

MOKi

the Modelling WiKi ---

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Introduction and Motivations

- **Enterprise modelling**: modelling the relevant aspects of an enterprise.
- Enterprise modelling is a **collaborative** activity involving a team of modellers.
- Our collaborative modelling paradigm:
 - **asynchronous** collaboration toward the creation of the enterprise model;
 - specification at different **degrees of formality**;
 - **automatized alignment** between informal/formal specification.

MoKi: the Modelling Wiki

- It supports our collaborative paradigm.
- It currently supports the creation of integrated **domain** and **process** models.
- It is built on top of **Semantic MediaWiki**.

A domain concept page

Modify Concept: Workshop

Annotations

Description: An educational seminar or series of meetings emphasizing interaction and exchange of information among a usually small number of participants

Synonyms:

Hierarchical Structure

Is a: Event

Is part of:

Properties

Property: participant

Property target: Person,

Remove

Add another

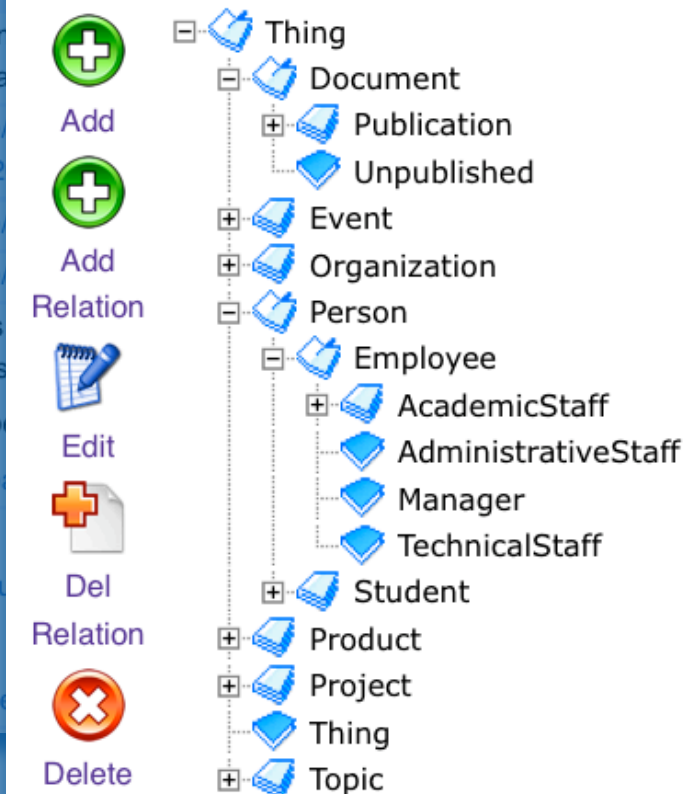
- Similarly for properties and processes.

List domain concepts

Number of concepts in the Domain Model: 71

☒ Concept	☒ Description
Misc	Work of another or undetermined the scheme is not explicitly stated
UndergraduateIntermediateClass	see: http://www.neurolabor.de/cgi-bin/dict/urlexp/200307052
UndergraduateAdvancedClass	see: http://www.neurolabor.de
GraduateClass	see: http://www.neurolabor.de
Topic	If changing this concept (or its ontology) depends on the forecast The swrc topic ontology can be found at http://ontoware.org/frs/download.php/1000/swrc-ontology
Document	Dublin Core elements added. See: http://dublincore.org/documents/ for document types see: http://www.bsz-bw.de/diglib/metadata/

