

**ORACLE FUSION MIDDLEWARE**  
 Oracle Application Server 10g  
 Integration B2B  
**B2B Glossary of Terms**  
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## B2B Glossary of Terms

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## Glossary

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### **Application-to-Application Integration (A2A)**

See EAI

### **Application Service Provider (ASP)**

A company offering management and maintenance of hosted software applications over the Web, including the application and necessary hardware resources.

### **Business Object Document (BOD)**

The Open Applications Group (OAG) Business Object Document (BOD) is the architecture used to communicate messages or business documents between software applications or components. Each BOD includes supporting details to enable the destination business application to accomplish the action.

### **Business-to-Business (B2B)**

Term often used to describe websites that sell services to other businesses. A business is serving other businesses as opposed to consumers.

### **Chemical Industry Data Exchange (CIDX)**

CIDX is a trade association and standards body focused on realizing transactional efficiency throughout the global chemical industry supply chain.

### **Collaboration Protocol Agreement (CPA)**

An ebXML standard, the CPA defines a Trading Partner's capabilities and the collaborations they support.

### **Collaboration Protocol Profile (CPP)**

An ebXML standard, the CPP describes the capabilities of a Trading Partner.

### **Document Type Definition (DTD)**

The Data Type Definition (DTD) is used to describe the elements and attributes allowed in an XML document.

### **Enterprise Application Integration (EAI)**

The plans, methods, and tools aimed at modernizing, consolidating, and coordinating the computer applications in an enterprise, usually with an eye toward transitioning from legacy applications to those that install e-business processes within the organization.

### **Electronic Business Extensible Markup Language (ebXML)**

Sponsored by UN/CEFACT and OASIS, a modular suite of specifications that enable enterprises of any size and in any geographical location to conduct business over the Internet.

### **Electronic Data Interchange (EDI)**

The automated exchange of any predefined and structured data for business among information systems of two or more organizations.

**eXtensible Markup Language (XML)**

Extensible Markup Language (XML) is a meta data language, approved as a standard by the World Wide Web Consortium in February 1998. Since XML is database-neutral, operating system-neutral and device-neutral, it is an effective tool for defining heterogeneous interoperability. For further information see: <http://www.w3.org/XML/>

**HyperText Markup Language (HTML)**

A collection of tags typically used in the development of Web pages.

**Hypertext Transfer Protocol (HTTP)**

One of the TCP/IP protocols used to fetch hypertext objects from remote hosts.

**Secure Hypertext Transfer Protocol (HTTP/S)**

This is HTTP with a security protocol.

**Internet Service Provider (ISP)**

A company that provides access to the internet.

**Lightweight Directory Access Protocol (LDAP)**

An open standard client-server protocol for accessing online directory services over the TCP/IP network protocol and providing a way for internet clients, applications, and Web servers to access directory listings of internet users

**Multipurpose Internet Mail Extensions (MIME)**

A protocol for allowing e-mail messages to contain various types of media: text, audio, video, images, etc.

**Open Applications Group (OAG)**

The Open Applications Group is a non-profit consortium focusing on best practices and processes based on XML content for eBusiness and Application Integration. We have over 6 years of extensive experience in building industry consensus for business software application interoperability and have developed a repeatable process for quickly developing high quality business content and XML representations of that content. For further information see:

<http://www.openapplications.org>

**Open Applications Group Integration Specification (OAGIS)**

OAG publishes the standardized interoperability points between business applications', which is referred to as the Open Applications Group Integration Specification (OAGIS). This document describes integration scenarios, support XML, meta data standards, etc. Oracle Applications uses OAGIS as a guideline for the integration. For further information see:

<http://www.openapplications.org/oagis/>

## **Organization for the Advancement of Structured Information Standards (OASIS)**

OASIS is a not-for-profit, global 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. OASIS produces worldwide standards for security, Web services, XML conformance, business transactions, electronic publishing, topic maps and interoperability within and between marketplaces.

## **Partner Interface Process**

RosettaNet Partner Interface Processes® (PIPs®) define business processes between trading partners.

PIPs fit into seven Clusters, or groups of core business processes, that represent the backbone of the trading network. Each Cluster is broken down into Segments cross-enterprise processes involving more than one type of trading partner. Within each Segment are individual PIPs.

PIPs are specialized system-to-system XML-based dialogs. Each PIP specification includes a business document with the vocabulary, and a business process with the choreography of the message dialog.

## **RosettaNet Business Dictionary**

The RosettaNet Business Dictionary defines, the Business Properties, Business Data Entities and, Fundamental Business Data, Entities in PIP Message, Guidelines

## **RosettaNet Implementation Framework**

The RosettaNet Implementation Framework (RNIF) Core Specification is the packaging, routing, and transport of all PIP® messages and business signals

## **RosettaNet Technical Dictionary**

The RNTD provides common properties for defining products for RosettaNet Partner Interface Processes™ (PIPs™).

## **RosettaNet**

A self-funded, non-profit organization, RosettaNet is a consortium of major Information Technology, Electronic Components and Semiconductor Manufacturing companies working to create and implement industry-wide, open e-business process standards. These standards form a common e-business language, aligning processes between supply chain partners on a global basis. RosettaNet is a subsidiary of the [Uniform Code Council \(UCC\)](#)

## **Secure Multipurpose Internet Mail Extensions (S/MIME)**

Secured MIME protocol.

