

The Use of Domain Knowledge for Structuring and Describing Codesystems

Summary

The language for describing a codesystem can be modeled through a codesystem meta model to make it more suitable for machine processing. However such a language that is capable of describing all possible codesystem may be too generic for some applications. A specialization of the codesystem metamodel may be defined, to increase the expressiveness of the model. Further some researchers use schemata to introduce domain knowledge to the description of codesystem.

This thesis shall build a theory of how researchers use schemata, and under which circumstances they make sense. Further it shall be evaluated if this technique can be transferred to the process of requirements engineering using QDA, and how it relates to specializations of a meta model.

Work Results

- Literature review
 - QDA, GT, ways of representation and description for codesystems
- Research approach
 - Interviews with economic education researchers.
 - Theory building using GTM
- Research execution and results
 - A theory on the use of schemata in qualitative research
 - Discussion of the methodological implications
 - An analysis and suggestion on the integration of schemata in relation to a metamodel and eventual specializations of such.

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