



QF-TEST

The Java GUI Test Tool

Cross platform
Robust & reliable
Easy to use
Well-established
System & load testing
Swing & Eclipse/SWT

Prices

Licenses

QF-Test licenses are floating and entitle you to run one instance of the program at any given time, independent of the machine it is running on or the person operating it. Multiple licenses allow multiple instances of QF-Test to be run concurrently within one site or network. QF-Test is available in three variants which differ only in the supported GUI-technology:

Products			
Supported GUI-technology			
Swing	•	•	
Eclipse/SWT	•		•
Swing/Eclipse/SWT combined	•		
Prices for developer licenses (in EUR, plus GST/VAT)			
1 license	1.895 €	1.595 €	1.395 €
2 – 5 licenses, each	1.765 €	1.465 €	1.300 €
6 – 10 licenses, each	1.665 €	1.395 €	1.220 €
> 10 licenses	individual offer		
Prices for maintenance contract (p. a., in EUR, plus GST/VAT)			
1 license	470 €	435 €	435 €
5 licenses	1.730 €	1.535 €	1.535 €
10 licenses	3.040 €	2.700 €	2.700 €

Licenses for QFS products are also available: as runtime licenses, via license leasing, price reduced academic licenses, free of charge for Open Source projects.

Please find a complete price list on our homepage at <http://www.qfs.de/en/qftest/license.html>.

Maintenance and support

With our Software Maintenance Agreement we are offering an all-inclusive package on a yearly basis, including email and telephone support as well as all kinds of upgrades. Even major upgrades are included. Please find price examples above. For detailed terms and conditions and the full price list, please see <http://www.qfs.de/en/qf-test/support.html>.

On-site support and training as well as webinars are available on request. For further information or an individual offer, please contact qfs@qfs.de.

As of January 2007, subject to change without prior notice. Licensing and support for QF-Test are subject exclusively to our terms and conditions listed under <http://www.qfs.de/en/company/agb.html>.

FAQ

1 What is QF-Test?

QF-Test is a tool for the creation, execution and management of automated system and load tests for Java applications with a graphical user interface (GUI). QF-Test has been developed and distributed by Quality First Software GmbH since 1999.

2 What GUI-technologies are supported for testing?

Swing (including Applets, Webstart, ULC) and SWT, the Standard Widget Toolkit from Eclipse, including Plugins and RCP (Rich Client Platform) applications.

3 For which platforms is QF-Test available?

Windows, Linux, Solaris, AIX, HP-UX ...

4 Which JDK versions are supported?

For the applications to be tested all JDK versions from 1.3 from Sun, IBM and Blackdown (QFTest itself needs JDK 1.4 or higher).

5 What are QF-Test's salient features?

Easy to use:

Intuitive user interface, quick creation of tests with capture and replay, simple composing of complex tests without the need for programming

Highly flexible:

Automatic adaptation to changes in the application under test, intelligent recording and filtering, full access to recorded sequences, support for trees and tables, even with dynamic input

Powerful:

Good component recognition = low maintenance effort, advanced programming elements, full access to the Java API of the application under test, integrated scripting Jython, XML/HTML based test reporting, incl. screenshots, pragmatic test management, datadriven testing

Well documented:

Technical FAQ, for getting a quick start a tutorial with many easy to understand test scenarios and example test-suites, manual (user's guide and reference section), both English and German language support

6 Who uses QF-Test already?

More than 350 companies worldwide, from small companies to global players, among them the 8 largest IT service providers worldwide. Some of our customers: Bea, HP, IBM, Océ, Philips... (see supplement »References«).

7 I run unit tests, why is that not sufficient?

(Indispensable) Unit tests can only test small parts of a system in isolation (steering-wheel ok, otor ok). GUI based testing exercises an application as a whole (steering-wheel and motor taken together don't guarantee roadworthiness).

8 What's the use of testing in general and for test automation in particular?

Automated software testing reduces time and costs spent on quality assurance. Automated tests executed steadily and completely in the background during software development detect bugs at an early stage. Thus achieved reproducible security ensures (beside higher quality) an earlier market release with lower maintenance expense. A tool with high component recognition and low maintenance effort – like QF-Test - is a precondition here.

