Event-Driven Rules: Experiences in CEP

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Abstract. Event Driven Architectures (EDA) and Complex Event Processing (CEP) are demonstrating interesting alternatives to the app-server-executing-business-logic approaches that are used in both business and cloud IT deployments today. Applying rules (and rule-based inferences) to events is a natural solution for business event processing, and the benefits of the “event-decision-action” pattern enabled by rules have proved very useful in a number of application cases. Here we introduce how rule-driven CEP is becoming a leading application area for rule technology together with some recent case studies on how declarative rules provide a suitable knowledge representation for event-driven processes in business applications.