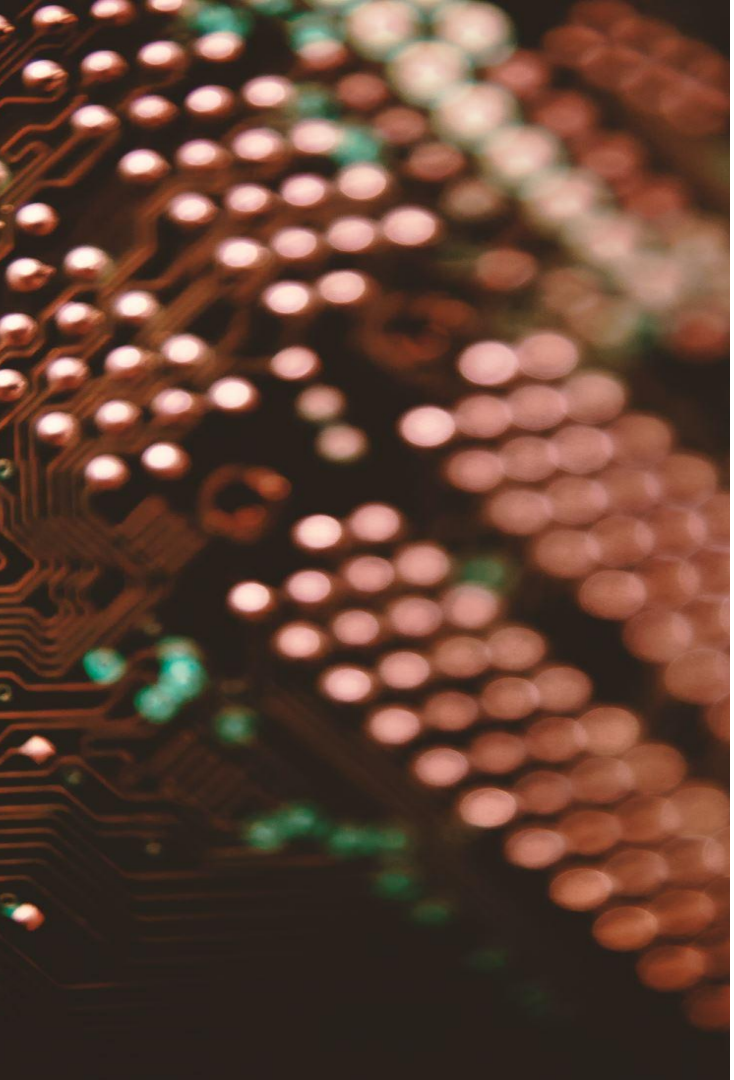
