

## ORACLE FUNCTIONAL TESTING

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#### KEY FEATURES

- Automates testing Web applications
- Intuitive GUI-based visual scripting interface to create test scripts
- Integrated scripting platform for automated functional testing and load testing
- 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
- Improves application quality by allowing for increased test coverage and more-extensive validation

*Oracle Functional Testing is the fastest way to ensure the quality of your 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 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 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 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 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 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.

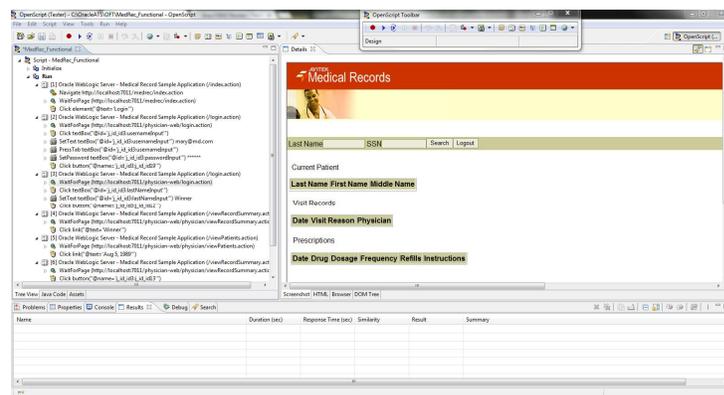


Figure1. Oracle Functional Testing scripting environment OpenScript

## 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.

### RELATED PRODUCTS

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

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

## Improve your application quality

Oracle Functional Testing is the right tool for automated testing Web and SOA based 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 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](http://oracle.com) or call +1.800.ORACLE1 to speak to an Oracle representative.



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