



Deployment Profile Templates v1.1

For OASIS ebXML 2.0 Specifications

Public Review Draft 01, 04 December 2006

Artifact identifier:

ebXML_DPT-v1.1-Intro-wp-pr-01

Location:

http://www.oasis-open.org/committees/documents.php?wg_abbrev=ebxml-iic

Artifact Type:

White Paper

Technical Committee:

OASIS ebXML Implementation, Interoperability and Conformance (IIC) TC

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Abstract:

Introduction to the set of Deployment Profile Templates produced by this Technical Committee for use with the ebXML 2.0 specifications.

Status:

This document was last revised or approved by the OASIS ebXML IIC TC on the above date. The level of approval is also listed above. Check the current location noted above for possible later revisions of this document. This document is updated periodically on no particular schedule.

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1 Introduction

The heterogeneous nature of eBusiness transactions requires a flexible infrastructure/framework that supports simple service calls and complex document exchange. To support that goal, the Electronic Business (eBusiness) eXtensible Markup Language (XML) [ebXML] set of specifications was developed to enable electronic trading relationships between business partners and integrate new technologies.

- Communicate data in common terms (Core Components)
- Register and provide eBusiness artifacts and services (ebXML Registry Services and Registry Information Model)
- Configure technical contract between business partners (Collaboration Protocol Profile and Agreements)
- Provide secure and reliable transport (ebXML Messaging Service)
- Enable business processes (ebXML Business Process Specification Schema)

In the realm of eBusiness, key integration patterns and technology has been realized and will realize SOA benefits in a pragmatic iterative manner. To promote use of independent yet aligned technologies, the ebXML IIC has created deployment profile templates to enable user communities to specify their use of these specifications. Each Deployment Profile Template created thus far is based on a template outline.

Three Deployment Profile Template have been created:

- Deployment Profile Template for ebMS 2.0
- Deployment Profile Template for CPPA 2.0
- Deployment Profile Template for ebBP 2.0

A user community may use any of these templates to derive a Deployment Guide from it (or Deployment Profile Guide), that is specific to this community and that defines practical details on how this community is intending to apply the corresponding ebXML specification to do business.

More precisely, each one of the above templates allows user communities to effectively understand key functionality and tailor the use of each specification based on their technical requirements. It also identifies operational and business aspects that may impact the specification usage or further profile their business practices. For example, in a Deployment Guide derived from an above Template, a user community may require use of specific optional features, prohibit the use of other options, profile the content of some message headers, identifies the process for validating new artifacts such as message payloads, etc. These templates were developed to foster interoperability on multiple levels between participants, enable runtime collaboration, and document conventions associated with business processes and content.

2 References

Specification Public Web Sites

OASIS ebXML Messaging Services (ebMS) Technical Committee:

http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=ebxml-msg

OASIS ebXML Collaboration Protocol Profile and Agreements (ebCPPA) Technical Committee:

http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=ebxml-cppa

ebXML Business Process Specification Schema (BPSS or ebBP) Technical Committee:

http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=ebxml-bp

Base Deployment Template

Metadata for Deployment Profile Templates:

http://www.oasis-open.org/committees/download.php/19253/ebxml-iic-Deployment_Profile_Template-CD.doc

Deployment Profile Templates

The current versions of all ebXML Deployment Profile Templates may be found on the OASIS ebXML Implementation, Interoperability and Conformance (IIC) Technical Committee web site:

http://www.oasis-open.org/committees/tc_home.php?wg_abbrev=ebxml-iic

The Framework for eBusiness

More information on each of these specifications may be found at their respective web sites above, as well as in a white paper published by the OASIS ebXML Joint Committee, available at:

<http://www.oasis-open.org/committees/download.php/17817/ebxmljc-WhitePaper-wd-r02-en.pdf>

Appendix A.Acknowledgments

In addition to editors or direct contributors, the following individuals were members of the committee during the development of this specification or of a previous version of it:

Appendix B.Revision History

Rev	Date	By Whom	What