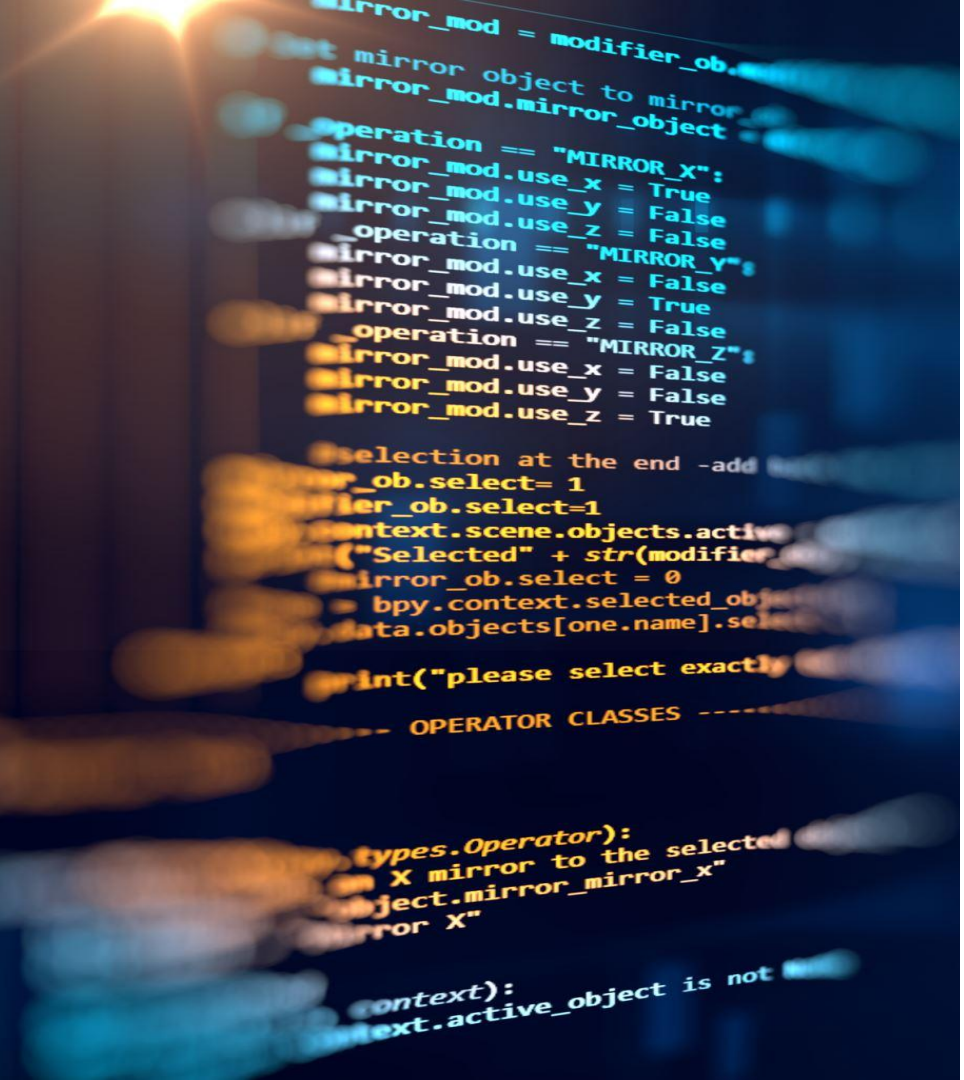


