

Inside the BPMN 2.0 Specification

This poster illustrates the content and main structure of the OMG's 508-page specification for BPMN 2.0, which is available at the following URL: www.omg.org/spec/BPMN/2.0



EXCHANGE FORMATS

In practice, it is common for models to be interchanged before they are complete. This occurs frequently when doing iterative modeling, where one user first defines a high-level model, and then passes it on to another user to be completed and refined. Such "incomplete" models occur when not all mandatory attributes have been filled in, or when the cardinality lower bound of attributes and associations has not been satisfied. XML allows for the interchange of such incomplete models.

a. Changes from BPMN 1.2.2 Pages

- The major notational changes include:
- The addition of a choreography diagram
 - The addition of a conversation diagram
 - Non-interrupting events for a process
 - Event sub-processes for a process

The major technical changes include:

- A formal meta-model, as shown through the class diagrams
- Interchange formats for abstract syntax model interchange
- Interchange formats for diagram interchange
- XSLT transformations between the XML and XSD formats

b. Diagram Interchange 18 Pages

This annex provides documentation for a relevant subset of an alpha version of a Diagram Definition (DD) specification. The Diagram Definition specification provides a basis for modeling and interchanging graphical notations, specifically node and edge style diagrams as found in BPMN, UML and SysML, for example, where the notations are tied to abstract language syntaxes defined with MOF.

c. Glossary 6 Pages

This annex defines the most common terms used in the specification.