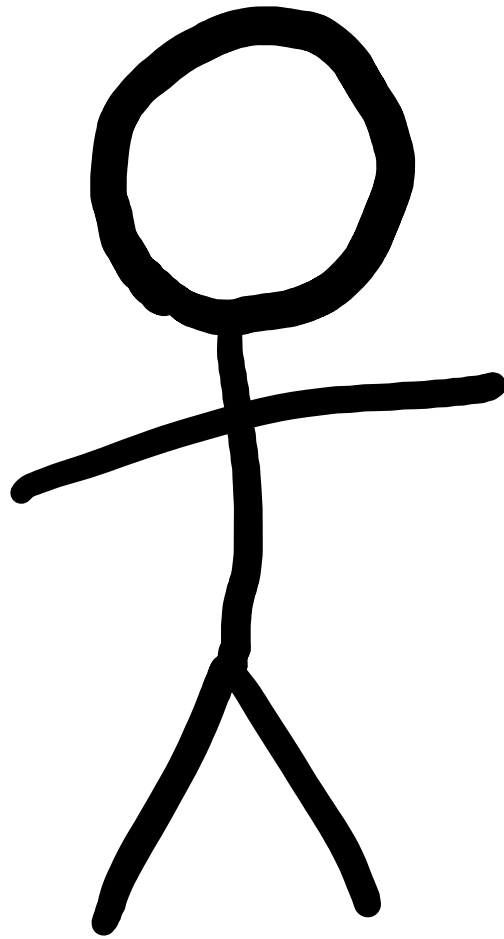


WELCOME TO
THE **GIT** STORIES

WE TELL
OURSELVES

By Marc Egea i Sala



WHOAMI

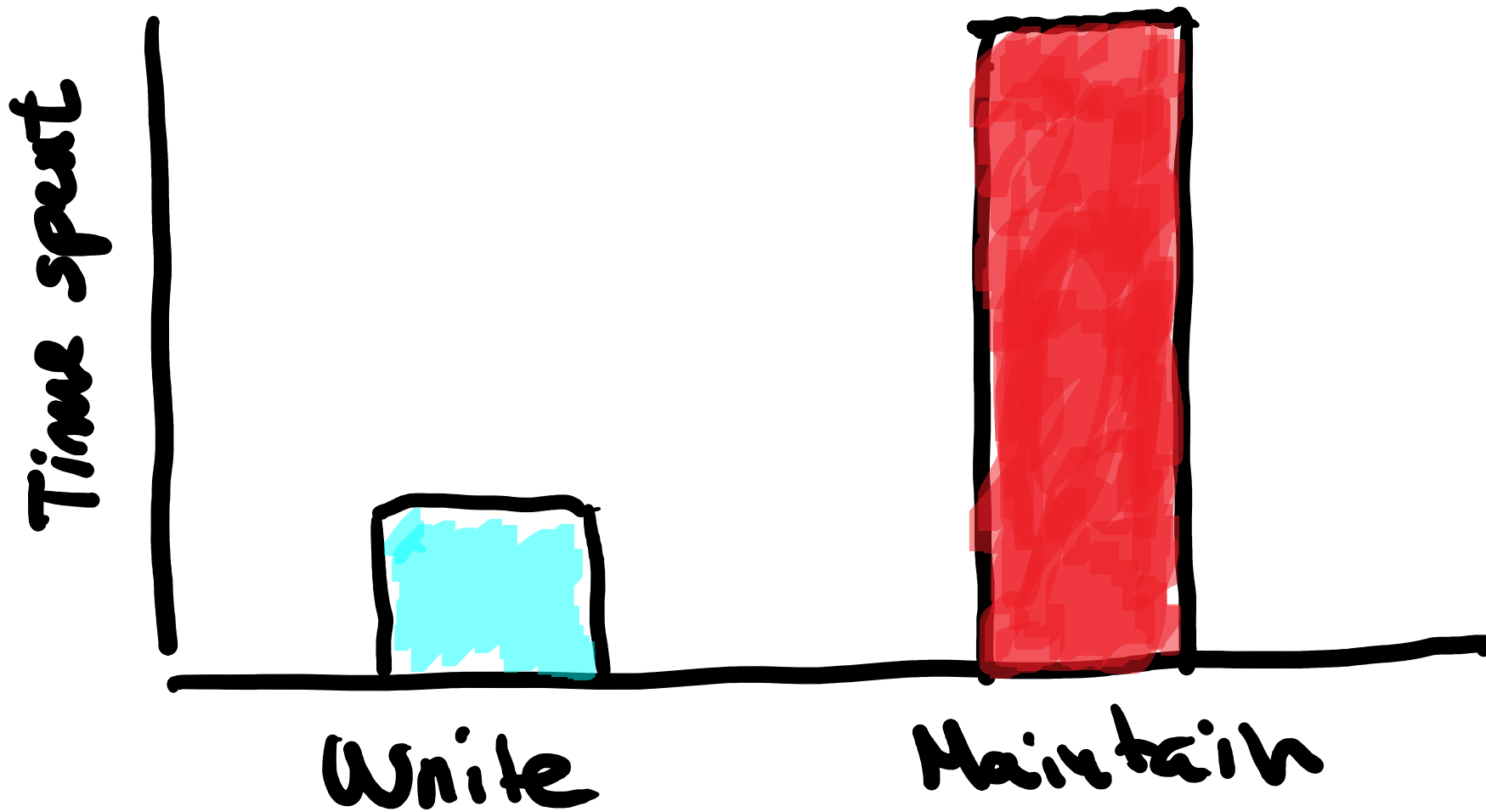
- BARCELONA PEARL MONGERS
- DEV @ CAPSIDE

SEE YOU AROUND

this talk is an

EXPERIMENT





GOOD CODE

=

MAINTAINABLE CODE

"CRAPPY CODE"

NON-MAINTAINABLE CODE

QUICK HACK

FEAR OF
BREAKING
STUFF



LACK OF
CONTEXT

EVEN WORSE CODE

WTF!