Extreme Programming The Secret Sauce for High-speed, Quality Software

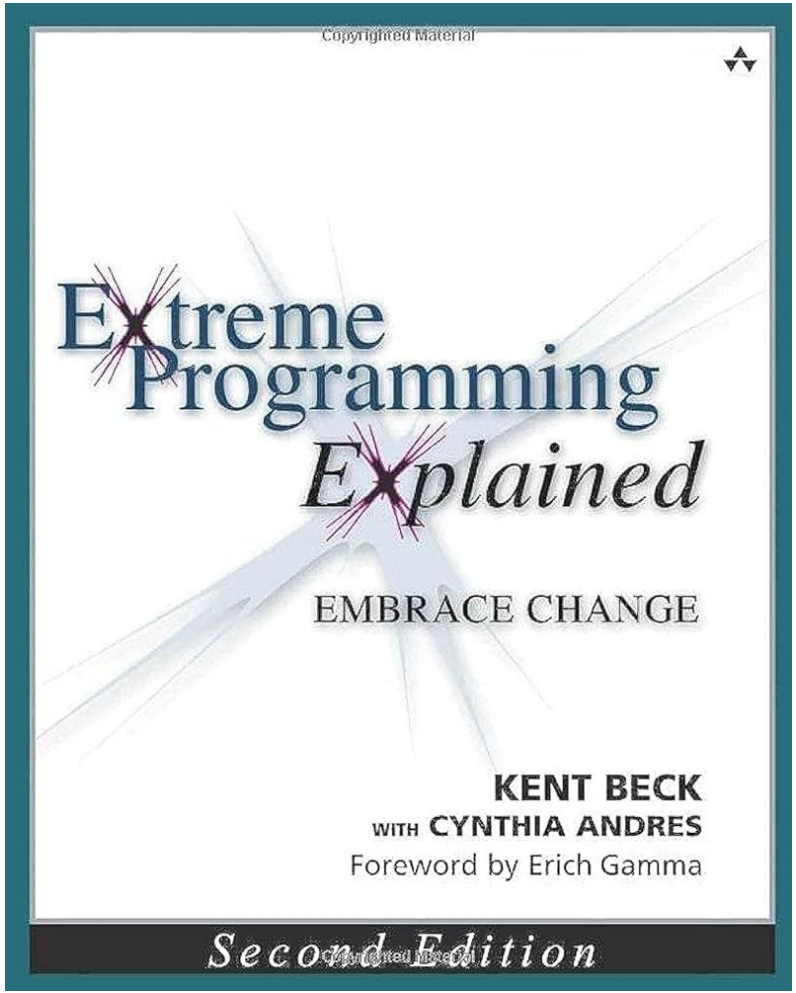
Paige Watson

paige.watson@outlook.com



Introduction to Extreme Programming

BRIEF OVERVIEW OF XP,
AND KEY PRINCIPLES.

