Elicitation Awareness in Conceptual Modeling: The Role of Transparency

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This talk will review how transparency brings the possibility of process awareness in requirements building. Conceptual modeling has been the prominent facet of requirements engineering with good reasons.

The task of specifying, at a high level of abstraction, the myriad of knowledge needed to anchor software development is one of the great challenges of computer science. As such, different artificial languages have been proposed to serve as basis for this task.

One of the consequences of the central role of modeling, has been that, often, elicitation processes are driven by the modeling language of choice. As such, elicitation is partially performed, increasing the possibility of faulty models.

Attaching the non-functional requirements transparency to the requirements building process increases the overall awareness in the universe of discourse, making explicit the information sources, their rationale, as well as the requirements engineers rationale.

In particular, we will focus on the challenges of how to introduce transparency as to help towards elicitation awareness in conceptual modeling. We will use i* as an example of modeling language.