Rules and OMG Standards

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Abstract. The Object Management Group (www.omg.org), founded in 1989, is the largest and longest-standing not-for-profit, open-membership consortium that develops and maintains computer industry specifications. Any organization may join OMG and participate in its standards-setting process. The best-known OMG specifications include the Unified Modeling Language™ (UML®), Model Driven Architecture® (MDA®), Common Object Request Broker Architecture (CORBA®) and Business Process Model and Notation™ (BPMN®). OMG membership includes more than 470 organizations, with half being software end-users in over two dozen vertical markets, and the other half representing almost every large organization in the computer industry and many smaller ones. Most of the organizations that shape enterprise and Internet computing today are represented on OMG's Board of Directors. OMG is an ISO Publicly Available Specification (PAS) submitter, able to submit its specifications directly into ISO's fast-track adoption process. OMG's UML, MetaObject Facility (MOF™) and Interface Definition Language (IDL™) specifications are already ISO standards and ITU-T recommendations. This presentation is focused on OMG specifications that are about rules, including:

- Semantics of Business Vocabulary and Business Rules (SBVR™);
- Production Rule Representation (PRR™);
- Business Motivation Model (BMM™);
- Related work-in-progress and requests for proposals.

It will describe what these specifications contain, and how they are related to other OMG specifications and to the wider realm of rules-related standards.