



Traps In TDD And Mob Programming

A story of a mob called bouvet-cohort-05

THE 7 BAMBIS ON 7 DIFFERENT LAKES

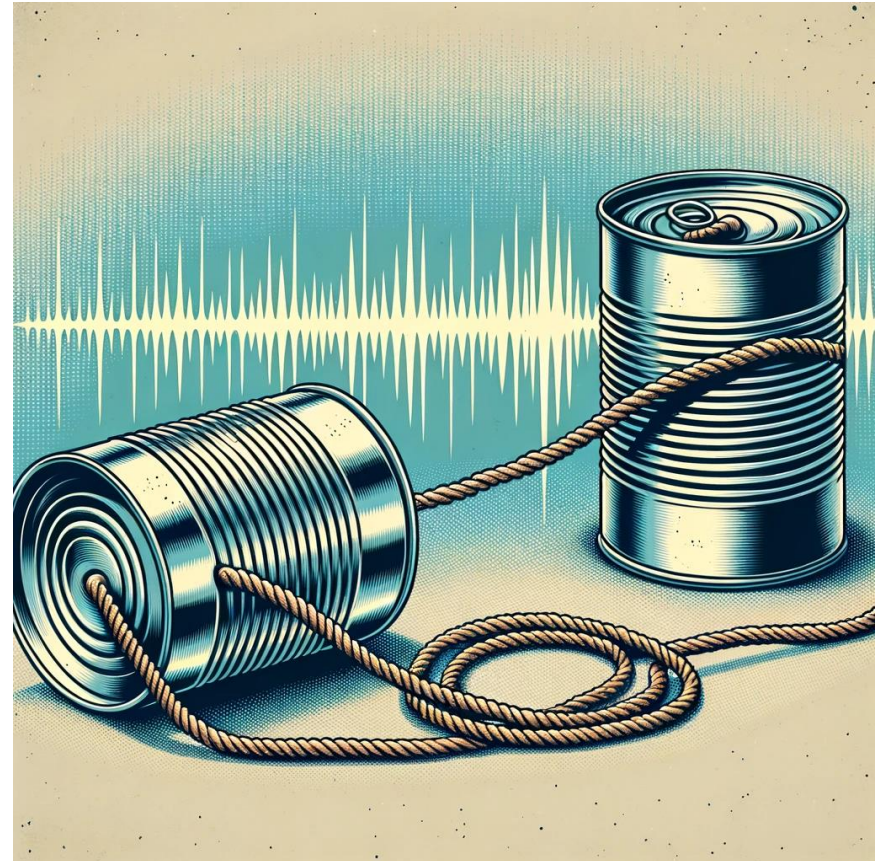
Individual Ideas & Perspectives

Pressure of Being Watched



CLEAR COMMUNICATION

- What Are You Thinking?
- Conveying Ideas Clearly
- Adapting To The Driver





THE POWER OF MOB PROGRAMMING

- Building Trust & Vulnerability
- Navigator Makes You A Better Communicator
- Driver Forces You To Trust Your Navigator



