UTILIZING ORACLE USER PRODUCTIVITY KIT FOR SOFTWARE TESTING

KEY FEATURES AND BENEFITS

**KEY FEATURES**

**IMPROVE THE TESTING PROCESS BY USING ORACLE USER PRODUCTIVITY KIT FEATURES FOR TEST CASE CREATION AND EXECUTION**

- Provides a consistent process for requirement gathering, test planning, execution and result analysis,
- Provides in-application test guidance.
- Automates the drafting of steps to recreate discovered issues
- Publishes manual test plans for Oracle Application Testing Suite, HP Quality Center and IBM Rational

**BENEFITS**

- Supports vital testing steps needed within the implementation lifecycle
- Saves hundreds of hours of time over manual test creation
- Improves the accuracy of the steps in the test plan
- Integrates easily into other phases of the project lifecycle
- Provides in-application test support for non-professional testers performing UAT in the familiar UPK format

**Oracle User Productivity Kit (UPK)** is a collaborative content development platforms that support all phases of enterprise application implementations from blueprinting through testing, go-live, maintenance and support. Oracle UPK eases the burden and drives efficiency into the tasks associated with creating and maintaining test materials as well as implementing software and UPK courseware testing.

**Leveraging UPK for Software Testing**

When you derive the highest value possible from the successful deployment of your enterprise software, your entire business benefits. Oracle UPK and UPK Professional enable enterprises to drive user productivity and mitigate risk throughout all phases of the software ownership lifecycle.

Thorough and accurate testing is a critical step in the implementation lifecycle. It ensures your enterprise software will run smoothly and efficiently from the first go-live date. Oracle UPK and UPK Professional can enhance user acceptance testing during the project lifecycle through their testing capabilities and integration with test management software suites like Oracle Application Testing Suite, IBM Rational, and HP Quality Center. By guiding manual testing through the Test It! Player, Test Case and Test Document outputs, Oracle UPK and UPK Professional can reduce test plan creation time, accelerate test execution and improve accuracy. This solution also provides a foundation for reusable training documentation, application simulations, and end-user performance support—all critical assets to support an enterprise application implementation.

Oracle UPK or UPK Professional allows the deployment of high-quality applications quickly and effectively by providing a consistent, repeatable process for gathering requirements, test planning, execution and analyzing results.

**Benefits of UPK for Manual Test Plan Development**

With the Oracle UPK or UPK Professional and these testing suite integrations, you can realize significant benefits.

- **Reduce time to execute user acceptance testing.** By providing real time in-application testing support with the UPK Test It! Player, UAT testers can quickly and efficiently execute tests.
- **Reduce manual test plan development time.** You can accelerate the testing cycle by significantly reducing the time required to create the test plan.
- **Improve test plan accuracy.** Capturing test steps automatically using Oracle
UPK or UPK Professional and then importing those steps directly to any of these testing suites eliminates many of the errors that occur when writing manual tests.

- **Create the foundation for a reusable documentation system.** Recorded transactions can be republished to support other lifecycle phases of the project, such as training and performance support.

**Using Test It! Player to Execute UAT**

Ease the burden of user acceptance testing by using UPK to create and deploy test plans and in application tester support. Using the Comments Pane in the Topic editor, Authors can add expected results to populate the Test Case, Test Document and Test It! outputs with the expected behavior for each step of the test plan.

To assist in the execution of UAT, Test It! mode provides real time performance support specifically designed for testing. Test It! mode guides the tester through a test plan and streamlines the capturing and compiling of test step results and tester comments. When issues are discovered, they are easily documented through a Test Step Notes editor which is linked to each test step.

![UPK Test It! Player step by step guidance](image)

The process of logging defect reports is simplified with the ability to automatically generate the text of the steps necessary to recreate the problem.
Available as a publishing option for the UPK Player, Test It! can be published with other Player modes enabling the tester to review test procedures in a simulated environment prior to running the actual tests.

**Using UPK Test It! for Content Quality Assurance**

UPK content review can be accelerated using Test It! as a content review tool. Content reviewers can review topics in the Test It! player assigning pass / fail to each topic frame and provide feedback using the Test Step Notes to direct UPK authors to the issue or needed correction. At the completion of each Test It! topic UPK generates a test summary and detailed report which can be used to correct the issues.

**Test Suite Integration Overview**

Using Oracle UPK’s recording technology, users are able to capture the
transactional procedures in their enterprise application, publish all of their
procedures as test documents, and then import the test documents as manual tests
into any of these testing suites.

An example of Excel-based output ready for import into Oracle Application Testing Suite.

Note: HP Quality Center documents can be generated from Oracle User Productivity Kit without requiring Excel. However, to view the
document and export it to HP Quality Center, the user will need Excel installed.

Contact Us

For more information about Oracle User Productivity Kit or Oracle User
Productivity Kit Professional, 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

Copyright © 2014, Oracle and/or its affiliates. All rights reserved.

This document is provided for information purposes only and the contents hereof are subject to change without notice. This
document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or
implied in law, including implied warranties and conditions of merchantability, or fitness for a particular purpose. We
specifically disclaim any liability with respect to this document and no contractual obligations are formed either directly or
indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or
mechanical, for any purpose, without our prior written permission.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their
respective owners.