

8. References

8.1 Normative

RFC-2119

Key words for use in RFCs to Indicate Requirement Levels, S. Bradner, IETF RFC 2119, March 1997

<http://www.ietf.org/rfc/rfc2119.txt>

BPEL4WS

(BPEL4WS) 1.1, IBM/Microsoft/BEA/SAP/Siebel, May, 2003

<http://www-106.ibm.com/developerworks/webservices/library/ws-bpel/>

8.2 Non-Normative

Activity Service

Additional Structuring Mechanism for the OTS specification, OMG, June 1999

<http://www.omg.org>

J2EE Activity Service for Extended Transactions (JSR 95), JCP

<http://www.jcp.org/jsr/detail/95.jsp>

Business Process Definition

Response to OMG BDP RFP, OMG, Sept 2003, bei/03-08-02

<http://www.omg.org>

Business Process Modeling

Jean-Jacques Dubray, "A Novel Approach for Modeling Business Process Definitions," 2002

<http://www.ebpmi.org/ebpmi2.2.doc>

Business Transaction Protocol

OASIS BTP Technical Committee, June, 2002

http://www.oasis-open.org/committees/download.php/1184/2002-06-03.BTP_cttee_spec_1.0.pdf

BPML

(BPML) 1.0, BPMI, January 2003

<http://www.BPMI.org>

Dublin Core Meta Data

Dublin Core Metadata Element Set, Dublin Core Metadata Initiative

<http://dublincore.org/documents/dces/>

ebXML BPSS

Jean-Jacques Dubray, "A new model for ebXML BPSS Multi-party Collaborations and Web Services Choreography," 2002

<http://www.ebpml.org/ebpml.doc>

OMG UML

Unified Modeling Language Specification, OMG, June 1999

<http://www.omg.org>

Open Nested Transactions

Concepts and Applications of Multilevel Transactions and Open Nested Transactions, Gerhard Weikum, Hans-J. Schek, 1992

<http://citeseer.nj.nec.com/weikum92concepts.html>

RDF

RDF Vocabulary Description Language 1.0: RDF Schema, W3C Working Draft

<http://www.w3.org/TR/rdf-schema/>

SOAP 1.2

SOAP Version 1.2 Part 1: Messaging Framework, W3C Working Draft

<http://www.w3.org/TR/soap12-part1/>

SOAP Version 1.2 Part21: Adjuncts, W3C Working Draft

<http://www.w3.org/TR/soap12-part2/>

UDDI

Universal Description, Discovery and Integration, Ariba, IBM and Microsoft, UDDI.org.

<http://www.uddi.org>

URI

Uniform Resource Identifiers (URI): Generic Syntax, T. Berners-Lee, R. Fielding, L. Masinter, IETF RFC 2396, August 1998

<http://www.ietf.org/rfc/rfc2396.txt>

WfMC Glossary

Workflow Management Coalition Terminology and Glossary.

<http://www.wfmc.org/standards/docs.htm>

Web Services Transaction

(WS-Transaction) 1.0, IBM/Microsoft/BEA, August, 2002

<http://www-106.ibm.com/developerworks/webservices/library/ws-transpec/>

WSDL

Web Services Description Language (WSDL) 1.1, W3C Note, 15 March 2001

<http://www.w3.org/TR/wsdl.html>

XML 1.0 (Second Edition)

Extensible Markup Language (XML) 1.0, Second Edition, Tim Bray et al., eds., W3C, 6 October 2000

<http://www.w3.org/TR/REC-xml>

XML-Namespaces

Namespaces in XML, Tim Bray et al., eds., W3C, 14 January 1999

<http://www.w3.org/TR/REC-xml-names>

XML-Schema

XML Schema Part 1: Structures, Henry S. Thompson, David Beech, Murray Maloney, Noah Mendelsohn, W3C, 2 May 2001

<http://www.w3.org/TR/xmlschema-1/>

XML Schema Part 2: Datatypes, Paul V. Biron and Ashok Malhotra, eds., W3C, 2 May 2001

<http://www.w3.org/TR/xmlschema-2/>

XPath

XML Path Language (XPath) 1.0, James Clark and Steve DeRose, eds., W3C, 16 November 1999

<http://www.w3.org/TR/xpath>

XPDL

Workflow Management Coalition XML Process Definition Language.

<http://www.wfmc.org/standards/docs.htm>

9. Open Issues

The following elements or features of BPMN are not fully defined in this version of the specification:

- The behavior and notation of Transactions and their mapping to bpl.
- The set of attributes for flow objects may be updated, including:
 - A more formal mechanism for defining extensions to the graphical elements.
 - Attributes of a Service Task, perhaps defining different types of services (e.g., web service, client applications, etc.).
 - Attributes of a User Task (workflow attributes).
 - Attributes of a Task relating to choreography business processes (e.g, Abstract Tasks).
 - Attributes of a Complex Gateway.
- Completed Mapping to Languages for executable business processes (BPEL4WS)
- Mapping to Languages for abstract business processes (BPEL4WS).
- Mapping to Languages for choreography businesses processes (e.g., ebXML BPSS).
- Specification of BPMN as an XML language layer above BPM execution languages (BPEL4WS).

