Test Suites

THE *Open* GROUP

Making standards work®

The Open Group Test Suites

Whether you are a supplier who requires formal product certification or an in-house software development organization that wants to improve its quality assurance, The Open Group Test Suites provide valuable assistance in improving product quality, reducing costs, and minimizing time-to-market.

Test Suites are an essential aid for:

- Proper development and maintenance of standards-based products
- Ensuring conformance of products to standards
- Application portability and interoperability

Suppliers who use The Open Group Test Suites will find that conformance testing of platforms and middleware greatly reduces the cost of developing and maintaining multi-platform application software. A further benefit is that testing increases customer satisfaction and keeps development and support costs in check.

The bonus for end-customers is that supplier products are more likely to reduce integration costs and protect investments in applications, software, and people.

The Open Group provides the most reliable, respected, and complete set of Conformance Test Suites used by major IT suppliers today.

Track record

The Open Group has produced Test Suites for the following areas:

- UNIX®
- POSIX®
- POSIX® Realtime
- LSB™
- Linux®
- Embedded Systems
- Motif
- The X Window System
- CORBA
- LDAP
- XHTML/CSS
- HTML
- Browsers
- WAP

Reduced Software Development Costs

Many software development projects will benefit from using The Open Group Test Suites.

The key advantages are:

- Enabling significant savings in engineering costs by integrating regular regression tests into the development and quality assurance processes, and thereby identifying defects early
- Reducing the cost of developing and maintaining multi-platform application software
- Providing the best indicator available of conformance to industry-agreed standards
- Delivering low-cost testing as a result of being automated, so tests can be re-run regularly and cost-effectively
- Providing high-quality assertion-based tests that have been independently developed and aligned to the IEEE POSIX 1003.3 Test Methods
- Significant savings in training engineering staff through use of standard test frameworks such as The Open Group TETware harness and The Open Group XML test engine

More information

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Boundaryless Information Flow

Test Suites

Test suites for conformance certification

Test suites are available for many of The Open Group Product Standards. Under the terms of the Certification Agreement or Trademark License Agreement (TMLA), test results submitted for certification must be produced using the latest versions of the relevant test suite(s).

After certification, The Open Group may request that additional test results be submitted for the certified product. As with initial certification, the test results must be produced with current versions of the test suite(s). To receive these versions, the supplier must have Test Suite License and Test Suite Support and Maintenance Agreements in place.

Test suite agreements

Use of the test suite software is covered by a Test Suite License Agreement. Support and maintenance is provided under a separate Test Suite Support and Maintenance Agreement. Fees for the Test Suites are separate from Certification program fees.

Test Suite License Agreement

The Test Suite License Agreement gives the customer a license to use the test software in-house. Typically, the license is valid for ten (10) years. For most of the test suites, usage may be on a corporate-wide basis or only at a single-user location. The license fee is paid at the beginning of the license period. No further fees apply until the end of the license term, at which point the customer may choose to renew or terminate the license.

Test Suite Support and Maintenance Agreement

Under these terms, The Open Group provides an error report service and software support, as well as regular maintenance releases of the test suites which provide the customer with the most current version. There is an Annual Support Fee for each Test Suite and the Agreement automatically renews unless cancelled by either party in advance of the anniversary.

About The Open Group

The Open Group is a vendor-neutral and technology-neutral consortium, whose vision of Boundaryless Information Flow™ will enable access to integrated information within and between enterprises based on open standards and global interoperability. The Open Group works with customers, suppliers, consortia, and other standards bodies. Its role is to capture, understand, and address current and emerging requirements, establish policies, and share best practices; to facilitate interoperability, develop consensus, and evolve and integrate specifications and Open Source technologies; to offer a comprehensive set of services to enhance the operational efficiency of consortia; and to operate the industry's premier certification service. Further information on The Open Group can be found at www.opengroup.org.

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