

Ch. Kim, K. Kim, L. Lee, D. Kang and K. Ryu, *Ontology based process model for business architecture of a virtual enterprise*.

The paper describes a process model that provides a common semantic and communication protocol. Starting with an impressive State of the Art list the authors map different architecture approaches onto each other like Zachman and MDA or MDA and Ontology. With their focus on the business architecture the authors apply the CIMOSA three-dimensional approach. Their three dimensions are: Perceptions (contextual, conceptual, logical and physical), Business components (process, product, organization, data, resource and business rule), and Ontology (domain independent, domain dependent and domain specific). The Zachman approach is the base for the perception dimension with the three lower levels resembling the MDA layers. The business dimension relates to the CIMOSA view dimension renaming function and information as process and data and extended the dimension by two additional views (product and business rule).

The process model is applied in a case study in the automotive-part industry and describes a collaborative design chain process.

Intern. Journal of CIM, Vol. 26, Nr. 7, pp 583-595

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