**Simple Mail Transfer Protocol (SMTP)**

A part of the TCP/IP Protocol Suite that describes methods for exchanging a common set of network management information.

**Simple Object Access Protocol (SOAP)**

This is a packaging protocol used in WebService. It uses a combination of XML-based data structuring and the Hyper Text Transfer Protocol (HTTP) to define a standardized method for invoking methods in objects distributed in diverse operating environments across the internet.

**Uniform Code Council Inc. (UCC)**

A standards organization that establishes and promotes multi-industry standards for product identification and related electronic communication.

**Universal Description, Discovery & Integration (UDDI)**

A specification describing a network of information repositories on Web services and how to build such a repository.

**Unified Modeling Language (UML)**

A set of diagrams that communicate requirements regarding a business process.

**Center for Trade Facilitation and Electronic Business (UN/CEFACT)**

Co-sponsor with OASIS of ebXML

**Electronic Data Interchange For Admin., Commerce & Transport (UN/EDIFACT)**

This is the organization that defines and support EDI standards.

**Uniform Resource Locator (URL)**

Text, beginning with the particular protocol to be used to transmit the contents of the address, used to identify an address a Web site.

**Value Added Network (VAN)**

A third party EDI service provider that provides a communication link between companies to enable electronic exchange of business data/documents.

**Voluntary InterIndustry Commerce Standards (VICS)**

VICS establishes cross-industry standards that simplify the flow of product and information in the general merchandise retail industry for retailers and suppliers alike. For further information see: [www.vics.org](http://www.vics.org)

**Web Services Description Language (WSDL)**

An XML language used to describe a Web service and specify how to communicate with it.

**World Wide Web Consortium (W3C)**

The W3C is a vendor-neutral organization that leads the World Wide Web to its full potential by developing common protocols that promote its evolution and ensure its interoperability. Founded in 1994, with more than 400 member organizations around the world, including Oracle, it has earned international recognition for the growth of the Web. Oracle corporation uses XML and DOM standard recommendations defined by W3C. For further information see:

[www.w3.org](http://www.w3.org)

## Acronyms

<b>Acronym</b>	<b>Standards Organization</b>
<b>A2A</b>	See EAI
<b>AS2</b>	Applicability Statement 2
<b>ASP</b>	Application Service Provider (ASP)
<b>B2B</b>	Business-to-Business (B2B)
<b>B2BI</b>	Business to Business Integration
<b>BOD</b>	Business Object Document (BOD)
<b>CIDX</b>	Chemical Industry Data exchange
<b>CPA</b>	OASIS-ebXML Collaboration Protocol Agreement
<b>CPP</b>	OASIS-ebXML Collaboration Protocol Profile
<b>DTD</b>	Document Type Definition
<b>EAI</b>	Enterprise Application Integration
<b>EANCOM</b>	European Article Numbering Association (UK)
<b>ebMS</b>	OASIS ebXML Messaging Services
<b>ebXML</b>	OASIS Electronic Business Extensible Markup Language
<b>EDI</b>	Electronic Data Interchange
<b>EDINT</b>	EDI over the Internet
<b>FTP</b>	File Transfer Protocol
<b>HIPAA</b>	Health Insurance Portability & Accountability Act
<b>HTTP</b>	HyperText Transfer Protocol
<b>HTTPS</b>	Secure Hypertext Transfer Protocol
<b>IMAP</b>	Internet Message Access Protocol
<b>ISP</b>	Internet Service Provider
<b>JCA</b>	Java Connector Architecture
<b>JDBC</b>	Java Database Connectivity
<b>JMS</b>	Java Messaging Service
<b>JTA</b>	Java Transaction Architecture
<b>JTS</b>	Java Transactional Service
<b>LDAP</b>	Lightweight Directory Access Protocol
<b>MIME</b>	Multipurpose Internet Mail Extensions
<b>OAG</b>	Open Applications Group (A non-profit consortium)
<b>OAGI</b>	Open Applications Group Integration
<b>OAGIS</b>	Open Applications Group Integration Specification
<b>OAGIS BOD</b>	OAG Business Object Document
<b>OC4J</b>	Oracle Container for Java
<b>Paye</b>	Inland Revenue (UK)

<b>Acronym</b>	<b>Standards Organization</b>
<b>PIDX</b>	Petroleum Industry Data exchange
<b>PIP</b>	RosettaNet Partner Interface Process
<b>PIP BD</b>	PIP Business Document
<b>RegRep</b>	OASIS ebXML: Registry & Repository Standard
<b>RNBD</b>	RosettaNet Business Dictionary
<b>RNIF</b>	RosettaNet Implementation Framework
<b>RNTD</b>	RosettaNet Technical Dictionary
<b>SMIME</b>	Secure Multipurpose Internet Mail Extensions
<b>SMTP</b>	Simple Mail Transfer Protocol
<b>TRADACOM</b>	A UK based standard, designed for domestic trade
<b>UDDI</b>	OASIS Universal Description, Discovery & Integration
<b>UN/EDIFACT</b>	United Nations EDI Trade
<b>VAN</b>	Value Added Network
<b>VICS</b>	Retail Industry
<b>W3C</b>	World Wide Web Consortium
<b>WS BPEL</b>	OASIS Web Service Business Process Execution Language
<b>WSDL</b>	W3C Web Services Description Language
<b>WS-I</b>	Web Services Interoperability
<b>X12</b>	North American ANSI Standard
<b>X12N</b>	Health Care
<b>XML</b>	eXtensible Markup Language