N. Chungoora,, O. Cancglieri, R.I.M. Young, *Towards expressive ontology based approaches to manufacturing knowledge representation and sharing* analyse in their paper strengths and weaknesses of light- and heavyweight versions of ontologies to support knowledge exchange between multiple domains. The paper contributes to a clarification to i) the way of expressively capturing domain semantics and ii) the mechanisms for sharing semantics across intra-system domains. The authors illustrate their results by describing a UML-based case study on the subject in injection molding design and manufacture. A suitable ontology direction is identified as a benchmark for related domains to exploit expressive semantics alongside knowledge inference support.

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