

Project Example: Würth Phoenix Flexible merchandise management system that is easily adaptable to foreign branches

Architecture design, specifications and technical advice for a new development of the existing trade-business-system of the globally active Würth conglomerate's individual business units.

At the OMG Object Application Awards 2003, the resulting flexible merchandise management system won 2nd prize in the category "**Best Integration Using an MDA Approach**".

Highlights

- Simple operation through implementation of company-specific business transactions
- Easy maintenance through development of generic modules (via creation of sub-classes)
- Development via model driven architecture (MDA)
- Unified user interface through encapsulation of the GUI style guide in a dedicated package

Each operative module (purchase, order processing, logistics) has its very own data base system.
An asynchronous data exchange aligns common information between data banks.
Each module has one or more scalable application servers on which the business logic runs.
The workflow processor in the back office monitors the incremental processing of client orders.
Batch processes control the interfaces, create invoices and manage disposition in the back office.