Your mate

WTF!



Your mate ||
Future you

WTF!



Your mate ||
Future you ||
Me

**OPTIMIZE FOR
REVIEW**

FORMAL
PAIRING
FUTURE & SELF

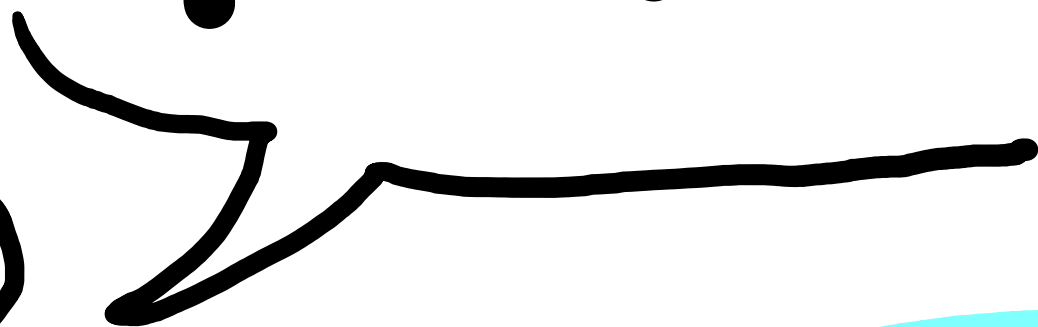
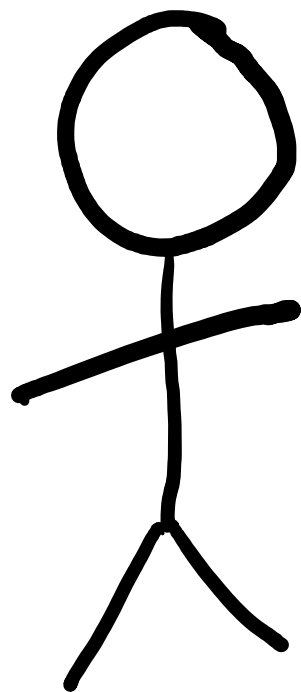
BEFORE:
LESS DEFECTS
UNDERSTAND "WHY".

OPTIMIZE FOR REVIEW

AFTER:
UNDERSTAND
"WHY", CONSTRAINTS,
TRADEOFFS...

LEADS TO
MAINTAINABILITY

THANKS !!!



Your mate ||
Future you ||
Me

YOU ALREADY KNOW IT

MAKE IT EASY

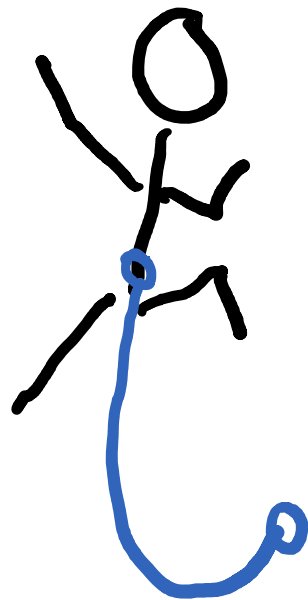
FOR THE NEXT ONE

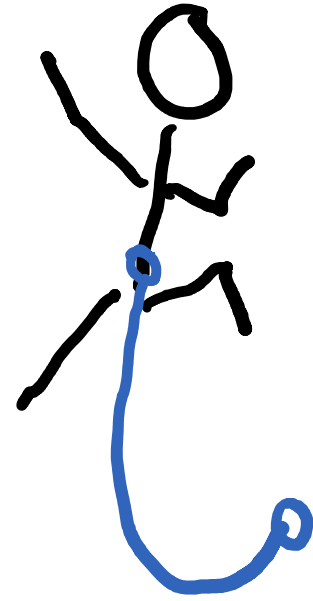


I'LL SEND
A VOICE
MESSAGE!



