

Rules-driven processes - augments the value of BPM



- ▶ Business Rules: complementary + orthogonal to BPM
 - ▶ BPM = flow-driven vs Business Rules = declarative
 - ▶ Business Processes utilize Rule-driven services
 - ▶ Rules reused across processes => encourages re-use
- ▶ Business ownership:
 - ▶ Business Rule Management = business rules + repository + business user interface (eg RMA)
 - ▶ Business managers view / edit / test / control / deploy the rules into pre-specified business processes
 - ▶ BPM users configure which rule services are used in which processes

BPMI Think Tank and Fair Isaac Corporation, 2006.

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Rule roles in process mgmt - when to use rules over process flows



- ▶ Rules are used for handling:
 1. Complex / declarative logic (eg pricing, selection etc)
 2. Business-managed logic (eg where decisions are declarative rules)
 3. Decision metaphors (eg decision trees, tables etc)
 4. Generated decision mechanisms (eg analytic models)
 5. Across-flow event rules
 6. QOS / SLA decisions for invoking other processes / services
 7. Workflow choices (eg operator to take call etc)
- ▶ When is BRM/BRE used:
 - I. Business rules re-used across processes / applications / channels*
 - II. Rules change frequently: cost of change vs opportunity cost*
 - III. Governance / complexity / management issues*

BPMI Think Tank and Fair Isaac Corporation, 2006.

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Typical BR Questions

- A. What methodology to use across processes & rules?
- B. Whether to use BPM + BRM or combined tools?
- C. What standards are there in rules representation and rules management?
- D. How can I use externalized business rules to assist in my legacy systems migration efforts?
- E. Can I use my BPM software to handle business rules?
- F. What is future of modeling and simulation for business rules management systems?
- G. What business optimization mechanisms generate business rules?
- H. Deployment: in-process or distributed web services or other?