

Goals for a New Paradigm of Behavior Modeling

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Abstract. The goal of this approach is to develop a new paradigm integrating the practices of business process modeling and use case modeling. These two modeling approaches describe the behavior of organizations and systems, and their interactions, but rest on different paradigms and serve different needs. An integrated approach would have advantages in efficiency, consistency and completeness of the overall behavioral model. In many cases, business process modeling is employed as a precursor to the development of a system to be used in a business organization. Developing a new paradigm and modeling approach that achieves the objectives of both business process modeling and use case modeling in an integrated form, in one analysis pass, should result in time savings, increased accuracy and improved communication. This paper presents a set of goals for the new paradigm and modeling approach.