Introduction

Introduction

Problem

Automatic Detection of Pseudo-Tested Methods in a Test Suite Using Fault Injection

Nicholas Tocci

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Problem

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Problem
Current Metric

How can we know if our test suites are adequate?



Current Metrics

Introduction

Problem

Current Metrics

Passing Test
Cases

High Coverage
Test Suite

Passing Tests
High Coverage
Test Suite Proofs







Passing Test Cases

Introduction

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Current Metrics
Passing Test
Cases

High Covera Test Suite



What if they were written incorrectly?

High Coverage

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Solution

ntroduction

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- 1 Automatic changes to code
- Use of different styleguides
- Easy configuration

Issues found in research

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- Not as easy to configure as I would like
- Have to do human testing
- Much of the work is going to be converting rules to code

Questions

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Questions?