spread, as if he is emphasizing a point or gesturing during a conversation. The background is a plain, light-colored wall.

"QUESTIONS"?