CHEMISTRY

CIDX

ASTRONOMY

Astronomical Dataset

Markup Language

(ADML)

Web Services User Interface

(WSUI)

Web Services for Remote

Portals (WSRP)

Web Services Flow Language

(WSFL)

Web Services Conversation

Language(WSCL)

Business Process Modeling

Initiative (BPMI)

Universal Description

Discovery, and Integratior

Language (WSDL)

Web Service Endpoint Definition (WSEL)

Simple Object Access Protocol

XMLProtocol

XML-RPC

Web Data Distributed

Exchange (WDDX)



CONTENT

CONTENT

MANAGEMENT

Content Services

Web Distributed Authoring and Versioning (WebDAV)

DeltaV

DAV Searching and Locating (DASL)

CONTENT

SYNDICATION

Exchange (ICE)

RDF Site Summary (RSS)

SCHEMA & VALIDATION

Schematron

Schema for

Object-oriented XML(SOX)

XMLSchema

RELAXNG



Internet &

COMPUTING

DIRECTORY

Directory Services Markup

Language (DSML)

dirXML

Active Digital Profile(ADPr)

Service Provisioning Markup Language (SPML)

INTERNATIONALIZATION

Translation Memory

DEVICE INTERFACE

Universal Plug-n-Play (UPnP)

DATABASE

XQuery

ommon Warehouse Metadata

Interchange (CWMI)

INSTANT

MESSAGING / P2P

Instant Messaging and Presence Protocol (IMPP)

SILVER **SPONSORS:**

I PARASOFT

DOD CompTIA

CONFERENCE + EXPO

PRODUCED BY:



Application Development Trends

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KEY XML SPECIFICATIONS AND STANDARDS © Zapthink 2002

Public Sector LIFE SCIENCES FINANCE CUSTOMER INFO Travel / Food MATH & SCIENCES Publishing LAND / FINANCIAL & PRINT Вютесн **L**EGAL **CONSTRUCTION** Transactons **CPExchange** FINANCIAL Insurance BIOML LegalXML NewsML Open Travel Alliance (OTA) MATH & Financial Products ML **DOCUMENTS** ACORD (FpML) ExtensibleName/Address Architecture, Engineerng Construction XML NUMERICS Lnagueg (xNAL) GOVERNMENT Sequence ML(BSML) Interactive Financia **Extensible Business** RecipeML REAL ESTATE (aecXML) MathML Exchange (IFX) Reporting Language (XBRL) GAME Language (EML) Extensible Customer papiNet OpenFinancial Extensible Data Format Mortgage Industry GEML nformation Language LandXML Exchange (OFX) Parliamentary Language Research Infomation (xCIL) Org.(MISMO) HUMAN RESOURCES Exchange ML(RIXML) (ParlML) OMDoc DocBook ISO 15022 XML Navigation Markup Language (NVML) Extensible Customer EDUCATION OpenMath FinXML HEALTHCARE Information Research Real Estate Transaction Relationship Language Open eBook ML(RETML) HR-XML Schools Interoperability (xCRL) MDDL Forum (OeBF) Format (SIF) Health Level 7 (HL7)

SECURTY

ENCRYPTION

XML Key Management

XMLEncryption

E-MARKETPLACES E-COMMERCE / EDI ROSETTANET ARIBA cXML XML/EDI Open Applications CommerceOne xCBL Group (OAGIS) XML Voucher Data Dictionaries Open Buying on the Internet (OBI) Internet Open Trading Protocol (IOTP) Universal Business Lannguage (UBL) WEB SERVICES Web Services for Interactive Applications (WSIA) Web Services Experience Language (WSXL)

Partner Interface Process (PIP)

Partner Interface Process (PIP)

RosettaNet Implementation

Framework (RNIF)

TRANSPORT

PROTOCOL

EBXML* **Business Transaction** Protocol (BTP) **Business Process**

Specification Schema

(BPSS)

Registry / Repository

Collaboration Protoco

Profile / Agreement

(CPP/A)

Message Service

Specification (MSS)

DOCUMENT LINKING

XLink

XPath

XPointer

Blocks Extensible Exchange

Protocol (BEEP)

(HTTP / SMTP / FTP)

AUTHENTICATION XMLDigital Signature Open Applications Group (OAGIS) XMLCommon Biometric Format (XCBF)

> **A**UTHORIZATION Security Assertion Markup Language (SAML) Extensible Access Conrtol

> > **PRIVACY**

Preferences (P3P) Plaform for Internet Content Selection (PICS)

MANAGEMENT xtensible Rights Management Language (XrML)

DIGITAL RIGHTS

DOCUMENT-ORIENTED SPECIFICATIONS

SEMANTICS

Presentation

GRAPHICS / **M**ULTIMEDIA

Graphics (SVG) Synchronized Multimedia Integration Language (SMIL)

Extensible 3D (X3D) Virtual Reality Markup Language (VRML)

WEB

XHTML

XForms

LogML

VOICE

VoiceXML

Speech Application

Language Tags (SALT)

Call Control XML(CCXML)

TELECOMMUNICATIONS

Language (WML)

Call Processing Language (CPL)

Resource Description Framework (RDF)

RESOURCE

DESCRIPTION

ONTOLOGY Darpa Agent Markup Language +Ontology ference Layer (DAML+OIL

Ontology Web Language (OWL) ISO 13250

Ontology Markup Language (O

TOPIC MAPS XML Topic Maps (XTM)

LEGEND OF SPECIFICATIONS:

> (DISA) **IDEAlliance**

Data Interchange

Standards Association

Internet Engineering Task Force (IETF)

International Organization for Standardization (ISO)

Organization for the Advancement of Structured Information Standards (OASIS)

World Wide Web Consortium (W3C)

Other ebXML specifications are jointly managed by OASIS and UN/CEFACT

ABOUT THIS POSTER

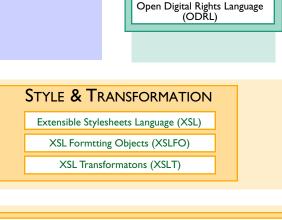
With over 450 XMLstandards in existence, it's hard to figure out what they all do, and on which to focus. In this poster, ZapThink identifies some of the key standards impacting the industry today, and how they relate to each other.

The standards landscape is constantly shifting, and this poster provides the best way to view it all in a single glance.

The XML standards landscape can be divided into four main sections:the Core XI standards that establish basis for all XML-based technologies, Message-oriented Specifications that allow machines to communicate with each other, Document-oriented Specifications that help provide meaning to document content, and Community Vocabularies that help vertical industries, communities, and user groups of all types communicate. In addition,this poster identifies the key specification creating bodies and the specifications they originate.

In this poster, we have represented over 135 of the key specifications influencing the standards landscape. We have done our best to accurately represent the standards on this poster, but with the landscape changing frequently, this represents a snapshot in the timeline of

Please submit feedback, corrections, suggestions, or compliments to info@zapthink.com



EXTENSIBLE MARKUP LANGUAGE (XML)