⋠ applitools

Applitools Autonomous

AI-powered end-to-end testing
anyone on your team can use.

THE CHALLENGE

As software continues to play an increasingly important role in our lives, users have come to expect more than just a functional product. They demand software that is intuitive, visually appealing, and easy to use. In order to meet these expectations, organizations have made massive investments in Quality Assurance and validating that their applications are shipped correctly with each change.

But as the velocity of software development has increased to meet these demands, the pressure on software testing has grown exponentially and these investments have largely been wasted. The need to ship often to stay ahead of the competition can lead to a lack of adequate testing, which can result in bugs and other issues that negatively impact the user experience.

Too Many Scenarios

Modern apps are complex, with hundreds of end-to-end scenarios to test on thousands of different screens & browsers

Too Many Screens & Devices

Customers consume digital media on a wide range of browsers, devices, and screen sizes making visual verification impossible

UIs Are Constantly Changing

Each time a change is made to the UI of an application, tests need to be updated in order to pass — no matter how small a change

Different Skill Sets

Teams who lack technical resources use different tools than engineers causing silos and lack of collaboration

THE SOLUTION

Fully Autonomous + AI-Assisted Testing

Applitools Autonomous is the first AI-powered end-to-end testing platform that replicates the intelligence and accuracy of the best QA practitioners, at unprecedented scale. Applitools reduces the burden testing has on product delivery by using AI to automate test creation, execution, maintenance, and reporting.

Autonomous can scan your sitemap and generate test cases for each URL present, then applies a visual AI assertion that can track any change detected at a functional or visual level. Or you can record with an interactive browser in combination with simply describing test steps in plain English. All steps are presented in plain English that can be edited later, and the interactive browser makes debugging a breeze.

These tests can be scheduled to run periodically or with a CI/CD tool, so your application can be continuously tested.

BENEFITS OF APPLITOOLS AUTONOMOUS

Generate Tests 10x Faster

Autonomous generates test cases automatically from your sitemap or URLs. Or combine recording in an interactive browser and describing test steps in plain English.

Validate Your UI with AI

Autonomous scans and maps your UI, validating thousands of elements instantly, and grouping errors and changes together for easy analysis and maintenance.

Proactively Catch Bugs

Schedule tests to run daily or initiate test execution from any CI/CD provider to help catch bugs proactively, reducing costs associated with fixing them.

REDUCE THE HASSLE OF QUALITY ASSURANCE

Autonomous Web Scan — Enter in your root domain, and we'll crawl your sitemap building out Visual AI scans for each page, helping you instantly improve your test coverage.

Interactive Custom Flow Authoring — Create powerful, resilient tests using plain English combined with recording in an interactive browser — enabling more teams to take part in the QA process.

Faster Test Execution — Runs test at massive scale against different browsers and devices using next-gen DOM replication, reducing test execution time by up to 90%.

Automated Test Maintenance — Reduce test maintenance with intelligent tests that self-heal selectors that change in the UI, making sure that your pipelines stay up and running.

Intuitive Test Orchestration — Execute tests on-demand, schedule them at a recurring time, or initiate test execution via API from any CI/CD or hosting provider.

Actionable Insights & Dashboards — See all of your test results in a single dashboard for fast analysis and deeper investigation.

"When we started using Autonomous, our testing process transformed. Previously, it would take us days to develop, stabilize, and run automated tests for every new project. **We now accomplish this task within just a few hours**. This not only significantly accelerates our deployments, but also relieves the stress associated with testing new updates in a compressed schedule."

ERIC TERRY | DIRECTOR OF QUALITY CONTROL

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