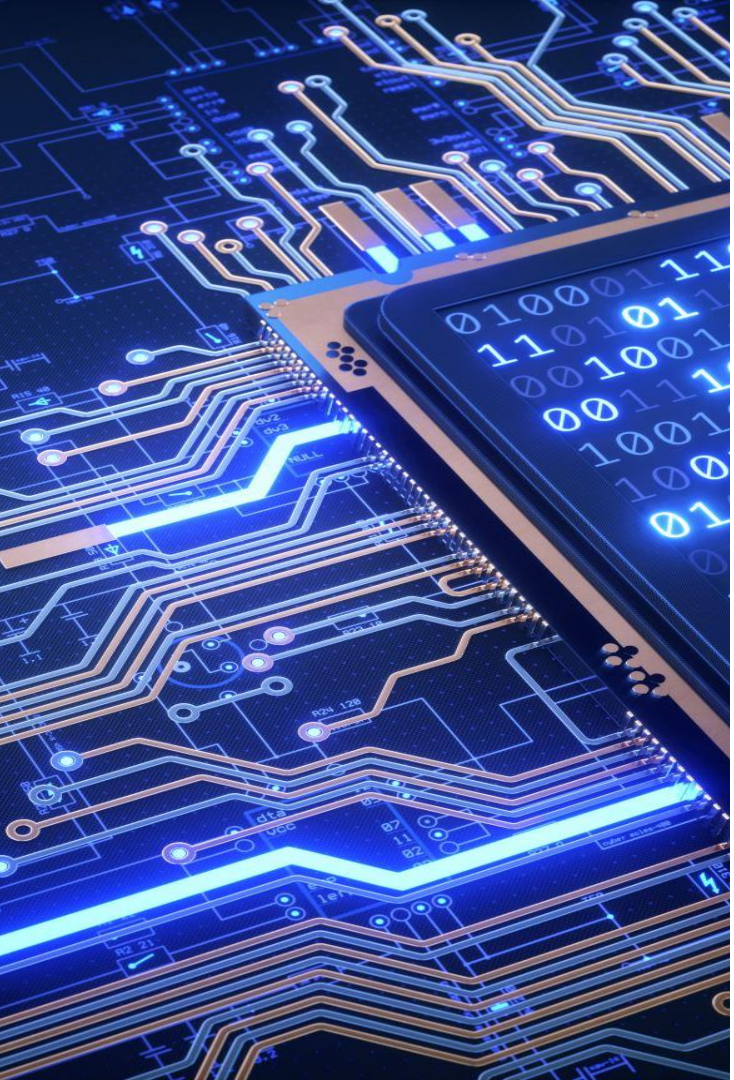


Extreme Programming Explained

Kent Beck - 2000

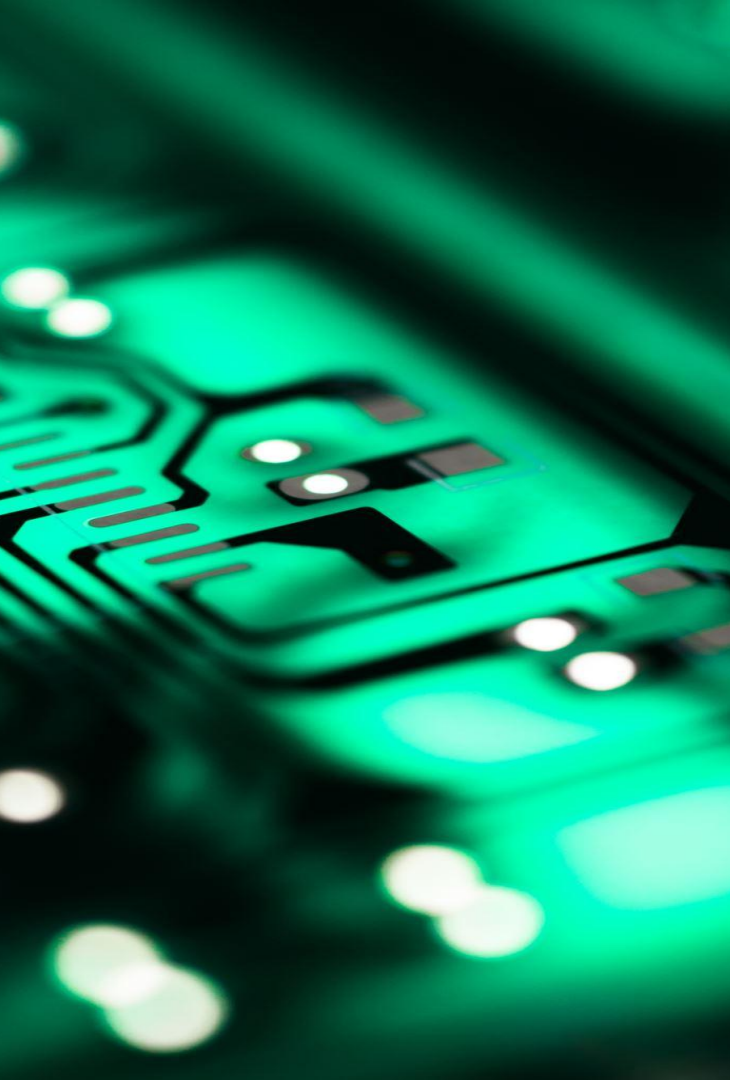
CHALLENGES IN SOFTWARE DEVELOPMENT THAT XP ADDRESSES.

