

ORACLE FUNCTIONAL TESTING SUITE FOR ORACLE APPLICATIONS

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KEY FEATURES

- Automates testing of Oracle packaged and Web applications
- Integrated testing accelerators for Oracle E-Business Suite, Siebel, JD Edwards EnterpriseOne and Oracle Fusion (ADF based) applications
- Includes keyword driven testing framework (Oracle Flow Builder) with over 2100 components and 200 flows for testing Oracle E-Business Suite
- Test Starter Kits for Oracle E-Business Suite, Siebel and JD Edwards provides examples and best practices on how to create scripts for your Oracle packaged applications
- Intuitive GUI-based visual scripting interface to create test scripts
- Integrated scripting platform for automated functional testing and load testing
- Powerful Java-based code view built on Eclipse IDE to extend scripts
- Provides built-in test cases to validate applications
- Enables automatic generation of load test scripts from Real User Experience Insight

KEY BENEFITS

- Cuts test script creation 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 of tests
- Supports both "record / playback" and keyword driven testing for optimized testing based on testers skill set
- Improves application quality by allowing for increased test coverage and more-extensive validation

Oracle Functional Testing Suite for Oracle Applications is the fastest way to ensure the quality of your Oracle packaged applications as well as your custom built Web applications. It is a powerful and easy-to-use functional and regression testing tool that allows you to automate your testing processes. OpenScript, the integrated scripting platform for functional and load testing, cuts test scripting time in half, eliminating weeks from a project's testing schedule. Oracle Functional Testing Suite for Oracle Applications 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 Suite for Oracle Applications provides the easiest and fastest way to automate functional and regression testing for Oracle packaged applications, web 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 Suite for Oracle Applications, users can automate their functional and regression testing as well as create load and performance testing scripts that can be run in Oracle Load Testing for load and performance testing.

Oracle Functional Testing Suites for Oracle Applications has an integrated scripting platform for both functional and load testing called OpenScript, which 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 transactions in a web 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 Flow Builder

Oracle Functional Testing Suite for Oracle Applications also includes Oracle Flow Builder, a keyword driven testing framework. Oracle Flow Builder allows testers to create test automation scripts by providing a sequence of keywords to mimic user actions in a test automation script. Unlike other frameworks, Oracle Flow Builder comes with pre-defined keywords for testing Oracle E-Business Suite applications and rich pre-built testing content in form of over 2100 components and 200 test automation flows. The pre-built content can easily be modified for any customizations in the applications and testers can create new components using Oracle Flow Builders browser based user interface or through a Microsoft Excel template for off line creation. Oracle Flow Builder can reduce test script creation efforts with up to 60% compared to traditional record/playback.

Oracle Functional Testing Suite for Oracle Applications 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.

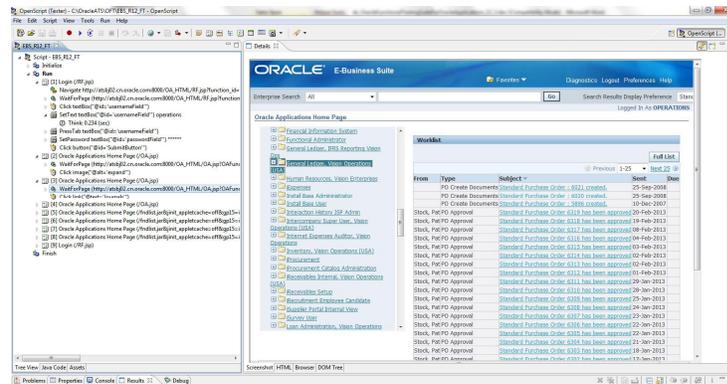
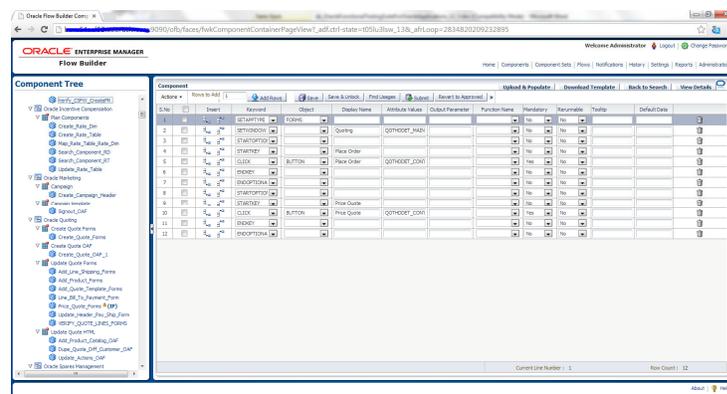


Figure1. Oracle Functional Testing Suite for Oracle Applications scripting environment OpenScript



RELATED PRODUCTS

Oracle Functional Testing Suite for Oracle Applications delivers maximum benefits when used with the following Oracle products

- Oracle Test Manager
- Oracle Load Testing Suite for Oracle Applications
- Oracle Application Testing Suite Testing Accelerator for WebServices

Figure 2. Oracle Flow Builder, keyword driven testing with more than 2100 components and 200 flows for Oracle E-Business Suite testing.

Create Scripts for Load Testing

Oracle Functional Testing Suite for Oracle Applications 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 Suite for Oracle Applications 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 integrated Testing Accelerators

Oracle Functional Testing Suite for Oracle Applications provides a series of integrated testing accelerators for testing Oracle packaged applications. These accelerators provides optimized object identification for robust scripts that require less maintenance and enable enhanced scripting capabilities in Oracle Functional Testing for more efficient and optimized testing.

- The testing accelerators for Oracle E-Business Suite provide a comprehensive solution for automated functional testing of EBS R12 and 11i applications, including support for both Web and Forms based application interfaces.
- The testing accelerators for Siebel are integrated with Siebel's Test Automation interfaces to provide a powerful, easy-to-use solution for automated functional testing of Siebel CRM applications. The Siebel accelerator supports Siebel 7.7 or higher. The Siebel Test Automation Interface license required for testing of Siebel applications is part of the Oracle Functional testing Suite for Oracle Applications license.
- The testing accelerators for Fusion Applications provide enhanced support for automated functional testing of Oracle Fusion applications or custom built applications using Oracle Application Development Framework (ADF) components.
- The testing accelerators for JD Edwards Enterprise One applications provide support for functional test automation of Oracle JD Edwards Enterprise One applications and the JD Edwards Data Grid component.

Improve your application quality

Oracle Functional Testing Suite for Oracle Applications is the right tool for automated testing of Oracle packaged applications, Web and SOA based applications. It provides a powerful integrated scripting platform for automated functional & regression testing and load testing. Oracle Functional Testing Suite for Oracle Application'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 Suite for Oracle Applications helps to reduce scripting time with up to 50% compared to other solutions in the market and allows you to focus on ensuring the quality of your applications while accelerating your test cycles.

Contact Us

For more information about ORACLE FUNCTIONAL TESTING, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.



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