O Panaya

CAN THE FUTURE OF LOW CODING BE NO CODING-AT-ALL?

Discover How No-Code Test Automation Helps Enterprises Shorten Release Time Without Compromising on Quality

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Until recently, organizations generally had two options when they needed new applications. They could choose to build it themselves or purchase one from an outside vendor. In the "build" approach, the solution should closely fit business requirements, similar to a custom suit or dress, which usually means higher costs and longer waiting times, as with custom-tailoring. The packaged applications from vendors, like off-the-rack clothing, offer many configuration options but are typically less tailored to the customer's needs. On the plus side, they are also cheaper and can be installed much quicker. While firms can sometimes configure these applications to their specifications, they often find it easier to adapt their business model to match these applications rather than vice versa.

However, a third alternative has emerged today and is becoming increasingly popular. Low-Code or No-Code (LC/NC) applications can offer a perfect fit for business requirements, can be implemented rapidly, and typically cost less than systems designed in-house. Rather than involve developers in developing these applications, users are put in charge of the development. Using point-and-click interfaces or pull-down menus, users can usually develop their own applications or easily implement solutions to meet their requirements in a few hours. Little to no coding skills are required.

Thus, the number of people who can build software applications within an enterprise significantly increases. While Low-Code software may still require some programming skills, it is typically used by professional software developers or hybrid business/IT employees to improve their productivity.

No-Code software is suitable for non-technical users who can be functional consultants, business users, etc. This helps companies digitize and automate tasks and processes more quickly than sourcing and hiring development talent. Additionally, technology product developers can facilitate configuration and device setup with LC/NC applications. They may have programming skills but wish to preserve them for the product itself. Simple programs for configuration and setup by users can be created by non-technical individuals.

THE RISE OF NO-CODE TEST AUTOMATION FOR ENTERPRISES

When it comes to enterprise testing of ERP and critical packaged applications, the impact on business processes is so high, business users must be involved to help with testing. Business users may be unaccustomed to working with testing tools as professional testers. Nevertheless, their mission is critical to the quality of the project. Adopting user-friendly, intuitive testing tools is a key factor in bringing them in for a fruitful speedy collaboration and reduction of IT dependency.

While manual testing can be dramatically improved with a modern test management platform, developing a No-Code approach to automated functional and business process testing is also needed for ERP and packaged application users. Business teams can easily create automated tests by using a simple tool that captures all users' interactions and can repeat the scenarios on-demand as soon as they need to leverage it. This can be implemented in various cases: from ERP testing (like SAP and Oracle) to any other enterprise cloud packaged application such as Salesforce.com, ServiceNow, Workday, etc.

TESTING SMARTER WITH NO-CODE TEST AUTOMATION

Panaya Test Dynamix Smart Testing platform makes it easy for business and IT testers to automate repetitive test scenarios without requiring test automation engineers. Developers and testers can focus **on quality** instead of spending vast amounts of time automating tests. This not only serves test automation for the sake of regression tests, for example, but also helps manual testers dramatically accelerate manual testing with automation on demand while keeping complete control over the execution with detailed documentation that is automatically generated by the tool.

○ The unique built-in **smart recorder** automatically creates the testing script behind the scenes. Test authoring is automated without writing a single line of code and without any specific skills required. The script is easily readable and can be changed and maintained with codeless and advanced editing capabilities: users can disable or remove instructions, append additional steps, change recorded values, parametrize, create automated validation checks, etc.

In addition, default input values used during the application recording can also be parameterized with multiple datasets to perform data-driven testing and secure your coverage. Panaya's recording technology performs an in-depth analysis of the type of action performed and all HTML elements involved to create self-healing algorithms that will succeed in achieving the required actions, even on a web page that is being altered by changes.
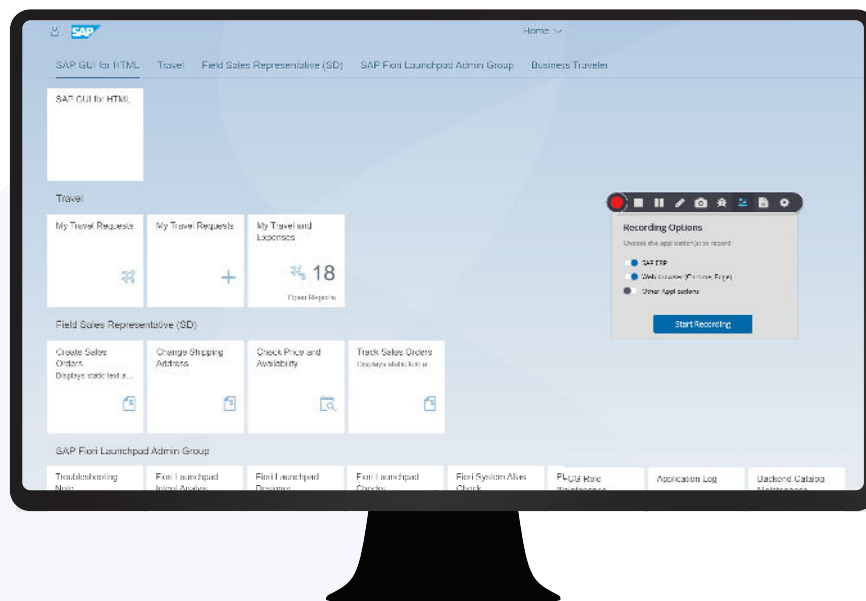
○ Panaya's **smart player** ensures the robustness needed to cope with changes occurring in ERP and packaged applications. These algorithms are the heart of our intelligent automation solution and are continuously adapted and improved.

Panaya Test Dynamix provides this No-Code technology as a part of its end-to-end comprehensive Smart testing platform that employs AI-powered change analysis to optimize testing efforts with minimum risk for all enterprise packaged applications.

THE FUTURE IS CODELESS — EXPERTS FORESEE THE TREND TO KEEP EXPANDING

No-Code solutions, such as No-Code test automation, are expected by market experts to dominate the market – representing up to 70% of solutions - and can be implemented to enable enterprises to:

- ⭕ Scale-up automation
- ⭕ Improve test coverage
- ⭕ Increase release cadence
- ⭕ Become more agile and collaborative

In this new paradigm of maximum velocity in flowless quality, manual testing was unable to keep pace with Agile and DevOps. And while automating reduces the tedious, time-consuming, and often error-prone tasks of manual testing, automating large test suites is not an easy or practical task, especially when you consider that most test automation tools require code, but the majority of most QA teams - can't write code. LC/NC test automation can prove enormously useful in addressing this issue and filling this gap.

Although LC/NC development isn't a magic cure-all, it can address essential resource shortages in enterprise application delivery that concern many organizations today. Over time, this trend will likely expand, and applications will become even easier to build and test for common processes and use cases.

WANT TO LEARN MORE ABOUT PANAYA TEST DYNAMIX SMART TESTING PLATFORM?

Yes! Tell me more

ABOUT PANAYA

Panaya enables organizations to accelerate application change and continuously deliver innovation with its Change Intelligence Platform. Panaya provides cloud-based application delivery and testing solutions that ensure collaboration between Business and IT. Enabling enterprise agility with faster release velocity and uncompromising quality, Panaya delivers an optimized user experience with end-to-end visibility of the application lifecycle. Since 2006, 3,000 companies in 62 countries, including a third of the Fortune 500, have been using Panaya to deliver quick quality change to enterprise ERP & CRM applications.

○ Panaya