

A Wiki-Based Conceptual Modeling Tool

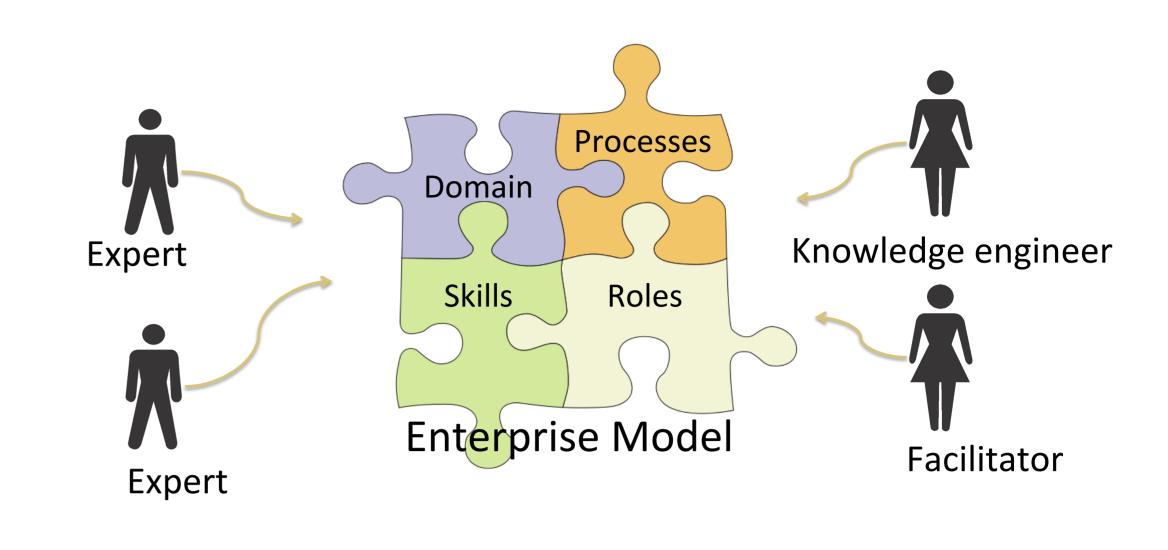
MoKi:

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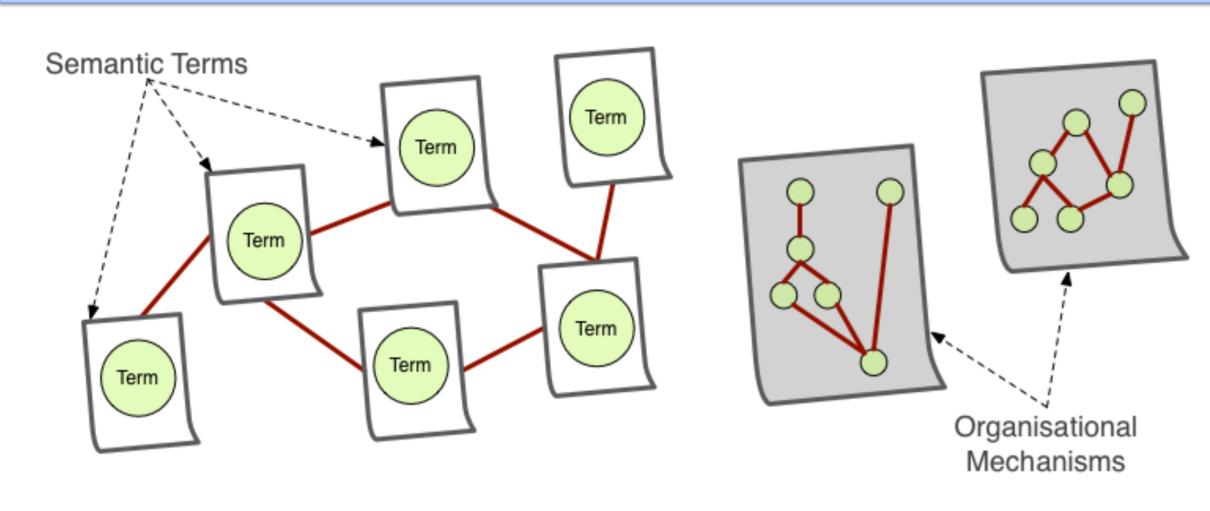


What it is:

MoKi is a tool supporting the the creation of articulated enterprise models through structured wiki pages. Moki enables heterogeneous teams of experts, with different knowledge engineering skills, to actively collaborate by inserting knowledge; transforming knowledge; and revising knowledge at different degrees of formality. The active collaboration is guaranteed by an automatic translation between the specifications provided by the different experts at different degrees of formality, and by facilitating an integrated construction of the different parts of the integrated model.



