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Experience & Digital Engineering | Data & GenAI | Cloud | **Quality Engineering**

Next-Gen AI-Driven Test Automation – Ginger

Why Choose Ginger?

Ginger by Amdocs Quality Engineering (AQE) revolutionizes software quality assurance with an AI-driven, codeless test automation framework that simplifies and accelerates the testing process.

Providing **self-healing capabilities, automated test discovery**, and **scalable execution**, Ginger empowers your teams to test faster, smarter and with greater coverage to minimize maintenance efforts and maximize testing efficiency.

Cutting Edge Key Features

AI-Driven Automation Framework

Ginger Self-Healing AI detects and fixes broken automation in real-time, reducing MTTR and continuously updating test scripts. It adapts to application changes, discovers UI elements and APIs, and generates dynamic scripts for faster automation.

Reusability & Orchestration

Ginger promotes code reusability by integrating automation scripts from any programming language, following the "Bring Your Own Tests" (BYOT) philosophy. This feature incorporates existing test assets into the Ginger framework, ensuring a smooth transition and reducing redundancy.

Codeless Automation

Ginger simplifies automation with an intuitive codeless interface, making it accessible to non-programmers. Its drag-and-drop functionality allows users to design and execute test scenarios without writing any code.

Open Source with Community Support

Ginger provides automated validation across web, mobile, API, and database platforms, ensuring comprehensive cross-platform compatibility.

Advanced Validation

Ginger automatically performs visual validation, accessibility testing, and model-based testing (MBT), ensuring consistent and efficient validation of the application's UI, accessibility features, and functional behavior.

Built-In Integrations

Ginger seamlessly integrates with CI/CD pipelines for continuous testing, enhancing automation reuse through a comprehensive plug-in repository. It supports Artifactory-based deployment for minimal maintenance and ensures compatibility with ALM and CI/CD tools like Jenkins and Bamboo.

Technology Agnostic

Works with different environments, technologies, and deployment infrastructures.

Scalable Execution Capability

Ginger delivers enterprise-level scalability with a cloud-native infrastructure, microservices architecture, DevOps and Open API support, seamless execution in CI/CD pipelines, and self-service capabilities to scale automation efficiently across the enterprise.

Key Benefits

50%+
increase in
automation coverage

Expand test coverage across
platforms without additional effort.

Up to 70%
reduction in
testing cycle time

Speed time-to-value with
intelligent automation.

30%+
more end-to-end business
scenarios tested

Improve business resilience and
software reliability.

- **Self-Healing AI for Reduced Maintenance** – Ginger detects, corrects, and adapts to changes on the fly, minimizing test script failures.
- **Shift-Left Testing Approach** – Automate early in parallel with application development
- **On-the-Fly Correction with Dynamic Error Handling** – No more broken tests; Ginger identifies and fixes errors in real time.

Future-Proof your Testing with Ginger

Ginger by Amdocs isn't just another automation tool – it's a game-changer for enterprises seeking agile, AI-powered, and codeless test automation to reduce costs, increase efficiency, and ensure software quality at scale.

Its intelligent automation empowers teams to accelerate testing, increase coverage, and minimize maintenance efforts, ultimately resulting in faster, smarter, and more effective software development processes.

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