OASIS Interoperability Demos Showcase CAP, ebXML, WS-Reliability, WS-CAF, and WSRP at XML 2004

Anteon, BEA, Fujitsu, Hitachi, IBM, IONA, NEC, NIST, Oracle, PeopleSoft, Sun Microsystems, Vignette, and Others Demonstrate Interoperability of Open Standards

WASHINGTON, DC, USA; 19 NOVEMBER 2004--OASIS members from around the world collaborated on multiple interoperability demonstrations of various OASIS Standards and specifications at the XML 2004 conference this week. Implementations were shown of Web services standards for delivering messages reliably, aggregating content to portals, sharing customer data, and disseminating emergency event information in scenarios that ranged from a retail shopping experience to a chemical contamination event.

"The majority of these InterOps showcased work that has already attained the level of an approved OASIS Standard. Clearly, we're seeing exciting progress in the maturity of Web services," noted Jamie Clark, director of standards development at OASIS. "It's also significant to note that we're not just seeing implementations of standards being applied to broad, foundational challenges. We're also witnessing the development and application of XML standards to solve specific industry needs."

Demo #1: Web Services for Remote Portlets (WSRP) OASIS Standard
BEA, IBM, Oracle, PeopleSoft, Sun Microsystems, Vignette, and others acted as both WSRP Producers and Consumers to demonstrate how WSRP can be used to define an

interface and protocol for accessing remote aggregatable, interactive, presentation-oriented content sources. Their WSRP implementations showed content sources being deployed in a way that allowed portals to quickly incorporate the information into pages served to end users.

Demo #2: Common Alerting Protocol (CAP) OASIS Standard

In this InterOp, Anteon and other OASIS members simulated a chemical event utilizing plume modeling to demonstrate how CAP employs XML to communicate key emergency event data to a variety of systems. A CAP message containing the affected areas, severity, etc. was posted on a central server, then players extracted the data, activated alert/notifications systems, and displayed incident management information.

Demo #3: WS-Composite Application Framework (WS-CAF)

IONA, Oracle, and others each provided separate Web-based storefronts that used WS-CAF to share customer information, such as such as username/password, credit card data, and shopping cart contents. The customer was able to purchase goods from every store as if he or she was interacting with a single storefront.

Demo #4: WS-Reliability OASIS Standard

Fujitsu, Hitachi, Oracle, and NEC demonstrated the use of WS-Reliability to guarantee message delivery over the Internet, enabling companies to conduct reliable business-to-business trading or collaboration using Web services.

Demo #5: ebXML Implementation, Interoperability and Conformance

Fujitsu and NIST demonstrated how the OASIS ebXML IIC Test Framework is used to conduct remote ebXML testing, either for conformance or interoperability. NIST's test driver implementation allowed test cases using XML markup to be scripted. Black-box conformance testing of the Hermes open source ebXML Messaging server software was also shown.

Demo #6: ebXML Registry OASIS Standard

Here, ebXML Registry was demonstrated in tandem with ebXML Message Service (ebMS), Collaborative Partner Profile Agreement (ebCPPA), Business Process Specification Schema (ebBPSS), and Content Assembly Mechanism (CAM) specifications to manage a large community of participants in a typical e-Service and e-Business system, such as the DOD EMall. The service provider deployed the Registry, allowing partners to quickly join the community and integrate their own applications into the e-Service network. Partners selected the business process they wanted to use, picked the versions of transactions they supported, tested compliance, certified their ebMS systems, and then created CPPA definitions and began interacting.

In other XML 2004 news, Robin Cover was awarded the XML Cup for contributions to the XML community. Cover is managing editor of the Cover Pages, http://xml.coverpages.org/, a comprehensive online resource that has served for more than 13 years as the chronicle of the structured information standards community. The Cover Pages is hosted by OASIS and sponsored by its members, Innodata Isogen, SAP, and Sun Microsystems.

About OASIS:
OASIS (Organization for the Advancement of Structured Information Standards) is a not-for-profit, international consortium that drives the development, convergence, and adoption of e-business standards. Members themselves set the OASIS technical agenda, using a lightweight, open process expressly designed to promote industry consensus and unite disparate efforts. The consortium produces open standards for Web services, security, e-business, and standardization efforts in the public sector and for application-specific markets. Founded in 1993, OASIS has more than 3,500 participants representing over 600 organizations and individual members in 100 countries. Approved OASIS Standards include AVDL, CAP, DocBook, DSML, ebXML, SAML, SPML, UBL, UDDI, WS-Reliability, WSRP, WSS, XACML, and XCBF.
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