

ORACLE FUNCTIONAL TESTING



FEATURES

- Automates testing of Web, SOA and Oracle packaged applications
- Integrated scripting platform for automated functional testing and load testing
- Intuitive GUI-based visual scripting interface to create test scripts
- Powerful Java-based code view built on Eclipse IDE to extend scripts
- Enables data-driven tests to drive your automated Web transactions
- Provides built-in test cases to validate application content
- Includes custom testing accelerators for Oracle E-Business Suite, Siebel and ADF applications
- Enables Web Services testing for SOA applications
- Enables Oracle Database testing with synthetic scripts which can be generated from Real Application Testing's Database Replay
- Enables automatic generation of load test scripts from Real User Experience Insight
- Support for Adobe® FLEX® testing

BENEFITS

- Cuts testing time in half, eliminating weeks from a project's testing schedule.
- Reduces the amount of manual testing required for each release
- Lets you focus on testing your application rather than developing test scripts
- Eliminates the need to learn multiple tools and scripting languages for different types

The fastest way to ensure the quality of your Web applications, Oracle packaged applications and Web services, Oracle Functional Testing is a powerful and easy-to-use functional and regression testing tool that allows you to automate your testing processes. Oracle Functional Testing's OpenScript integrated scripting platform cuts testing time in half, eliminating weeks from a project's testing schedule. Oracle Functional Testing is a component 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.

Automate Functional and Regression Testing

Oracle Functional Testing provides the easiest and fastest way to automate functional and regression testing for Web applications, Oracle packaged applications and Web services. Its OpenScript integrated scripting platform enables users to create automated test scripts that simulate complex business transactions. This reduces the need for manual testing which is both time consuming and inefficient. With Oracle Functional Testing, users can automate their functional and regression testing and also create load and performance testing scripts that can be run in Oracle Load Testing.

Oracle Functional Testing's OpenScript scripting platform offers unprecedented flexibility for enterprises by combining an intuitive, graphical scripting interface with a powerful, Eclipse-based Java IDE to support the needs of advanced quality assurance professionals and less experienced testers alike. With OpenScript, users can record automated test scripts by simply stepping through their Web transactions in a browser. OpenScript automatically captures all user actions and data inputs and accurately identifies browser objects. Users can then run their automated scripts to execute these transactions and leverage the graphical scripting interface to analyze playback results, parameterize script inputs and add custom test cases to validate application content. Scripts can also be extended programmatically in Java which provides users with advanced scripting capabilities and powerful debugging tools through the integrated Eclipse IDE.

Oracle Functional Testing allows users to create an entire suite of test scripts that automate various business transactions and can be used for ongoing functional and regression testing of each new application release or upgrade.

- of tests
- Improves application quality by allowing for increased test coverage and more-extensive validation

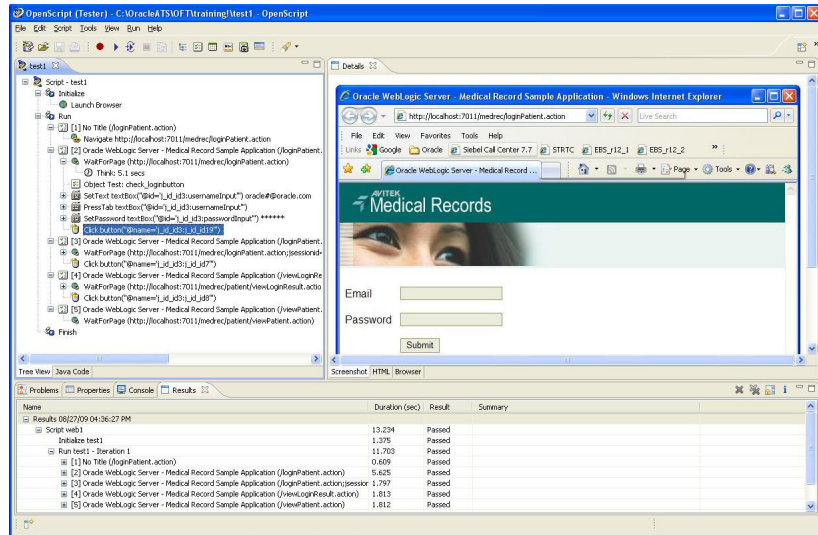


Figure1. Oracle Functional Testing automates functional and regression testing.

Create Scripts for Load Testing

Oracle Functional Testing and the OpenScript platform can also be used to create automated test scripts for application load testing. These scripts can then be run across thousands of concurrent virtual users in Oracle Load Testing to validate application performance. OpenScript users can leverage the same graphical scripting interface and powerful Java IDE to create their load test scripts. Load testers benefit from features such as automated correlation of application protocol requests, built-in validation of application content and the ability to parameterize script inputs for data-driven load testing. And unlike competing automated testing solutions that force users to use different tools and master different scripting languages, OpenScript users can leverage a single, integrated and standards-based scripting solution for both automated functional testing and load testing.

Load test scripts can also be generated in OpenScript from Oracle’s Real User Experience Insight (RUEI) product. This enables users to quickly create realistic load test scripts in OpenScript that are automatically generated from actual live Web user sessions with their application, captured by RUEI.

Leverage Customized Testing Accelerators

Oracle Application Testing Suite also provides a series of integrated testing accelerators for testing Oracle packaged applications and SOA applications. These accelerators enable enhanced scripting capabilities in Oracle Functional Testing for more efficient and optimized testing.

1. The testing accelerators for Oracle E-Business Suite provide a comprehensive solution for automated functional and load testing of EBS R12 and 11i applications, including support for both Web and Forms based application interfaces. 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.

2. The testing accelerators for Siebel are integrated with Siebel's Test Automation interfaces to provide a powerful, easy-to-use solution for automated functional and load testing of Siebel CRM applications. The Siebel testing accelerator includes a Test Starter Kit with pre-build test automation scripts for Siebel 8.1.1. The Test Starter Kit provides some key flows for both functional and performance testing.
3. The testing accelerators for ADF Applications provide enhanced support for automated functional and load testing of applications built with Oracle Application Development Framework (ADF) components.
4. The testing accelerators for Web Services allows users to create automated functional and load test scripts for testing SOAP-based Web services, without requiring a user interface to test against.
5. The load testing accelerator for Oracle Database allows you to test the performance of Oracle Database using synthetic test scripts, which can be generated from Real Application Testing's Database Replay capture files or from custom SQL and PL/SQL scripts.

Oracle Functional Testing Helps You Ensure Application Quality

Oracle Functional Testing is the right tool for automated testing of Web, SOA and Oracle packaged applications. It 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. With Oracle Functional Testing you can focus on ensuring the quality your applications while accelerating your test cycles.

Contact Us

For more information about Oracle Functional Testing and Oracle Enterprise Manager please visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.



Oracle is committed to developing practices and products that help protect the environment

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