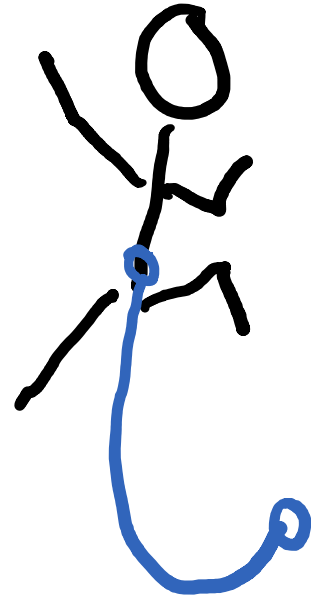






CHECK
POINT

YOU ARE
GOING TO
FALL

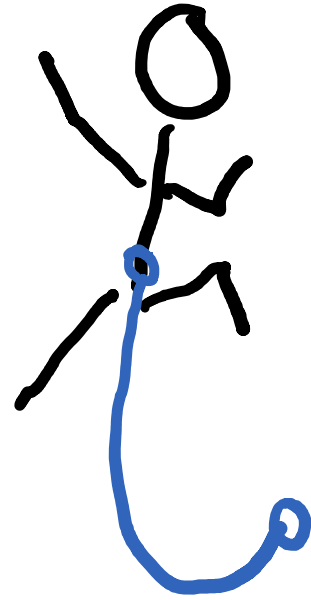


CHECK
POINT

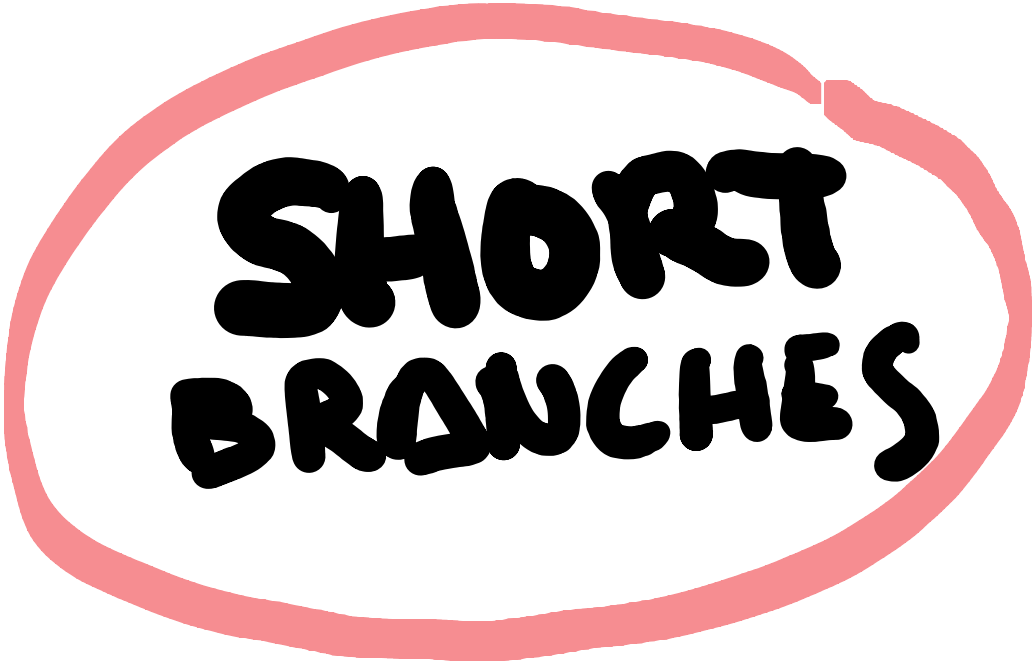
YOU ARE
GOING TO
FALL

↓
DELETE ALL

↓
MERGE
HELL



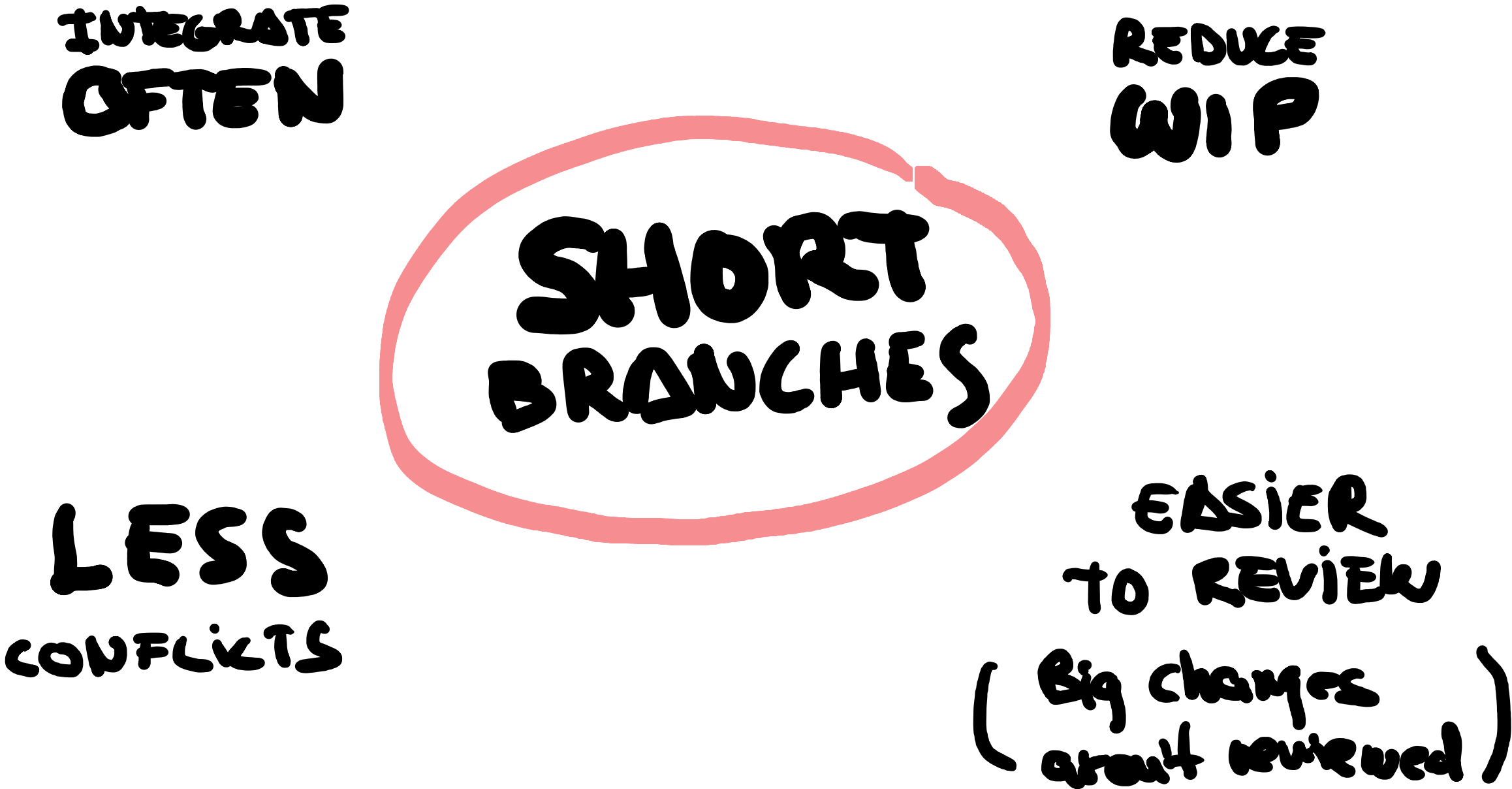
CHECK
POINT



**SHORT
BRANCHES**

**INTEGRATE
OFTEN**

**REDUCE
WIP**



