

*qftestJUI* is a tool for the creation, execution and management of automated tests for Java/Swing applications with a graphical user interface (GUI). It runs on Windows and all major Unix systems with JDKs from Sun, IBM and Blackdown from 1.1 through 1.4.

## Introduction

Verification and validation through testing is a major building block of the quality assurance process. GUI tests are vital because they are performed from the view of the end-user of the application. Besides, they typically cover the entire application, since the functionality of the application is reflected in and accessed through its graphical user interface.

Automated tests help to greatly reduce the time and thus the cost spent on this key segment. Furthermore, automation ensures that tests are performed regularly and consistently, resulting in early error detection which leads to enhanced quality and shorter time to market.

Four key factors determine the efficiency of test automation with *qftestJUI*:

1. Unavoidably, a program changes in many ways during development. Only tests that

are reusable with a minimal effort achieve any gain over manual testing. Being written in Java itself, *qftestJUI* adapts to the system being tested, resulting in an exceptionally high test reusability for Java applications.

2. Using *qftestJUI* is intuitive and testers should have their first tests up and running within two hours. This reduces the initial cost of introducing *qftestJUI* into the QA process.
3. Extensive documentation is available for users who are approaching the product with differing background and skill levels, thus enabling testers as well as developers to get the most out of *qftestJUI*.
4. With its natural user interface *qftestJUI* offers a powerful set of features such as variables, procedures and scripting, enabling QA to run sophisticated tests, pushing the tested application to the limit.

More information about *qftestJUI* is available in the product description. For the technically interested, the technical details page explains some of the inner workings of *qftestJUI*.

## Availability

Licenses are available for commercial, academic and open source projects. Prices are listed on the on the web at <http://www.qfs.de/en/qftestJUI/license.html>

An evaluation version can be obtained from <http://www.qfs.de/en/qftestJUI/download.html>

