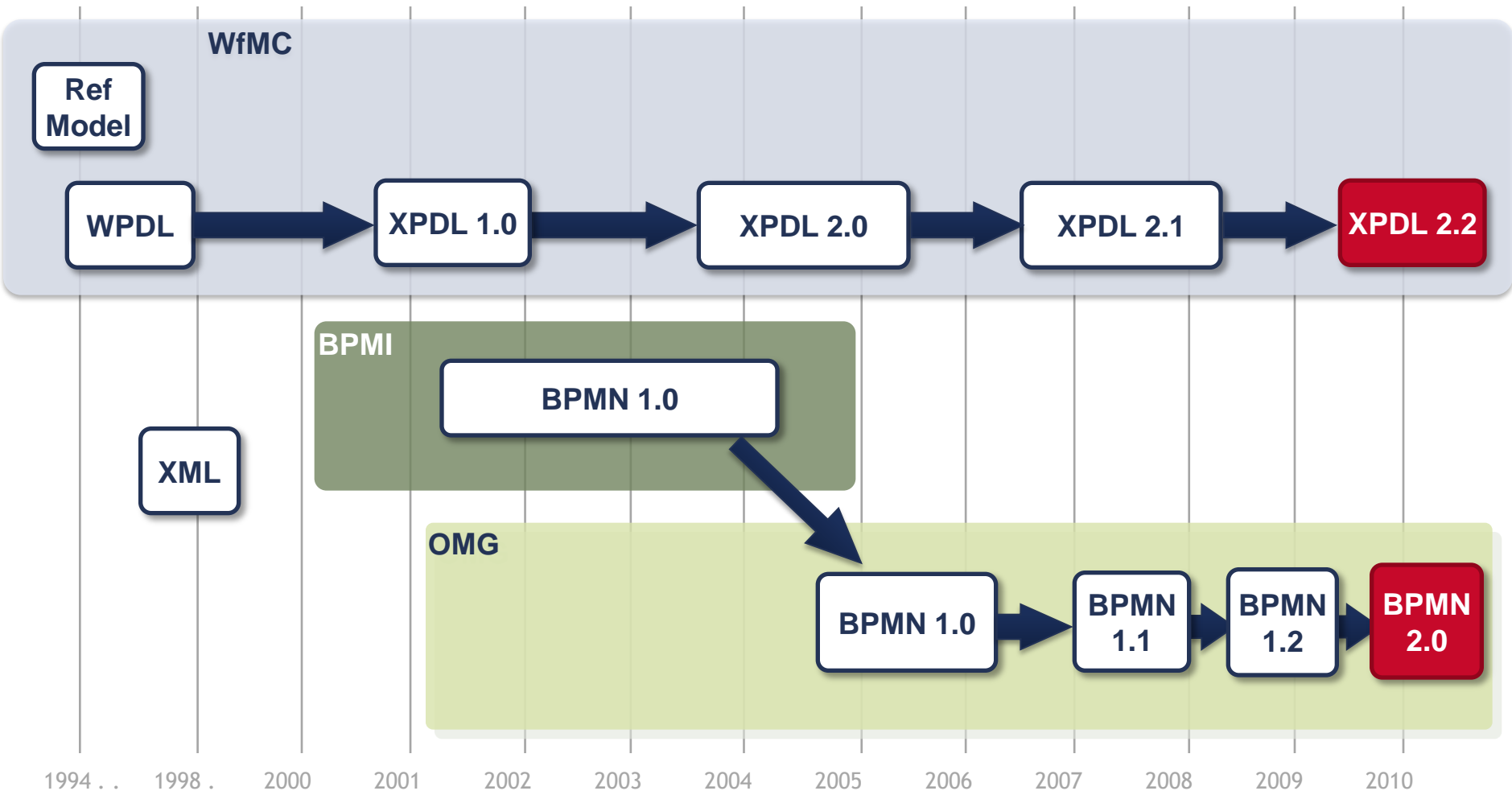


BPMN Timeline



What is the purpose of BPMN?

Business people are very comfortable with **visualizing Business Processes in a flow-chart format**. There are thousands of business analysts studying the way companies work and defining Business Processes with simple flow charts.

This creates a **technical gap** between the format of the initial design of Business Processes and the format of the languages ... that will execute these Business Processes.

This gap needs to be bridged with a formal mechanism **that maps the appropriate visualization of the Business Processes (a notation) to the appropriate execution format (a BPM execution language)** for these Business Processes.

What is out of scope?

- Definition of **org. models** and **resources**
- Models of **functional breakdown**
- **Data & information** models
- Modeling of **strategy**
- **Business rules** models

This is exactly what clients are expecting!



7.1 BPMN Scope

This specification provides a notation and model for **Business Processes** and an interchange format that can be used to exchange **BPMN Process** definitions (both domain model and diagram layout) between different tools. The goal of the specification is to enable portability of **Process** definitions, so that users can take **Process** definitions created in one vendor's environment and use them in another vendor's environment.

The **BPMN 2.0** specification extends the scope and capabilities of the **BPMN 1.2** in several areas:

- Formalizes the execution semantics for all **BPMN** elements
- Defines an extensibility mechanism for both **Process** model extensions and graphical extensions
- Refines **Event** composition and correlation
- Extends the definition of human interactions
- Defines a **Choreography** model

This specification also resolves known **BPMN 1.2** inconsistencies and ambiguities.

BPMN is constrained to support only the concepts of modeling that are applicable to **Business Processes**. This means that other types of modeling done by organizations for business purposes is out of scope for **BPMN**. Therefore, the following are aspects that are out of the scope of this specification:

- Definition of organizational models and resources
- Modeling of functional breakdowns
- Data and information models
- Modeling of strategy
- Business rules models

Since these types of high-level modeling either directly or indirectly affects **Business Processes**, the relationships between **BPMN** and other high-level business modeling can be defined more formally as **BPMN** and other specifications are advanced.

While **BPMN** shows the flow of data (**Messages**), and the association of data artifacts to **Activities**, it is not a data flow language. In addition, operational simulation, monitoring and deployment of **Business Processes** are out of scope of this specification.

BPMN 2.0 may be mapped to more than one platform dependent process modeling language, e.g. **WS-BPEL 2.0**. This document includes a mapping of a subset of **BPMN** to **WS-BPEL 2.0**. Mappings to other emerging standards are considered to be separate efforts.

The specification utilizes other standards for defining data types, expressions and service operations. These standards are **XML Schema**, **XPath**, and **WSDL**, respectively.

We  **BPM**