**SHORT
BRANCHES**

**LESS
CONFLICTS**

**EASIER
TO REVIEW**
(Big changes
aren't reviewed)



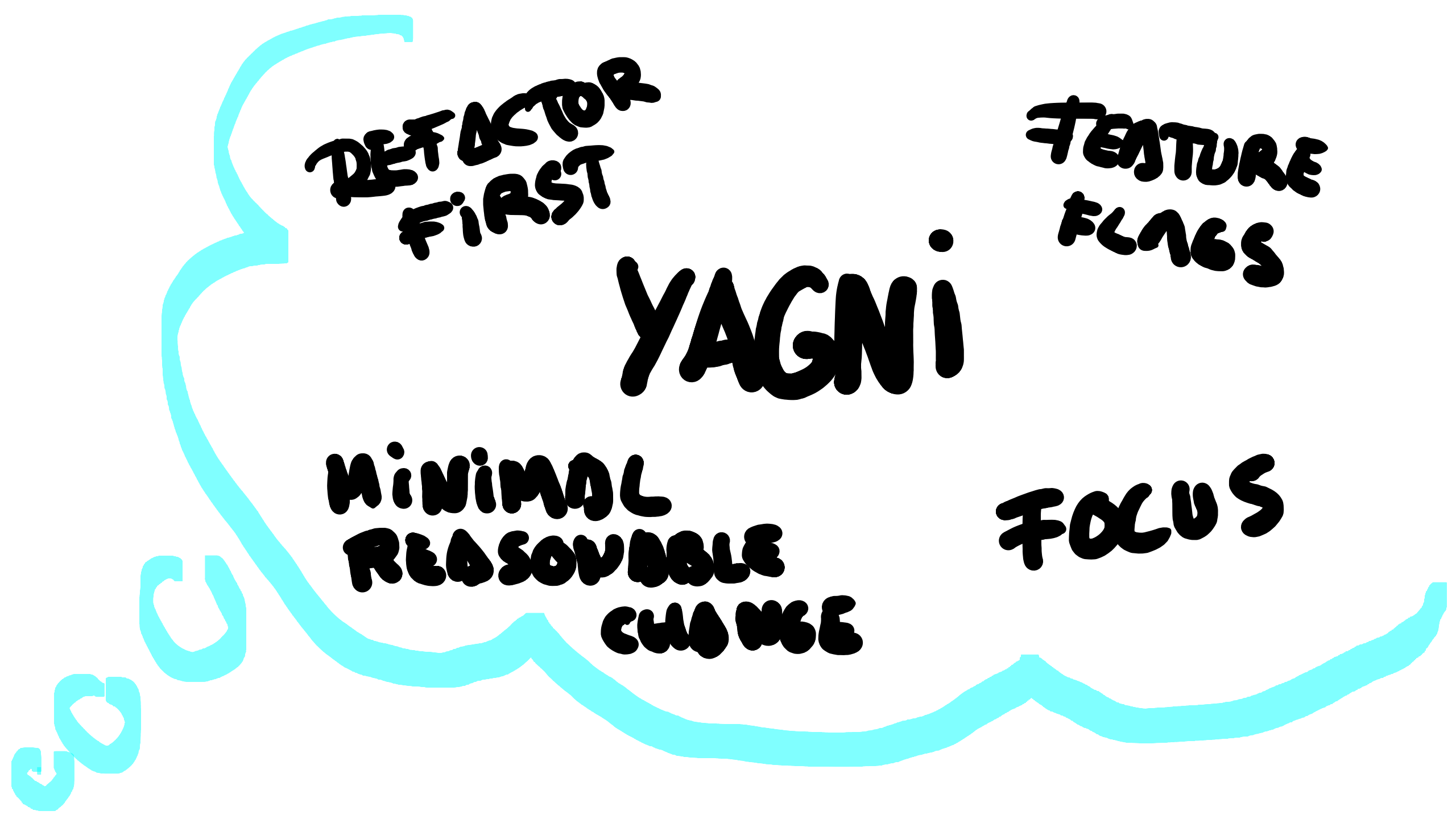
DEFACTOR
FIRST

FEATURE
FLAGS

YAGNI

MINIMAL
REASONABLE
CHANGE

FOCUS



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

DRAIN
MENTAL
SPACE

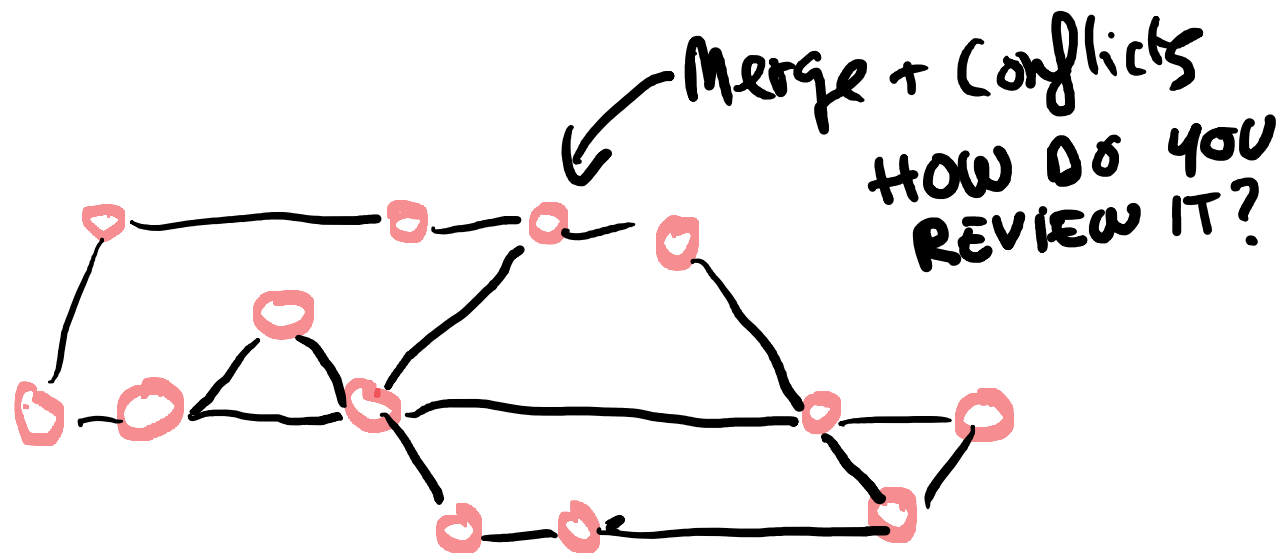
“
DO. OR DO NOT.