The Need for Speed and Quality in Software Development



The Core Practices of XP

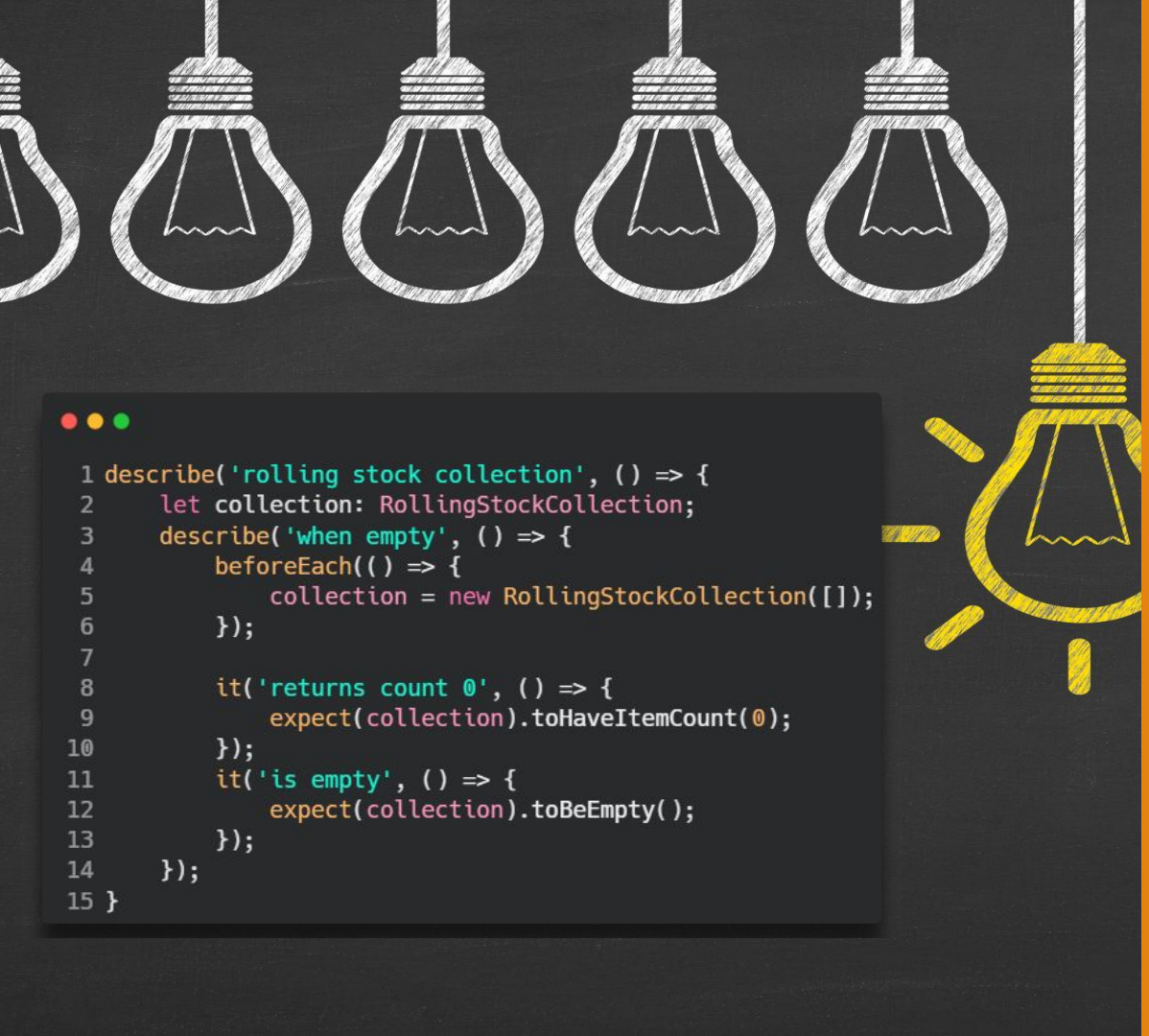
OVERVIEW OF PRACTICES LIKE
PAIR PROGRAMMING,
TEST-DRIVEN DEVELOPMENT,
CONTINUOUS INTEGRATION.



Pair Programming: Two Heads are Better than One

BENEFITS OF
COLLABORATIVE PROGRAMMING

(PAIR/ENSEMBLE/WHOLE TEAM)



Test-Driven Development: Ensuring Quality from the Start

THE IMPACT OF TDD ON SOFTWARE QUALITY

TRUSTING YOUR CODE

Continuous Integration: Keeping the Software Healthy

AUTOMATED TESTING
FASTER RELEASE CYCLES
ENHANCED CODE QUALITY

XP Teams: Faster, Better, Happier

TEAM MORALE
TEAM EMPOWERMENT
REDUCED FEAR
CLARITY AND FOCUS

Real-world Success Stories

HEALTHCARE INSURANCE SURVEY ENGINE

POINT OF SALE APP

Common Misconceptions and Challenges in XP

ADDRESSING MYTHS:

