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This is an iMap about iMapping

# iMapping: a graphical approach to semi-structured knowledge modelling

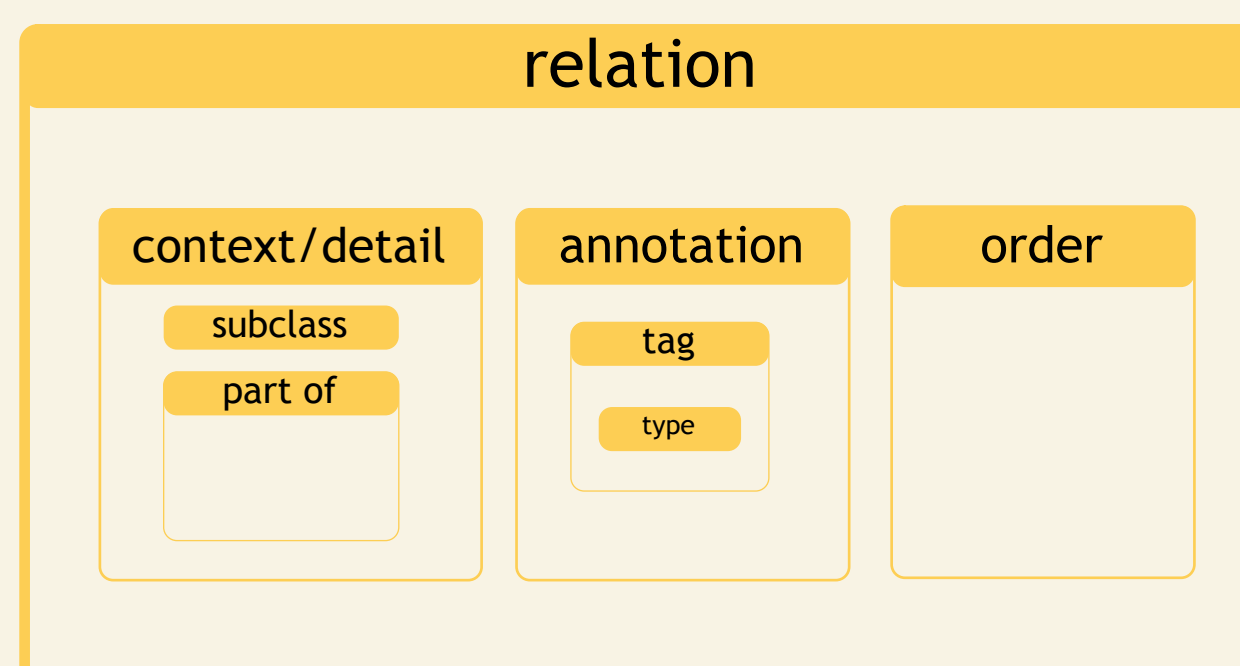
## iMapping core principles

- spatial layout
- nesting, zooming
- graphical authoring
- allow vague structures
- capture implicit semantics
- minimize cognitive overhead
- use Conceptual Data Structures

## Conceptual Data Structures

CDS is a lightweight top-level ontology about relations that naturally occur in common knowledge artefacts.

It is designed to bridge the gap between unstructured content like informal notes and formal semantics like ontologies by allowing the use of vague semantics and by subsuming arbitrary relation types under more general ones.



## Abstract

iMapping is a technique for visually structuring information objects. It supports the full range from informal note taking over semi-structured personal information management to formal knowledge models. With iMaps, users can easily go from overview to fine-grained structures while browsing editing or refining the knowledge base in one comprehensive view.

An iMap is comparable to a large white-board where information items can be positioned like post-its but also nested into each other. Spatial browsing and zooming as well as graphical editing facilities make it easy to structure content in an intuitive way. iMapping builds on a zooming user interface approach to facilitate navigation and to help users maintain an overview in the knowledge space. While a first implementation is being developed, iMapping is still in a conceptual stage. In this paper we describe the iMapping approach and how it tries to combine and extend the advantages of other approaches.

## iMapping Examples

