OASIS

WSDM OASIS InterOp
Web Services Distributed Management

1:30-2:20 PM

Wednesday

14 Sept 2005

White Flint Amphitheater

Enterprise Management World
Bethesda, Maryland, USA

"Web services and SOA are being adopted by companies who view technology as a competitive advantage to drive business revenues. Standards such as WSDM will further drive this opportunity and make it easier for IT professionals to integrate technologies and align with business objectives"

Stephen Elliot
Research Manager
Enterprise Systems
Management
IDC

Five organizations join together for the first time to demonstrate interoperability of the Web Services Distributed Management (WSDM) OASIS Standard at the Enterprise Management World conference. Developed by the OASIS WSDM Technical Committee, the standard enables management applications to be built using Web services, allowing resources to be controlled by many managers, as well as giving managers access to more resources across and between enterprises.

Employing a weather station scenario, the WSDM OASIS InterOp demonstrates how management applications can go beyond centralized monitoring in an agent-based environment to achieve truly distributed, collaborative management in a world composed of both smart and simple resources.

In the demonstration, the client depends on weather station services to send reports. By using WSDM, the manager is able to dynamically discover available weather stations, receive notification when a station is taken down for maintenance, and proactively, automatically redirect the client application to the next best weather station available, based entirely on a response time performance policy.

OASIS InterOp Participants:

DataPower

IBM

hp

HITACHI

TIBCO

For more information:
http://www.oasis-open.org/committees/wsdm

WSDM
Web Services Distributed Management

What does the OASIS Web Services Distributed Management (WSDM) Technical Committee do?

The OASIS WSDM Committee defines standards for the use of Web services within a management system. These break down into two primary areas: using Web services to perform management functions and the management of Web services themselves. Thus, the WSDM OASIS Standard defines two sets of specifications: WSDM: Management Using Web Services (MUWS) and WSDM: Management Of Web Services (MOWS).

WSDM MUWS defines a Web service interface that can be used for any manageable resource and any manager. It enables management applications to be built using Web services and allows resources to be managed by many managers with one set of instrumentation.

WSDM MOWS defines the model for managing Web services as resources, detailing how to describe and access that manageability using MUWS.

What is the status of WSDM?

WSDM 1.0 was approved as an OASIS Standard in March 2005. This status signifies the highest level of ratification. The Committee continues to work on advancing WSDM.

How does WSDM compare with related efforts?

OASIS WSDM Committee members work to ensure that the needs of the Global Grid Forum (GGF), Open Grid Services Architecture Working Group are incorporated in WSDM. The Committee maintains interfaces with other management standards groups (e.g. DMTF) to ensure that the models produced by these groups can be represented using WSDM.

Who benefits from WSDM?

· *Providers of manageable resources* use MUWS to expose the manageability of their resources regardless of how they are instrumented. This preserves their investment in management instrumentation. Because WSDM is described and accessed as a Web service, any management vendor can use the interface, reducing the amount of custom support resources needed.

· *Providers of management software* take advantage of the standard interface(s) to deliver functionality to their users. This increases the number of resources that software can access and, over time, reduces the cost of maintaining support for resource provider-specific instrumentation.

· *Customers of multiple resource providers and multiple management software providers* use WSDM to allow management software from different vendors to interoperate more easily, enabling end-to-end and even cross-enterprise management.

Is WSDM publicly available?

Yes. All documents produced by the OASIS WSDM Technical Committee can be accessed from http://www.oasis-open.org/committees/wsdm. Email archives of the TC's work are provided at http://lists.oasis-open.org/archives/wsdm/.

Who can become involved in WSDM development?

Participation in the OASIS WSDM Committee remains open to all, and suppliers, end-users and system integrators are invited to join OASIS to advance the continued development and adoption of WSDM. OASIS hosts the wsdm-dev mailing list for exchanging information on implementing the standard. Subscribe at http://www.oasis-open.org/mlmanage/.

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