

Derivation of reusable Inter-Business-Components for Warehouse Management Software Systems

by

Dipl.-Inform. Werner Franke

Abstract

In order to increase competitiveness, enterprises are forced to run their business processes more efficiently and effectively to their benefit. Under the influence of continuous and fast changing business relations, customers of software producers require flexible, quickly adaptable and faster delivery of software solutions. This thesis is concerned with the question of which types of components are required in the context of the development of individual warehouse management software systems, from the view point of the software producer which fulfill the above mentioned needs of customers.

The central theme is therefore the derivation of components for specification of the business domain interactive view at the system border. It is quite conceivable that these problem solution presented here can be used also for the derivation of components in other domains with similar basic conditions, for example for individual WWS, MFC or PPS systems. The problem definition here however refers explicitly to warehouse management software systems.