THERE IS NO TRY.

–Yoda



ALWAYS REBASE



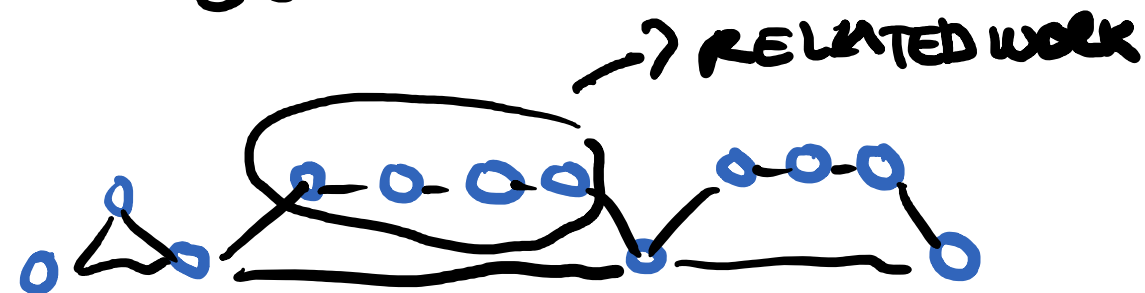


↑
MERGE

REBASE



EASIER TO TRACK CHANGES



↑
RELATIVE
POSITION >> ABSOLUTE
TIME

THE

F*****

WORD

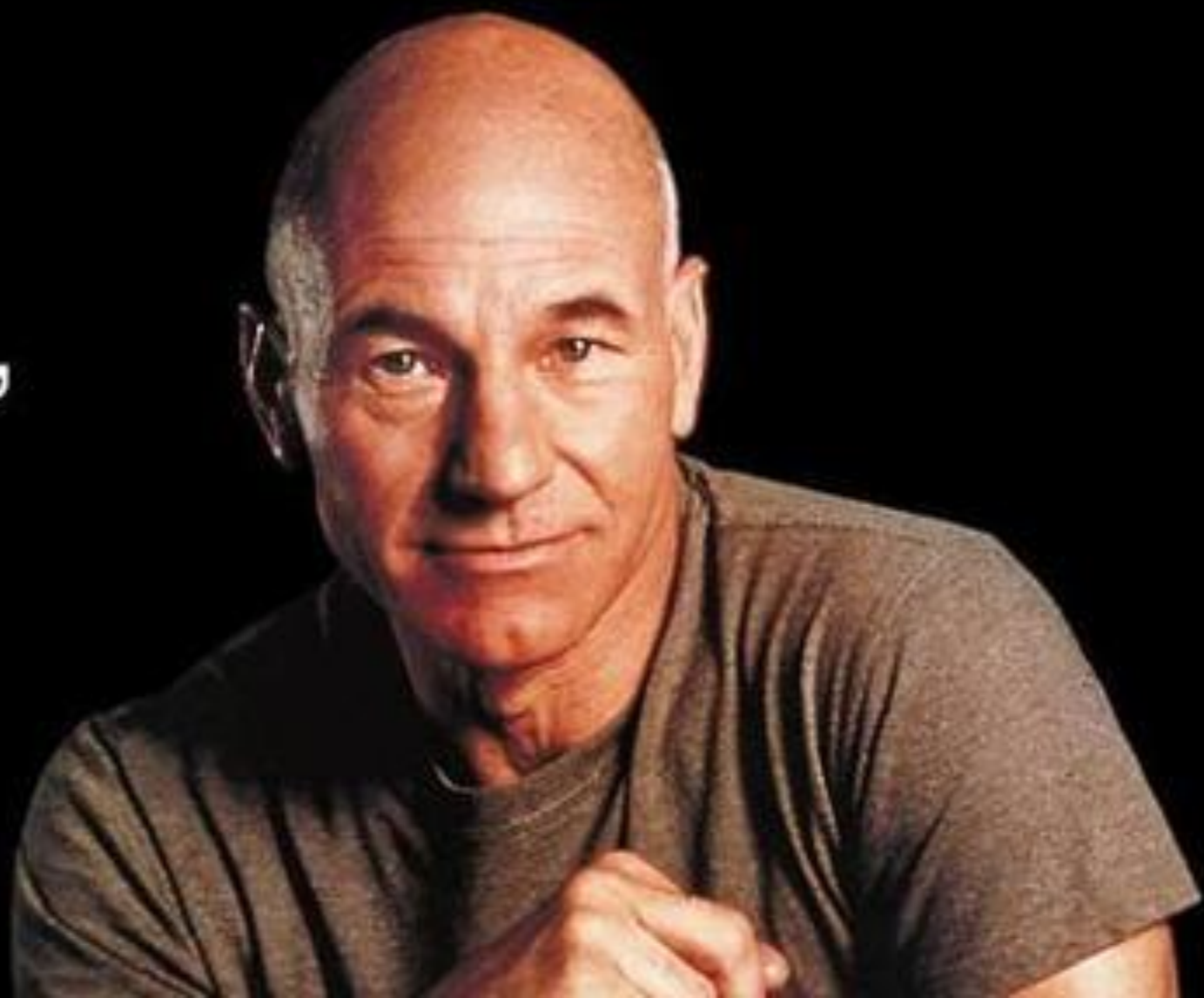
(DO IT WITH CAUTION BUT WITH JOY)

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

BUT

WHAT IS A COMMIT?