Domain Model: Is_a Browser

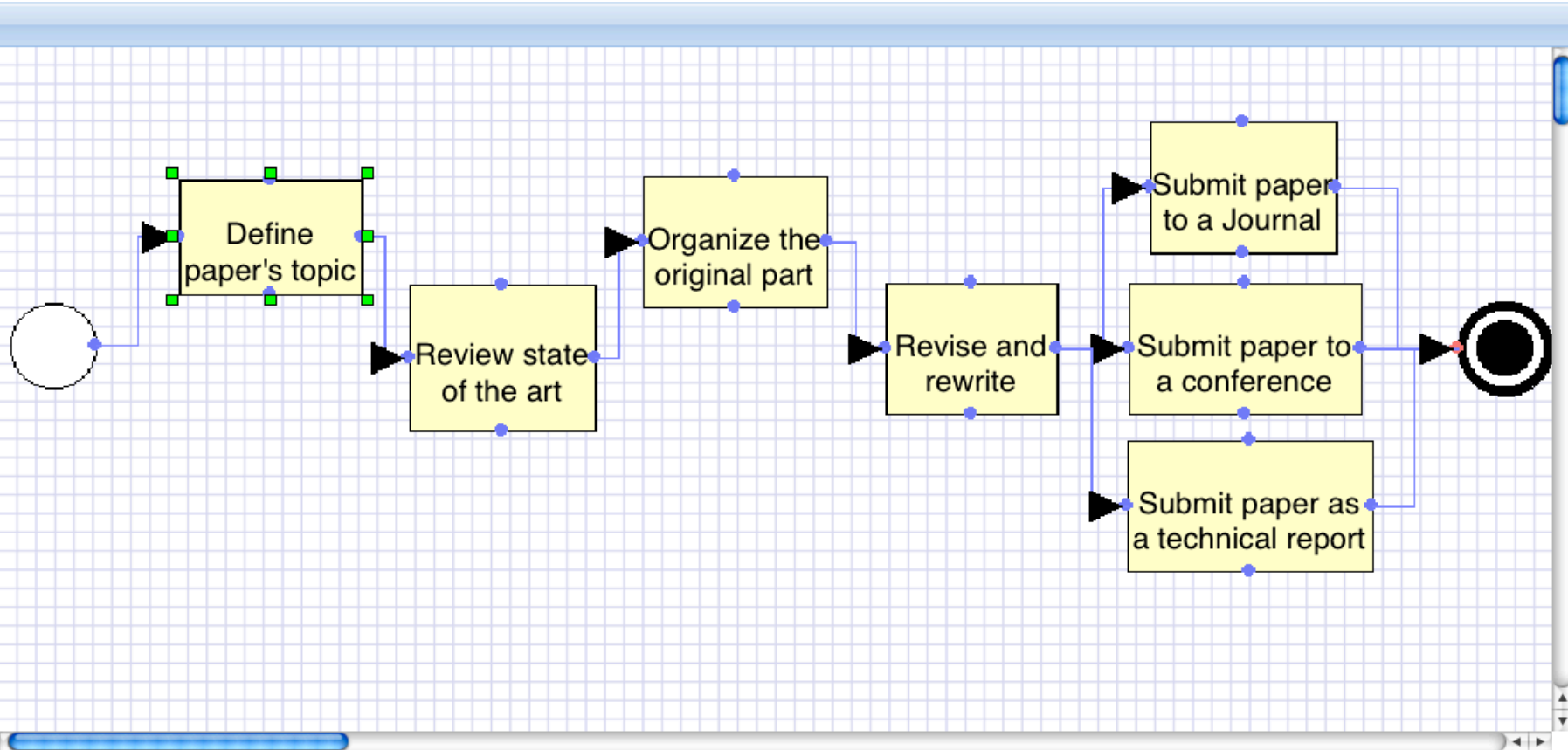


☒ Is
part of

Process editing

Write a paper

Export to eRDF format (for Oryx) Only this process | Sub processes in same file as embedded design



Description: The process of writing a scientific paper

Required concept: [Publication](#), [ResearchTopic](#), [Event](#)

Other Functionalities

- Import:
 - Import of an available **domain ontology**.
 - Input of a **structured lists of elements**.
 - **Text analysis** functionalities.
- Revision:
 - **automatic checks** to verify the quality of the enterprise model.
- Export:
 - **export** of knowledge of the enterprise model (and of its single components) to **an OWL ontology**.
 - The process model can also be exported in **BPMN**.