THE BUILD THAT CRIED BROKEN

Building Trust in Your Continuous Integration Tests

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THE SHEPHERD BOY AND THE WOLF
THE LIONESS AND THE VIXEN
Manage Flaky Tests
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- Stable identifiers
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- Stable identifiers
- Intelligent waiting
Manage Flaky Tests

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- Source of truth
Manage Flaky Tests

- Stable identifiers
- Intelligent waiting
- Source of truth
- Shortcuts
THE ASTROLOGER
Monitor Builds

Sprint task
### Monitor Builds

<table>
<thead>
<tr>
<th>timestamp</th>
<th>test_id</th>
<th>function</th>
<th>result</th>
<th>build</th>
</tr>
</thead>
<tbody>
<tr>
<td>1487563930</td>
<td>76</td>
<td>cart</td>
<td>P</td>
<td>10241</td>
</tr>
<tr>
<td>1487462400</td>
<td>76</td>
<td>cart</td>
<td>F</td>
<td>10240</td>
</tr>
</tbody>
</table>

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THE FARMER AND THE STORK
public class CartTests{

    @Test(groups = TestGroup.UNSTABLE)
    @TestDoc(TestId="1234", Function="Cart")
    public void testRemoveFromCart(){
        //...
    }
}
Stabilize
Manage Flaky Tests

- Stable identifiers
- Intelligent waiting
- Source of truth
- Shortcuts
THE DOG AND THE HARE
Monitor Builds
How the Story Ends...
How the Story Ends...

◊ 4,000 automated tests
How the Story Ends...

- 4,000 automated tests
- Less than 1.5% unstable
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How the Story Ends...

- 4,000 automated tests
- Less than 1.5% unstable
- Main builds always green unless change with app
- Everyone trusts it for feedback
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