

ORACLE APPLICATION TESTING SUITE - TESTING ACCELERATORS FOR ORACLE E-BUSINESS SUITE



FEATURES

- Automates complex Oracle E-Business Suite transactions for both functional testing and load testing
- Supports automation of both Web and Oracle Forms application interfaces and protocols
- Provides custom test cases to validate application content
- Enables parameterization of test scripts for data-driven testing
- Simulates loads of hundreds to tens of thousands of concurrent users while minimizing hardware requirements
- Gathers critical infrastructure performance metrics to identify bottlenecks under load
- Provides an intuitive Web-based console to configure and run load tests and share real-time results with distributed users
- EBS Test Starter Kit with sample test scripts provided for EBS R12 and 11i

Oracle Application Testing Suite's Testing Accelerators for Oracle E-Business Suite provide a comprehensive solution for ensuring the quality and performance of Oracle E-Business Suite applications. The Functional Testing Accelerator for Oracle E-Business Suite extends Oracle Functional Testing to enable automated functional and regression testing of Oracle E-Business Suite applications. The Load Testing Accelerator for Oracle E-Business Suite extends Oracle Load Testing to enable load and performance testing of Oracle E-Business Suite applications. The Testing Accelerators for Oracle E-Business Suite are components of Oracle Application Testing Suite, the centerpiece of the Oracle Enterprise Manager solution for comprehensive testing of packaged, Web and service-oriented architecture-based applications.

Ensuring Oracle E-Business Suite Application Quality

Ensuring the quality of your Oracle E-Business Suite (EBS) applications is critical to your business. But testing EBS applications prior to deployment and keeping up with the pace application updates while maintaining application quality can be a challenge.

Oracle Application Testing Suite (ATS) provides a comprehensive quality management solution for Oracle E-Business Suite. Oracle Functional Testing and the Functional Testing Accelerator for Oracle E-Business Suite provides an automated functional and regression testing solution to validate application functionality prior to deployment and reduce the need for manual testing. Oracle Load Testing and the Load Testing Accelerator for Oracle E-Business Suite provide a powerful load testing solution to test and tune application performance under real production workloads and identify bottlenecks. Oracle Test Manager provides an integrated solution for managing the test process including documenting test cases, test requirements and issues identified during testing in a central repository and managing test execution. Together, these products provide a comprehensive solution for ensuring EBS application quality.

Functional Testing Accelerator for Oracle E-Business Suite

The Functional Testing Accelerator for Oracle E-Business Suite extends Oracle Functional Testing to provide a powerful and easy-to-use solution to automate functional and regression testing of Oracle's E-Business Suite applications. Oracle

Functional Testing allows users to create test scripts that automate complex business transactions within their EBS applications, including both Web and Oracle Forms based application interfaces. Oracle Functional Testing's OpenScript integrated scripting platform combines an intuitive graphical scripting interface to quickly create complex test scripts and a powerful Java IDE that provides users with the flexibility to extend scripts programmatically. Users can automate business transactions by simply creating a new script and recording as they step through an EBS transaction in a browser. OpenScript captures all actions performed within Web or Forms based applications interfaces which can then be played back to automatically reproduce the recorded transaction. Users can then add test cases to validate specific Web or Forms application content and parameterize their script inputs to perform data-driven testing. Additional transactions can then be recorded to create a comprehensive automated regression test suite.

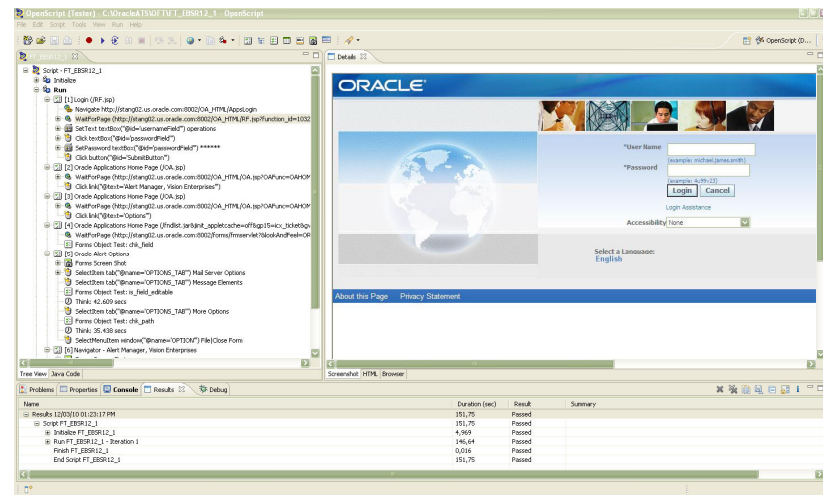


Figure1. Oracle Functional Testing automates Oracle E-Business Suite functional and regression testing

Load Testing Accelerator for Oracle E-Business Suite

The Load Testing Accelerator for Oracle E-Business Suite extends Oracle Load Testing to enable automated load and performance testing of Oracle E-Business Suite applications. With Oracle Load Testing you can simulate thousands of virtual users accessing the Oracle E-Business Suite application simultaneously to measure the effect of user load on application performance.

Users create their EBS load test scripts in Oracle Functional Testing's OpenScript integrated scripting platform. OpenScript automates both Web and Forms application protocols to generate highly scalable load test scripts for Oracle EBS. The scripts are automatically correlated to handle dynamic session parameters. These scripts can then be configured to run in Oracle Load Testing against any number of virtual users.

Oracle Load Testing provides a Web-based console that allows you to configure and run one or multiple scripts across thousands of virtual users to assess performance. Users can specify a number of run time parameters such as the amount of think time each user spends per page and the browser or connection speed to emulate. During the load test, Oracle Load Testing measures end-user response times as well as the performance of the underlying application infrastructure to help identify and resolve application performance bottlenecks.

Comprehensive Testing for Oracle E-Business Suite

Oracle Application Testing Suite provides a comprehensive testing solution for Oracle E-Business Suite. With Oracle Functional Testing and the Functional Testing Accelerator for Oracle E-Business Suite, users can effectively introduce automation into their functional test process to ensure the quality of their Oracle E-Business Suite applications and reduce testing time. With Oracle Load Testing and the Load Testing Accelerator for Oracle E-Business Suite, users can leverage a powerful solution for ensuring Oracle E-Business Suite application performance. The Oracle E-Business Suite testing accelerator includes a Test Starter Kit with pre-build test automation scripts for Oracle E-Business Suite applications. The Test Starter Kit covers a broad range of applications and user flows for both functional and performance testing based on the VISION demo database. And with Oracle Test Manager users can effectively document and manage their test process from a central location and report on application readiness.

Oracle Application Testing Suite provides a powerful integrated scripting platform for automated functional & regression testing and load testing. Oracle Functional Testing's OpenScript integrated scripting interface provides a unique combination of ease-of-use and flexibility through its intuitive graphical scripting interface and powerful Java IDE for extending scripts at the code-level. Oracle Functional Testing also provides custom capabilities for testing SOA and Oracle packaged applications through its integrated testing accelerators. Oracle Load Testing provides a fully Web-based user interface for configuring and running load tests and an integrated ServerStats module for monitoring application infrastructure during a load test to identify bottlenecks. Oracle Load Testing also enables multi-user collaboration by allowing testers to view and share real-time results during load test execution through their browser. With Oracle Application Testing Suite users can leverage a comprehensive, integrated solution for automated functional and regression testing, load testing and test process management.

Contact Us

For more information about Oracle Application Testing Suite Oracle E-Business Suite Accelerators and Oracle Enterprise Manager please visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.



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