MOVING AHEAD TOO QUICKLY

- The Initial Approach
- The Temptation of a Dictionary
- Decision Paralysis

TRANSFORMATION PRIORITY PREMISE

BEFORE TPP

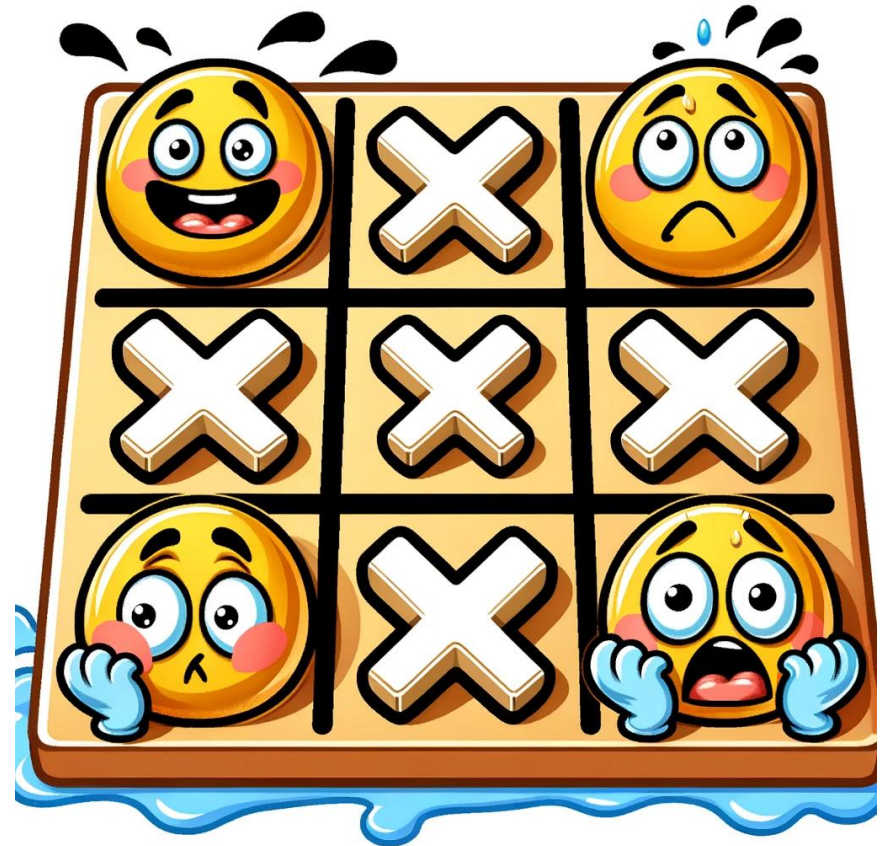
895d81db	alex	16.10.2023 10:01:49	ReturnRomanNumeral_WhenProcessingArabic 10 "X"
e3def839	alex	16.10.2023 09:50:54	R
a30827d6	alex	16.10.2023 09:48:04	T ReturnVWhenProcessing5
ab916732	alex	16.10.2023 09:46:02	R
a5bc0833	alex	16.10.2023 09:44:19	T ReturnIWhenProcessing1

AFTER TPP

fbf526f5	alex	16.10.2023 12:26:46	R
2ca5af44	alex	16.10.2023 12:25:58	R
1b54c0c4	alex	16.10.2023 12:17:50	R
95fd94d7	alex	16.10.2023 12:14:12	T ReturnRomanNumeral_WhenProcessingArabic 11 "XI"
6519db36	alex	16.10.2023 12:12:57	T ReturnRomanNumeral_WhenProcessingArabic 10 "X"
82ff0bf7	alex	16.10.2023 12:11:58	ReturnRomanNumeral_WhenProcessingArabic 9 "IX"
3917fa0a	alex	16.10.2023 12:10:23	R
e17b4b7b	alex	16.10.2023 12:08:07	R
ed3e78cd	alex	16.10.2023 12:06:45	T ReturnRomanNumeral_WhenProcessingArabic, 8 "VIII"
3afd10e4	alex	16.10.2023 12:05:50	R
00e49239	alex	16.10.2023 12:02:16	R
a8b8a2a9	alex	16.10.2023 12:00:10	R
73e66c4e	alex	16.10.2023 11:59:33	R
ff65340f	alex	16.10.2023 11:49:22	T ReturnRomanNumeral_WhenProcessingArabic 7, "VII"
ab30d548	alex	16.10.2023 11:42:46	T ReturnRomanNumeral_WhenProcessingArabic 6 "VI"
f022c991	alex	16.10.2023 11:41:33	T ReturnRomanNumeral_WhenProcessingArabic 5 "V"
281e092d	alex	16.10.2023 11:40:07	R
9f4ba81b	alex	16.10.2023 11:38:46	R
0d3095c4	alex	16.10.2023 11:37:28	T
d8345504	alex	16.10.2023 11:28:56	R
7f353cc2	alex	16.10.2023 11:27:17	R
0fadad71	alex	16.10.2023 11:19:42	R
734b1761	alex	16.10.2023 11:11:33	T ReturnRomanNumeral_WhenProcessingArabic 2, "II"
0d598ad1	alex	16.10.2023 11:08:46	T ReturnRomanNumeral_WhenProcessingArabic 1, "I"
9e8b6fbe	alex	16.10.2023 11:04:17	TPP implementation

