

Modeling Dynamic Business Rules using A Dynamic Knowledge Approach

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Background and Aim :Business Rules are formal statements about the data and processes of an enterprise. They present projections of the organization's constraints and ways of working on their supporting information systems. Therefore, their collection, structuring and organization should be central activities within information systems. In an enterprise, business rules are used to represent certain aspects of a business domain (static rules) or business policy (dynamic rules). Hence, regarding problem domains in the organization, business rules are classified into two groups: static and dynamic business rules.

Methods: In this paper, we focus on such business rules and use Mineau's approach to model them. Mineau's approach is an extension of Sowa's Conceptual Graph theory.

Results: The paper introduces a new concept of business rules, Extended Dynamic Business Rule (EDBR) which contains the results of the occurrence of business rule's action.