A
COMMIT

IS THE

SMALLEST UNIT OF REVIEW

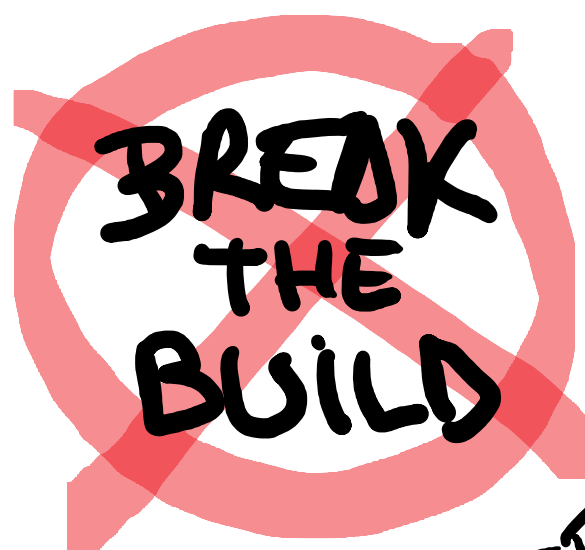
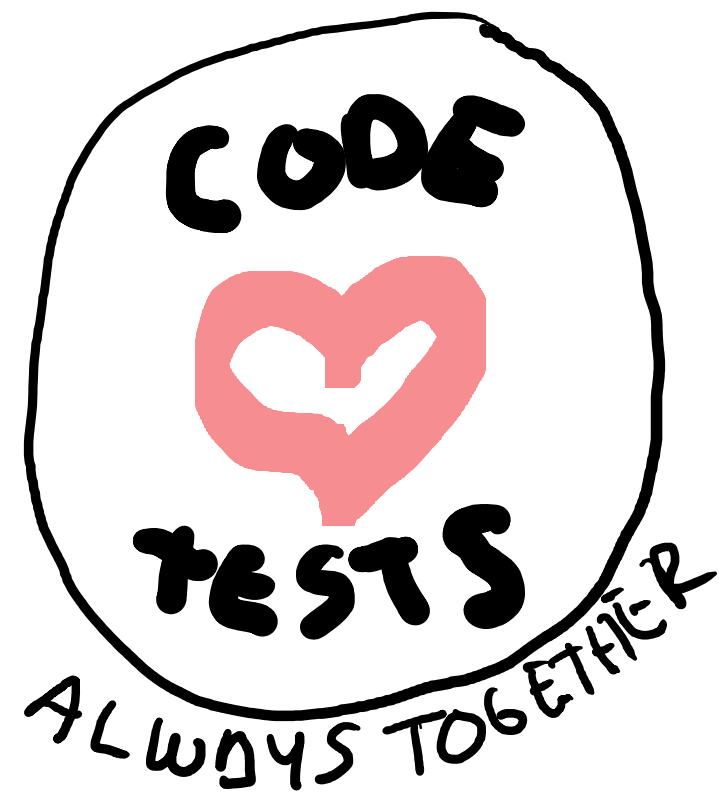
CHANGES ONLY UNDERSTANDABLE TOGETHER

JUST A 3S

AND SUSO P

COM
MIT

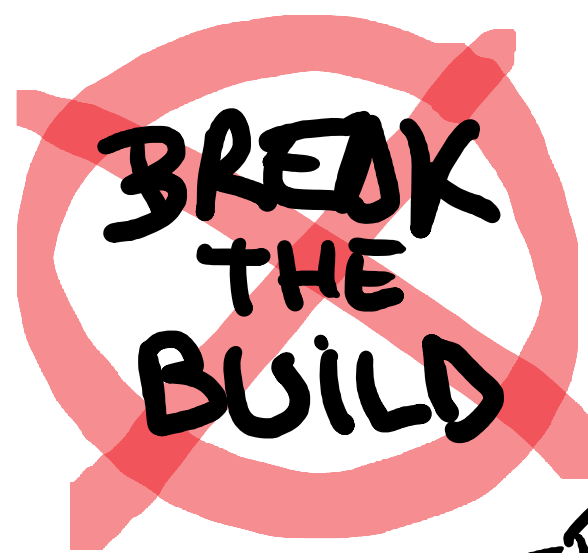
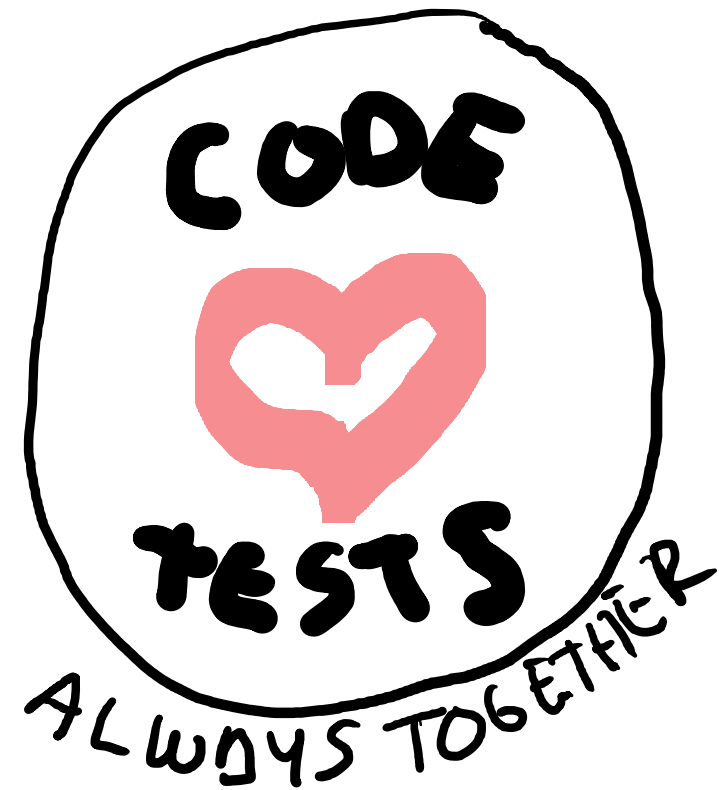
BUT
NOT
MORE



