OASIS Releases XML DOM Level 1 Conformance Test from NIST

Boston, MA USA; April 2, 2001--OASIS, the XML interoperability consortium, together with NIST, the National Institute of Standards and Technology, added two new test suites for the XML Document Object Model (DOM) Level 1 to the growing collection of OASIS Conformance Tests for XML Technologies. DOM Level 1 provides a standard set of objects for representing HTML and XML documents, a standard model of how these objects can be combined and a standard interface for accessing and manipulating them. The two DOM Level 1 Conformance Test Suites were developed by NIST and submitted to OASIS for the benefit of the entire XML community. They include both ECMAScript and Java tests.

The ECMAScript DOM Test Suite includes over 800 ECMAScript tests, covering fundamental, extended, and HTML interfaces. The tests are non-biased, platform independent and can be downloaded for local use. Additionally, an interactive test harness for IE5 is provided to run the tests and provide instant color-coded results. Although IE5 dependent, the test harness serves as a model from which other test harnesses can be built.

The Java DOM Test Suite also contains more than 200 tests, covering all fundamental and extended interfaces. The tests are organized into a set of classes, one for each interface. The suite includes a test driver that accepts implementations, interfaces and output files.

"Both DOM Level 1 test suites represent a significant addition to the set of OASIS conformance products. NIST is delighted to submit this work to OASIS in support of the Consortium's goal to promote interoperability." said Lynne Rosenthal of NIST, chair of the OASIS Interoperability and Conformance Technical Committee. "These conformance test suites increase the likelihood that software products claiming to adhere to DOM Level 1 are implemented correctly. The tests help developers identify and correct errors before their products ship."

"Recognizing the community's need for reliable, objective conformance information, OASIS applauds NIST for this latest work on DOM Level 1," added Laura Walker, executive director of OASIS. "OASIS is proud to work with NIST to make it easier for organizations to develop and adopt products that conform to the W3C recommendation. The end result of all our efforts is interoperability, and everyone benefits from that."

The DOM Level 1 ECMAScript and Java Conformance Test Suites are publicly available at [http://www.oasis-open.org/specs/conformance.shtml](http://www.oasis-open.org/specs/conformance.shtml) [1].

About NIST
The National Institute of Standards and Technology ([http://www.nist.gov/](http://www.nist.gov/)) is an agency of the U.S. Department of Commerce's Technology Administration. Established in 1901, NIST strengthens the U.S. economy and improves the quality of life by working with industry to develop and apply technology, measurements, and standards. It carries out this mission through a portfolio of four major programs: Measurements and Standards Laboratories, Advanced Technology Program, Manufacturing Extension
Partnership, and Baldrige National Quality Award.

About OASIS
OASIS (http://www.oasis-open.org [3]) is the international, not-for-profit consortium that advances electronic business by promoting open, collaborative development of interoperability specifications. With the United Nations, OASIS sponsors ebXML, a global framework for electronic business data exchange. OASIS operates XML.ORG, the non-commercial portal that delivers information on the use of XML in industry. The XML.ORG Registry provides as an open community clearinghouse for distributing and locating XML application schemas, vocabularies and related documents. OASIS serves as the home for industry groups interested in developing XML specifications. OASIS technical work embraces conformance, security, business transactions, repositories and other interoperability issues.


For more information:
Carol Geyer
Director of Communications
OASIS
carol.geyer@oasis-open.org [4]
+1 978.667.5115 x209

###

Links:
[4] mailto:carol.geyer@oasis-open.org