Advancing Open Standards for e-Business

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. Founded in 1993, OASIS now has more than 5,000 participants working in 65+ Committees including:

**OASIS Committees**

- **Asynchronous Service Access Protocol (ASAP)**
  Enabling the control of asynchronous or long-running Web services

- **Biometric Identity Assurance Services (BIAS) Integration**
  Defining methods for using biometric identity assurance in transactional Web services and SOAs

- **Business-Centric Methodology (BCM)**
  Defining methods to acquire interoperable e-business information systems within communities of interest

- **CGM Open WebCGM**
  Advancing the vector graphics standard for online technical documents

- **Code List Representation**
  Defining an XML format for interchange, documentation and management of controlled vocabularies or coded value enumerations in any processing context

- **Content Assembly Mechanism (CAM)**
  Describing machine-processable information content flows into and out of XML structures

- **Customer Information Quality (CIQ)**
  Delivering global, application-independent XML specs for customer information and profile management

- **Darwin Information Typing Architecture (DITA)**
  Advancing a document creation and management spec that builds content reuse into the authoring process

- **DCML Framework**
  Creating an XML data model for exchanging information about the contents of data centers and other IT resources

- **Digital Signature Services (DSS)**
  Defining an XML interface to process digital signatures for Web services and other applications

- **DocBook**
  Providing a system for writing structured documents using SGML or XML

- **ebXML Business Process**
  Providing a standards-based business process foundation that promotes the automation and predictable exchange of business collaboration definitions using XML

- **ebXML Collaboration Protocol Profile Agreement (CPPA)**
  Describing how trading partners engage in e-business collaborations through the exchange of electronic messages

- **ebXML Implementation, Interoperability, Conformance (IIC)**
  Enabling software providers to create infrastructure and applications which interoperate with and adhere to the ebXML specifications

- **ebXML Messaging Services**
  Defining the transport, routing and packaging of e-business transactions

- **ebXML Registry**
  Defining and managing interoperable registries and repositories

- **e-Government**
  Providing a forum for governments to articulate and coordinate requirements for XML and Web services standards

- **Election and Voter Services**
  Enabling the exchange of data for public and private election services

- **Electronic Business Service Oriented Architecture (ebSOA)**
  Advancing architectural patterns for using Service Oriented Architecture in electronic business

- **Emergency Management**
  Enabling information exchange to advance incident preparedness and response to emergency situations

- **Enterprise Key Management Infrastructure (EKMI)**
  Defining symmetric key management protocols

[www.oasis-open.org/join](http://www.oasis-open.org/join)
eXtensible Access Control Markup Language (XACML)
Expressing and enforcing authorization policies for information access over the Internet

Extensible Resource Identifier (XRI)
Defining a URI-compatible scheme and resolution protocol for abstract identifiers used to identify and share resources across domains and applications

Forest Industries
Standardizing electronic transfer of forest industry data from source to customer

Framework for Web Services Implementation (FWSI)
Defining methods and functional components for broad, multi-platform, vendor-neutral cross-industry implementation of Web services

International Health Continuum (IHC)
Providing a forum for the global healthcare community to articulate and coordinate requirements for XML and Web services standards

LegalXML eContracts
Enabling the efficient creation, maintenance, management, exchange, and publication of contract documents and terms

LegalXML Electronic Court Filing
Using XML to create and transmit legal documents among attorneys, courts, litigants, and others

LegalXML eNotarization
Developing technical requirements to govern self-proving electronic legal information

LegalXML Integrated Justice
Facilitating the exchange of data among justice system branches and agencies for criminal and civil cases

Materials Markup Language
Standardizing the exchange of all types of technical metrics and information for raw manufacturing materials

Open Building Information Exchange (oBIX)
Enabling mechanical and electrical control systems in buildings to communicate with enterprise applications

OpenDocument
Developing an XML-based file format specification for office applications

OpenDocument Format Adoption
Collaborating to increase the demand for and availability of products that conform to OpenDocument Format

Product Life Cycle Support (PLCS)
Collaborating on the deployment of an international standard for product data exchange to support complex engineered assets

Production Planning and Scheduling (PPS)
Developing common object models and schemas for collaborative planning and scheduling in manufacturing

Provisioning Services
Providing an XML framework for managing the provisioning and allocation of identity information and system resources within and between organizations

Public Key Infrastructure (PKI) Adoption
Advancing the use of digital certificates as a foundation for managing access to network resources and conducting electronic transactions

RELAX NG
Advancing a lightweight, easy-to-use XML schema language

Remote Control XML
Developing XML-based standards to support the control of devices accessed remotely

Security Services (SAML)
Defining and maintaining a standard, XML-based framework for creating and exchanging security information between online partners

Semantic Execution Environment (SEE)
Developing guidelines, justifications, and implementation directions for deploying Semantic Web services in SOA

SOA Adoption Blueprints
Developing concrete examples of business requirements for SOA implementations

SOA Reference Model (SOA-RM)
Developing a core reference model to guide and foster the creation of specific, service-oriented architectures