REFACTOR
OR
FEATURE

COMMITTS
~
DEPLOYS





REFACTOR
OR
FEATURE



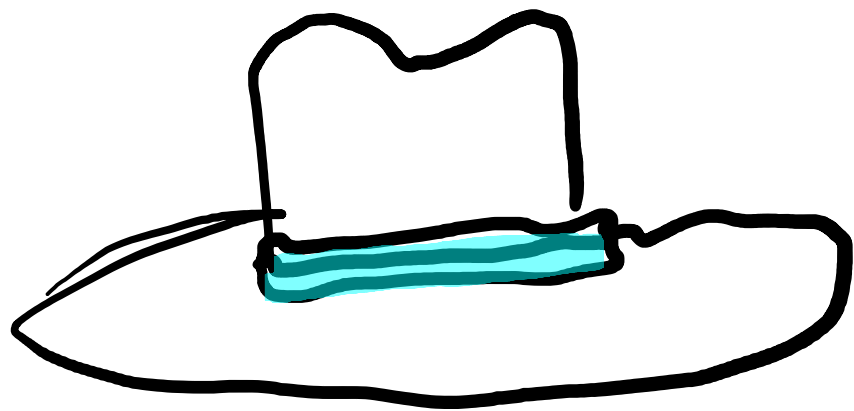
COMMITTS
~
DEPLOYS

Not an Exact
SCIENCE

BUT
YOU'LL
GET
BETTER



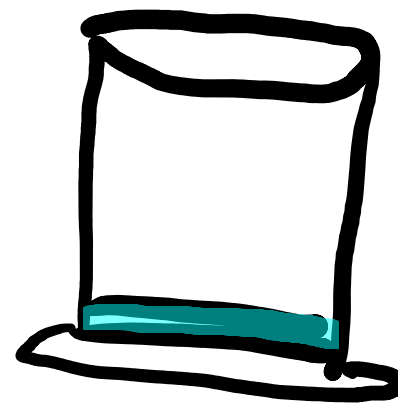
**TOO
HARD?**



~~WRITER~~
CODER
HAT

VS.

EDITOR
HAT



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

FIX TYPO

OPTIMIZE
ROUTINE

OOOPS!

NEW
COLORS!

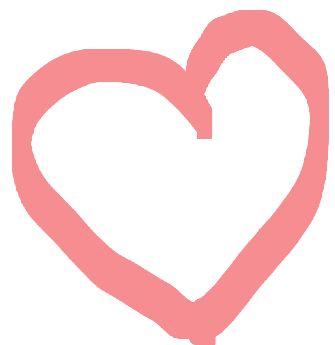
ADD
REMOVE
AND AGAIN

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

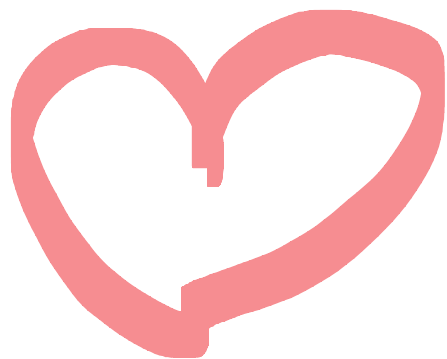
FILE
MOVED

VAR
RENAMED

MISSED
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 1
BUG?

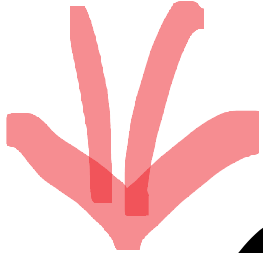
```
> git bisect start bad good  
> git bisect run my-test
```

BINARY SEARCH!

