Appsurify TestBrain

Test Smarter, Not Harder

In the competitive software industry, time to market is what's standing in the way of you and success. Save time, money, and get to market faster by solving problems as they arise – not when it's too late.

What Is TestBrain?

Appsurify's TestBrain is a quality assurance software testing tool built to help QA & Developers and Managers release higher quality products to market faster and with fewer defects.

We accomplish this through impact-based testing that automatically selects and runs only a few tests associated with recent code changes, then quarantines the flaky tests that may break your builds. Additionally, TestBrain leverages machine learning to identify the critical parts of your code that have been altered and assesses the subsequent riskiness of those changes to provide timely feedback to developers after each commit.

By understanding what causes a particular build to fail, QA & Developers and Managers can accurately target their testing and discover software bugs earlier in the development cycle, leading to increased productivity and earlier releases.

How It Works

Appsurify's TestBrain enhances existing test practices with intelligence. We do this by leveraging machine learning to automatically:

1 Analyze the metadata of your commits to find patterns that cause defects.

2 Use these patterns to assign risk to future commits.

3 Separate out and run just the affected tests.

By identifying and isolating defects, developers are able to engage in targeted testing of problematic code rather than spending unnecessary time testing the entire suite. Resulting in a more optimized CI pipeline resolving queues forming and merge issues as builds pass at a streamlined pace.

Key Features

Test Automation

Flaky Failure Prevention

Impact-Based Testing

Risk Alerts

Reporting

Risk Map

Save Time and Money for Future Innovation

QA & Developers and Managers simply do not have enough time to run full automation test suites, which can take hours to complete. By implementing a software testing tool that isolates and targets faulty or changed code, QA & Developers and Managers spend 90% less time running inefficient tests, increasing productivity by 28%.

90% Saved Time

28% Increased Productivity

Benefits of Smart Testing

Gain Instant Visibility
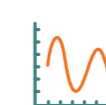
Minimize Context Switching

Reduce Time to Market

Save Cloud Resources

Increase Productivity

Achieve Your Shift-Left Strategy

Don't waste hours of valuable time waiting for a full test suite to finish. Test smarter with TestBrain. To learn more about how TestBrain can benefit your business, connect with our team for a free demo.

sales@appsurify.com | 1.650.402.1400