Shift Right with Model-Based Testing: a ValueEdge™ Platform Service

Model-Based Testing is a shift-right, governance & management platform for Functional Testing. MBT brings together Business Analysts and QA Professionals to align Functional Test Automation with Business Requirements.

Today's test automation tools are mostly for technical testers, such as automation engineers or developers. But what about non-technical testers? Also, there are still major obstacles to creating accurate tests for critical applications.

OpenText™ Model-Based-Testing—a ValueEdge platform service—is a technological break-through for testing applications in production. The days of manual testing and human identification of paths are over.

ValueEdge delivers end-to-end value stream management by providing a flexible, cloud-based platform that powers the entire software product lifecycle, from strategy to delivery.

This AI-powered platform, seamlessly works with existing commercial and open-source software development tools to align strategic business objectives with software resource investment. It optimizes production efficiency, mitigates risk and maximizes ROI across an organization. The flexible design lets customers chose a single ValueEdge service or the entire platform that can be customized to meet any organization's unique needs.

Here are the top six ways Model-Based Testing enables and improves shift-right testing:

Our new Model-Based-Testing tool overcomes:

- Lack of test coverage.
- Lack of collaboration.
- Time constraints.
- Lack of technical skills.
- Lack of control and insight.
- Cost control initiatives.

1. **Better testing coverage.** Model-Based Testing uses state-of-the-art algorithms to automatically compute the testing paths for specific parts of an application. This powerful tool makes sure the correct testing paths or scenarios are selected for optimum application coverage. Your test lead will love it.

2. **More collaboration capabilities.** Unite your QA team members and business managers. Shared graphical models show them if they have the units they need. Plus, our solution automatically scans and imports any new Git-stored asset without any action or notification.

3. **Faster time to market.** A new automated path generation tool significantly increases testing speed. This time-saving tool cuts execution from 1,400 paths to 5.

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4. **Enhanced, intuitive interface.** Computer vision, natural language processing, and machine learning offer an easy-to-use testing interface for non-technical users.

5. **More visibility.** A new bird's-eye view tool gives managers a complete view of the functional testing process—from automation coverage to quality and exceptions.

6. **Increased accuracy.** Schedule paths with the automated process capability. That way, automation and codeless capabilities choose the correct and best paths. You can begin test automation where none was before. Or start testing before development with automation built on a wireframe.

With these capabilities, Model-Based Testing helps you shift right.

Learn more at
www.microfocus.com/opentext

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