NOT TESTING THE RIGHT STUFF

- Testing The Board
- Long Discussions On Implementation Details
- Changing The Tests



[Test]

0 references | alex, 5 hours ago | 1 author, 4 changes

```
public void MakePlayer0_AfterFirstMove()
{
    _ticTacToeGame.PlayAMove(BottomCenter);

    Assert.AreEqual(Player.O, _ticTacToeGame.Player);
}
```

[Test]

0 references | alex, 5 hours ago | 1 author, 3 changes

```
public void MakePlayersAlternate_WhenPlayingGame()
{
    _ticTacToeGame.PlayAMove(BottomCenter);
    _ticTacToeGame.PlayAMove(BottomLeft);

    Assert.AreEqual(Player.X, _ticTacToeGame.Player);
}
```

[Test]

0 references | alex, 5 hours ago | 1 author, 2 changes

```
public void MakeXWinner_WhenThreeXInBottomRow()
{
    _ticTacToeGame.PlayAMove(BottomLeft);
    _ticTacToeGame.PlayAMove(TopLeft);
    _ticTacToeGame.PlayAMove(BottomCenter);
    _ticTacToeGame.PlayAMove(TopCenter);
    _ticTacToeGame.PlayAMove(BottomRight);

    Assert.AreEqual(Player.X, _ticTacToeGame.FindWinner());
}
```

BEHAVIORAL TESTING

Design documents

Describing how to use the system

Better understanding of the problem

KEY TAKEAWAYS & REFLECTIONS

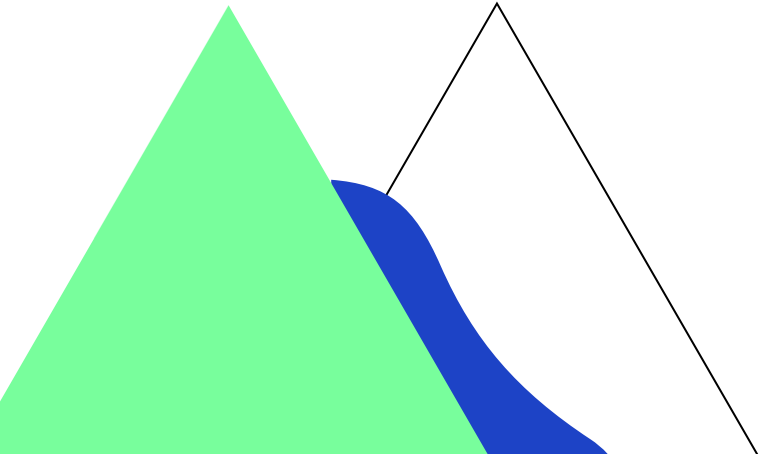
- The Importance of User-Centric Design
- Rules as Guidelines, Not Absolutes
- The Value of Critical Thinking



REFERENCES

- Pedro Moreira Santos, Marco Consolaro and Alessandro Di Gioia. 2018-2019. Agile Technical Practices Distilled.
- <https://llewellynfalco.blogspot.com/2014/06/llewellyns-strong-style-pairing.html>
- <http://coding-is-like-cooking.info/2016/09/mob-programming-strong-style-pairing/>
- <http://butunclebob.com/ArticleS.UncleBob.TheThreeRulesOfTdd>

QUESTIONS?



THANK YOU!

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