MoKi - a conceptual modeling wiki:



- Conceptual Modeling Languages are composed of two building blocks:
 - semantic terms;
 - organisational mechanisms.
- MoKi is structured in sets of pages which represent these two building blocks.

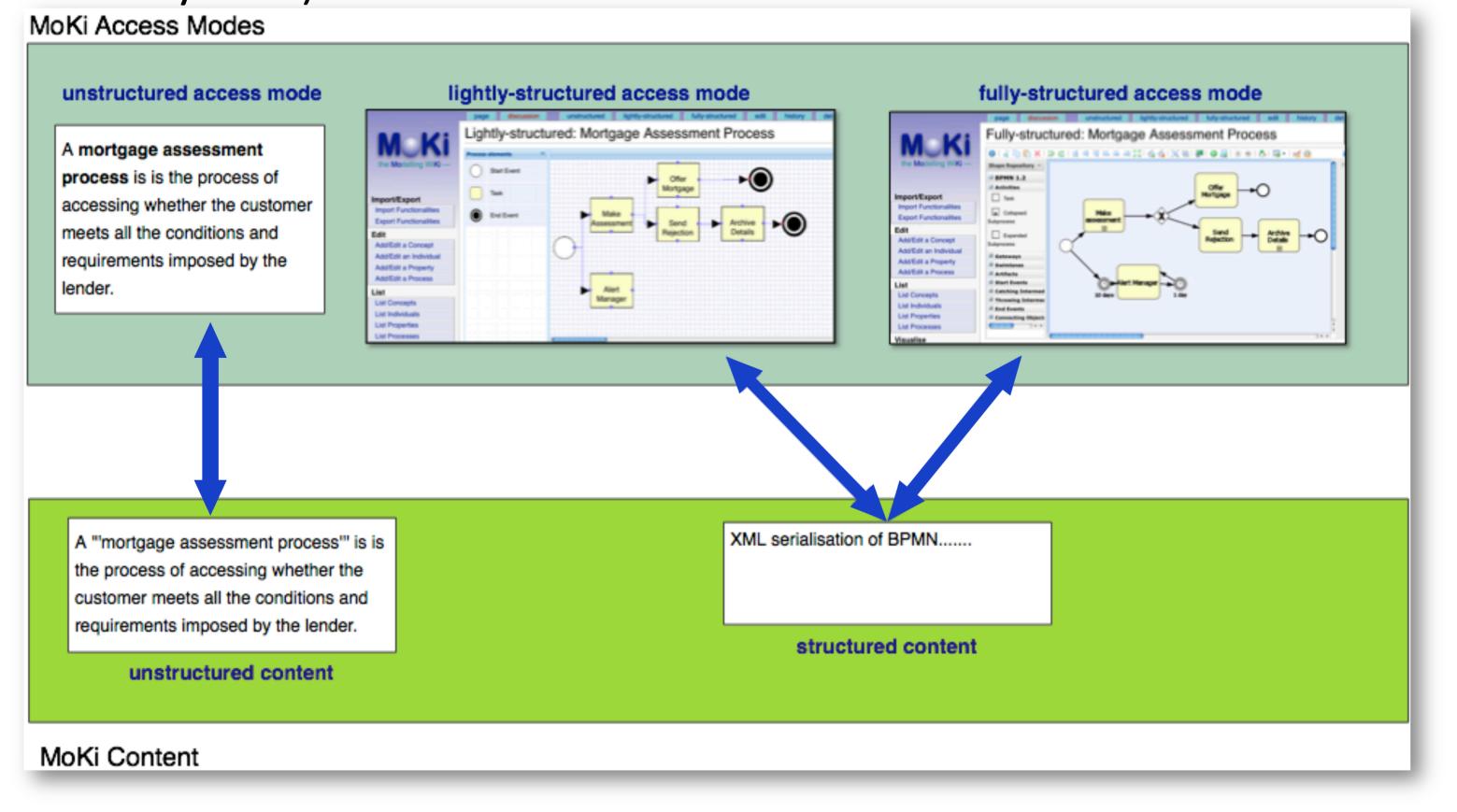
Structuring and accessing wiki pages for terms:

A wiki page for a semantic term is composed of a structured part and an unstructured part, and is accessible via three different access modes:

- unstructured access;
- lightly structured access (for domain experts);
- fully structured access (for knowledge engineers).

Current features:

- Three access modes for OWL ontologies and BPMN processes.
- Import / export of OWL and BPMN models.
- Graphical browsing / editing of domain and process models.
- Term extraction facilities (Kx a Keyphrase eXtraction system).



Usages of Moki

- EU-project APOSDLE (www.aposdle.org)
- EU-project PESCaDO (www.pescado-project.eu)
- EU-project Organic.Edunet (portal.organic-edunet.eu)
- National Project ProDe
- FBK Joint Research Project eOnco

