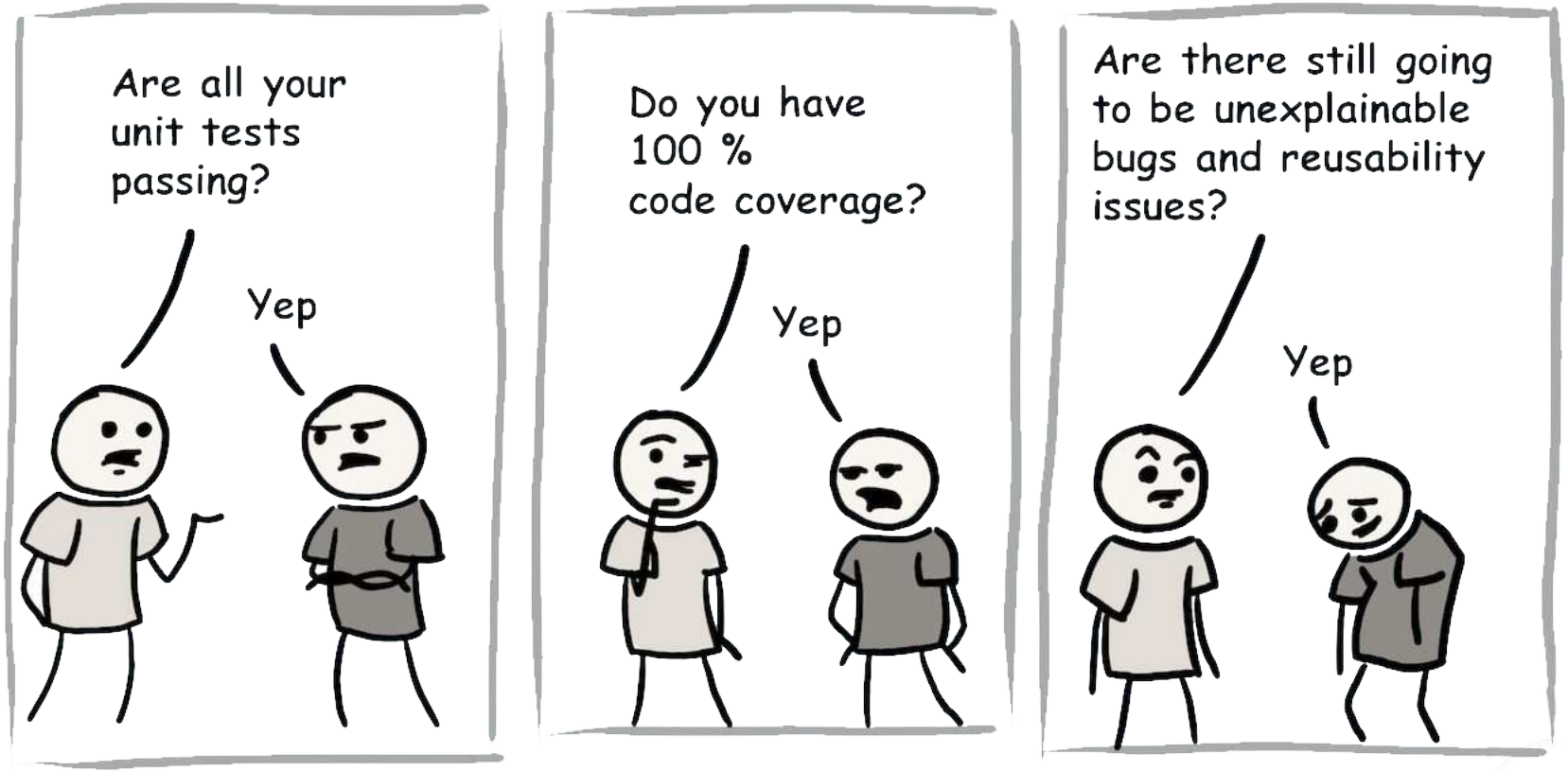
WORTH

AM I TESTING ENOUGH?

Not original thoughts on test coverage analysis and how many tests is too many


Are all your unit tests passing?
Yep
Do you have 100 % code coverage?
Yep
Are there still going to be unexplainable bugs and reusability issues?
Yep

WORTH

TEST COVERAGE IS A USEFUL TOOL FOR FINDING UNTESTED PARTS OF A CODEBASE. TEST COVERAGE IS OF LITTLE USE AS A NUMERIC STATEMENT OF HOW GOOD YOUR TESTS ARE.

MARTIN FOWLER

ARE WE TESTING ENOUGH?

- The bugs that find their way to a production are very rare
- Developers confident to change a code without worrying that it would cause a production bug

ARE WE TESTING TOO MUCH?

THERE ARE PROBABLY TO MANY TESTS IF

- Some tests can be removed and still there still would be enough
- Tests are significantly slowing development down
- Tests covering things that can not break (presumably)

CONSIDER THINKING ABOUT WHAT CAN BREAK

SHOULD WE CONSIDER REMOVING SOME TESTS IF THEY TAKE TOO LONG TO RUN?

STABLE PRODUCT TEAM

VS

CONSULTING TEAM

IF A PART OF YOUR TEST SUITE IS WEAK IN A WAY THAT COVERAGE CAN DETECT, IT'S LIKELY ALSO WEAK IN A WAY COVERAGE CAN'T DETECT.

BRIAN MARICK

THANK YOU!

SOURCES AND FURTHER READING:

https://martinfowler.com/bliki/TestCoverage.html

http://www.exampler.com/testing-com/writings/coverage.pdf

https://martinfowler.com/articles/is-tdd-dead/