SUMMARY

SUMMARY

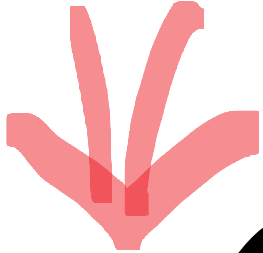
EMPATHY



BETTER CODE

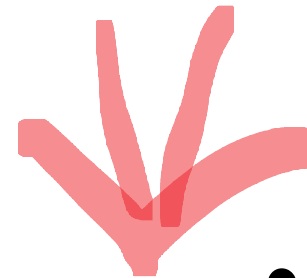
SUMMARY

EMPATHY

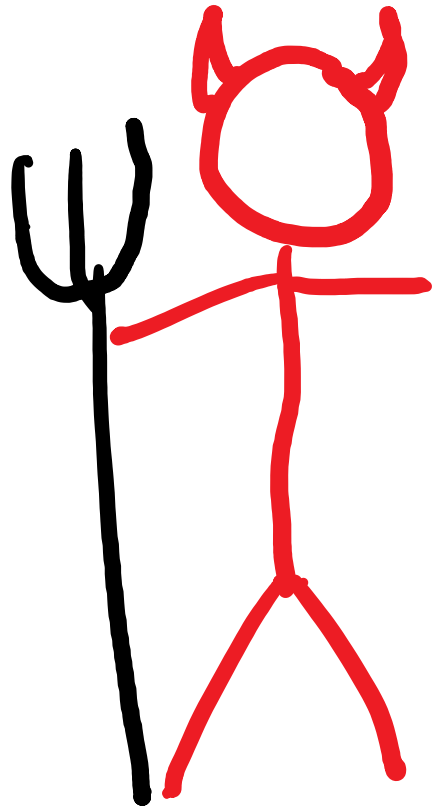


BETTER CODE

SMALL STEPS



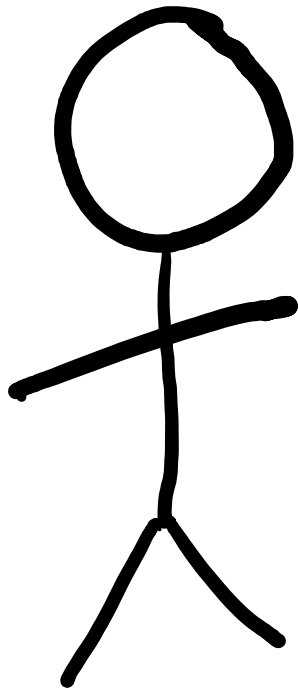
VELOCITY



VOICE MESSAGES
ARE
EVIL

UNLESS YOU'RE BLIND, OF COURSE

THANKS !!!

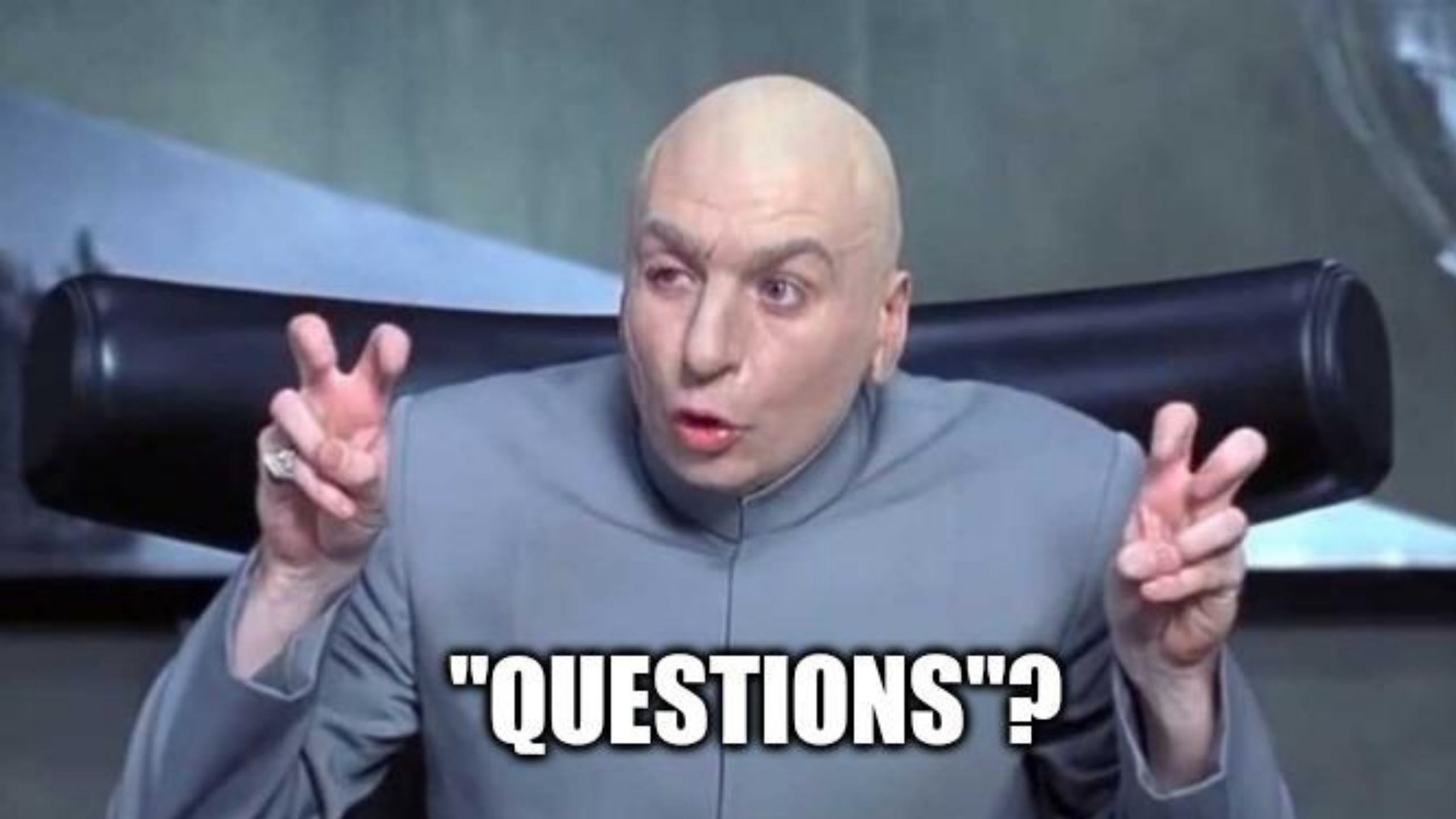


Only me
this time



THANKS !!!

@m_e-i-s



"QUESTIONS"?