XP IS ONLY ABOUT CODING

PAIR PROGRAMMING IS INEFFICIENT

XP TEAMS DON’T PLAN OR DESIGN

CONSTANT REFACTORING LEADS TO DELAY

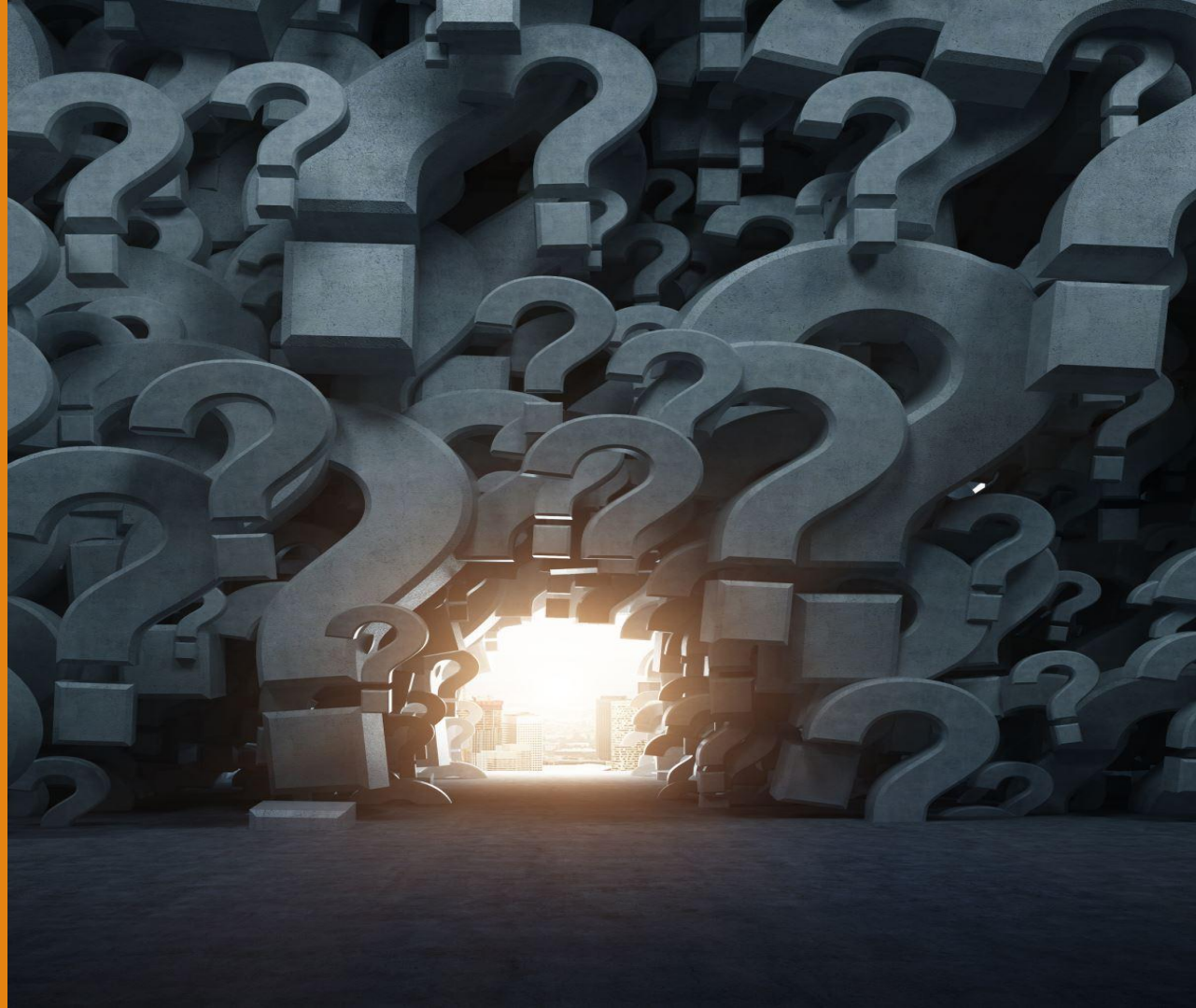
RESISTANCE TO CULTURAL CHANGE**

Embrace the Extreme for Excellence

QUALITY PRACTICES CREATE QUALITY SOFTWARE

MORE RAPID, LESS BUGS, MORE EMPOWERING

Q&A



Paige Watson

Email:
paige.watson@outlook.com

LinkedIn:
https://www.linkedin.com/in/paige-is-xp/

Calendly:
https://calendly.com/paige-watson

GitHub:
https://github.com/MyTurnyet/Talks