



Semantics of Business Vocabulary and business Rules (SBVR)

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Outline

Scope

Relevantie

Definitions

Bedankt voor uw aandacht

Scope

Scope

- **Purpose:** definiëren van vocabulary en regels -> semantiek
documenteren van bedrijfsvocabulary en -regels
- **Goal:**
 - uitwisselen van vocabulary en regels tussen organisaties en software tools
 - bedrijfsregels begrijpbaar maken voor niet-IT werknemers

Hoe?

- Vocabulary
- Semantische regels over vocabulary

Example

Expansion: Creating custom vocabularies

car movement

- Definition: planned movement of a rental car of a specified car group from a sending branch to a receiving branch
- Reference Scheme: movement-id
- Description: A car movement meets the business requirement that a car of a given group has to be moved between branches (“we need to move a full-size car from the London City branch to the Heathrow Airport branch”). A specific car will be assigned to it at some time, not necessarily when the requirement is first identified.
- Note: car movements play roles in both ‘rental’ and ‘car transfer’ and car movements are scheduled in these roles.

car movement has movement-id

- Necessity: Each car movement has exactly one movement-id.

car movement has receiving branch

- Necessity: Each car movement has exactly one receiving branch.

car movement has sending branch

- Necessity: Each car movement has exactly one sending branch.

car movement specifies car group

- Synonymous Form: car group is specified in car movement
- Necessity: Each car movement specifies exactly one car group.

Relevantie

Bedrijfsregels: Waarom?

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Definitions

Belangrijke Aspecten

- Formal logic
- Recognition of user sub-communities
- Body of shared meanings
- Logic-based formulation allowing multiple representation forms
- Business representation of the logical formulation of the semantics that is non-ambiguous for all sub-communities

Bouwstenen SBVR Modellen

1. Vocabularies and terminology dictionaries
2. Noun and verb concepts
3. Definitional and operational business rules

Vocabularies and terminological dictionaries

Noun and verb concepts

Definitional and operational business rules

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