Solution Deployment Descriptor (SDD)
Defining a standardized way to express software installation characteristics required for lifecycle management in a multi-platform environment

Tax XML
Promoting interoperability of XML tax-related information

Translation Web Services
Automating the translation and localization process as a Web service
UDDI Specification
Defining a standard method for enterprises to dynamically discover and invoke Web services

UnitsML
Defining an XML-based specification to enable the unambiguous representation of units of measure

Universal Business Language (UBL)
Defining a common XML library of business

Unstructured Info Management Architecture (UIMA)
Standardizing semantic search and content analytics

Unstructured Operation Markup Language (UOML)
Creating an open, XML-based operation standard for unstructured documents

User Interface Markup Language (UIML)
Developing a specification for an abstract meta-language that can provide a canonical XML representation of any user interface (UI)

Web Services Business Process Execution Language (BPEL)
Enabling users to describe business process activities as Web services and define how they can be connected to accomplish specific tasks

Web Services Composite Application Framework (WS-CAF)
Defining an open framework for supporting coordinated and transactional compositions of multiple Web services applications

Web Services Distributed Management (WSDM)
Defining a Web services architecture to manage distributed resources

Web Services for Remote Portlets (WSRP)
Standardizing presentation-oriented Web services for use by aggregating intermediaries, such as portals

Web Services Notification (WSN)
Advancing a pattern-based approach to allow Web services to disseminate information to one another

Web Services Quality Model
Defining common criteria to evaluate quality levels for interoperability, security, and manageability of services

Web Services Reliable Exchange (WS-RX)
Advancing a protocol for reliable message exchange using Web services

Web Services Reliable Messaging (WSRM)
Providing a standard, interoperable way to guarantee message delivery to applications or Web services

Web Services Secure Exchange (WS-SX)
Defining WS-Security extensions and policies to enable the trusted exchange of multiple SOAP messages

Web Services Transaction (WS-TX)
Defining protocols for coordinating the outcome of distributed application actions

XML Localisation Interchange File Format (XLIFF)
Advancing a multi-lingual data exchange standard for localisation

XRI Data Interchange (XDI)
Creating a standard for sharing, linking, and synchronizing data (“dataweb”) over networks using XML documents and Extensible Resource Identifiers (XRIs)
OASIS Web Services Committees
Asynchronous Service Access Protocol (ASAP)
e-Business Service Oriented Architecture (ebSOA)
ebXML Business Process
ebXML Collaboration Protocol Profile Agreement (CPPA)
ebXML Implementation, Interoperability, Conformance (IIC)
ebXML Messaging Services
ebXML Registry
Framework for Web Services Implementation (FWSI)
Open Building Information Exchange (oBIX)
Translation Web Services
UDDI Specification
WS Business Process Execution Language (BPEL)
WS Composite Application Framework (WS-CAF)
Web Services Distributed Management (WSDM)
Web Services for Remote Portlets (WSRP)
Web Services Notification (WSN)
Web Services Quality Model
Web Services Reliable Exchange (WS-RX)
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Web Services Transaction (WS-TX)

OASIS Security Committees
Biometric Identity Assurance Services (BIAS) Integration
Digital Signature Services (DSS)
Enterprise Key Management Infrastructure (EKMI)
eXtensible Access Control Markup Language (XACML)
Provisioning Services
Public Key Infrastructure (PKI) Adoption
Security Services (SAML)
Web Services Secure Exchange (WS-SX)

OASIS Standards Adoption Committees
e-Government
Forest Industries
International Health Continuum (IHC)
Tax XML

OASIS Law and Government Committees
e-Government
Election and Voter Services
Emergency Management
International Health Continuum (IHC)
LegalXML eContracts
LegalXML Electronic Court Filing
LegalXML eNotarization
LegalXML Integrated Justice
Tax XML

OASIS SOA Committees
e-Business Service Oriented Architecture (ebSOA)
Framework for Web Services Implementation (FWSI)
Semantic Execution Environment (SEE)
SOA Adoption Blueprints
SOA Reference Model (SOA-RM)
Web Services Quality Model

OASIS Document-Centric Committees
CGM Open WebCGM
Darwin Information Typing Architecture (DITA)
DocBook
OpenDocument
OpenDocument Adoption
Universal Business Language (UBL)
Unstructured Operation Markup Language (UOML) TC

OASIS e-Commerce Committees
Business-Centric Methodology (BCM)
Content Assembly Mechanism (CAM)
Customer Information Quality (CIQ)
ebXML Business Process
ebXML Collaboration Protocol Profile Agreement (CPPA)
ebXML Implementation, Interoperability, Conformance (IIC)
ebXML Messaging Services
ebXML Registry
E-business Service Oriented Architecture (ebSOA)
UDDI Specification
Universal Business Language (UBL)
WS Business Process Execution Language (BPEL)
WS Composite Application Framework (WS-CAF)

OASIS Adoption Services Committees
ebXML Implementation, Interoperability, Conformance (IIC)
Public Key Infrastructure (PKI) Adoption
OpenDocument Adoption