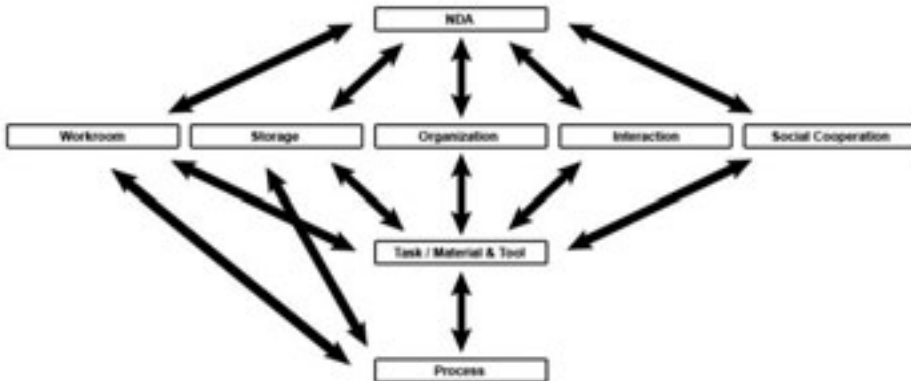# Assisting Needs Driven Requirements Engineering with the ARIS Toolset

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In this working paper[1] we introduce a specialized requirements elicitation method regarding the specific needs of product development assistance. Although, there are several approaches targeting the modeling of application domains, describing and developing process structures or eliciting requirements, it is the people's day-to-day needs one has to capture in order to derive suitable requirements for software development. Based on the concepts of the Needs Driven Approach (NDA), we propose a structured domain modeling technique, implemented within the ARIS Toolset in order to conquer this complexity.

NDA supports a bottom up strategy in terms of analyzing existing processes and identifying all needed requirements using different analysis perspectives (see figure). Therefore, the aim of the newly proposed method is to extend the NDA and to provide analysts with suitable software assistance, helping them to create and understand complex NDA-models easily. Experiences in ongoing field research indicate that the proposed method and developed tool support can provide crucial assistance while understanding complex domains.

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[1] The full working paper can accessed at www.winfobase.de.