

# **BPMN**

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# BPMN Goals

- **Provide a notation that is understandable by all business users –business analysts, technical architects, etc.**
- **Bridge the gap between business process design and process implementation**
- **Ensure that processes created using BPMN are executable.**

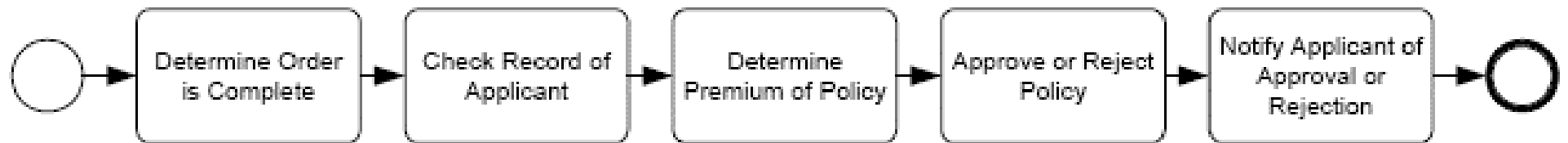
- **BPMN is widely adopted**
  - Adopted by business users
  - Adopted by significant number of BPM Vendors
- **BPMN was adopted by OMG in 2005.**
- **Processes defined using BPMN are executable on different vendor platforms:**
  - Process Engines that support BPMN natively
  - Using mapping to BPEL

# BPMN Features

- **Support for the workflow patterns – split / join, multi instance parallel activities etc.**
- **Support for multiple participants using Pools. Ability to partition pools using lanes.**
- **Ability to send and receive events. Event correlations.**
- **Support for Human tasks**
- **Support for Transactions, Compensations**
- **Timer Events**
- **....**

- **Flow Objects**
  - Events
  - Activities
  - Gateways
- **Connecting Objects**
  - Sequence flows
  - Message Flows
  - Associations
- **Swimlanes**
- **Artifacts**

# Example Process



- **What would you like to see in BPMN in the next 5 years?**
- **What should we include in BPMN for the next major version?**
  - Should we include more diagrams as part of BPMN?
  - Collaboration Diagram?
  - Organization Structure Diagram?
  - Others?