9 What can I tell my boss who doesn't want to spend money?

Thanks to the low price for licenses in comparison to competitors tools and the easy use of QF-Test you can start easily with efficient testing and have a quick return of investment. Just compare the cost for licenses with common costs for developer's or tester's wages and the costs for bugs,

10 How much does QF-Test cost?

The price for one license starts at 1.395 EUR (see supplement »Prices«). That's significantly below major competitor's prices. All licenses are »floating« and independent from desk. Runtime licenses and license leasing are also available.

11 Is a demo version available for download?

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12 Where do I get help troubleshooting?

- Tutorial: a helpful guide for quick building of first test-suites
- Manual including technical FAQ at the end
- Mailing-list including a comprehensive full-text search for the archive
- Free email support granted via qftest@qfs.de during evaluation
- Complete-care maintenance package including support and all kind of updates
- Individual on-site support and training
- Webinars

13 What are QF-Test 's limitations?

Testing of Windows - and web-based applications (webtesting coming in the middle of 2007).

References and Case Studies

Bea's multiple awarded WebLogic Workshop is developed with the help of QF-Test, a tool specialized for testing Swing applications, that meets high demands of complex requirements better than the competitors. Since 2002 QF-Test is in use at several relocations in the USA and Japan as the vital core in the test framework.



IBM uses QF-Test for their AIX Web-based System Manager.



The intricacy of the German tax system represents an enormous challenge. In Lower Saxonia more than 10 000 workplaces will be upgraded from a txt-based system to a stat-of-the-art Java interface without changing the process used by the financial computer center in Hannover. The strict demands of quality for a system of such high



Crucial for evaluation and the selection QF-Test were:

- support for complex data structures
- ease of reusability of single test modules
- minimal effort needed to update test cases when changes in the software interface and logic are introduced



What our customers say...

»Thanks, that works great. I have to say that QF-Test is a wonderful tool for creating and maintaining Swing tests« (Jeff Grimshaw, Senior Software Developer, Raleigh, North Carolina)

»Gregor, I have never had such timely support in 16 years of IT. You and your company are to be applauded! ... Regards, Gavin« (Gavin Walsh, TISL, Großbritannien)

References and Case Studies

For the development and execution of automated test-cases for our customer (HP / HP OpenView Software) a test tool was to be selected which had to be well-suited to testing of JAVA GUI applications. The requirements that had to be met are:



daemons point

- **Support for the whole software life-cycle process:**
 - Configuration management
 - Testcase management
 - Refactoring
 - Component tests
 - System tests
- **Support for the platforms MS Windows, HP-UX, Linux, Solaris, AIX**
- **Development of robust test-cases:**
 - Easy to capture and easy to execute
 - Robust recognition of graphical components even without ,object.name'
 - Capturing and test-case development on a single platform
 - Execution of the test-cases on multiple platforms (MS Win, Linux, HP-UX, Solaris, ...)
 - Execution of captured tests on a different platform
 - Support for localized test-cases
 - Easy to extend
 - Easy to use and / or well-known language for test-cases (Java, Perl, Python, ...)
- **Batch Mode (unattended execution)**
- **Simple installation of the tool**
 - simple mechanism
 - little or no dependencies
- **easy and complete evaluation of test results**
- **Support**
 - prompt & competent support for questions concerning development and execution of test-cases
 - short, reliable development cycles

Unfortunately, many of the well known tools of the more renowned vendors met only parts of the requirements. Especially remarkable during the evaluation was QF-Test's ability to run tests on different platforms. The standard recognition of graphical components is already very powerful. By making use of the Name- and ItemResolver extension API it should be possible - even in intractable situations (none or inconsistent Object Names) - to create a robust test-case that will run reliably even in localized environments.

One can see clearly that the features of QF-Test have been implemented very practically. Only thereby is it possible to very efficiently create test-cases, which - during the usual changes of software throughout its life-cycle (a number of years in the current case!) - can always be adapted to the latest version with low maintenance overhead. Additionally, QF-Test's plugin interface opens the way for integration into the existing distributed test framework, so that development of a lot more complex test-cases should be possible.

Therefore, QF-Test came off as the definite winner of the evaluation. The fact that its license and support costs for development and execution were the lowest wasn't even taken into account.