



Project Example: General Master Data (GMD) Generic tool for master data management with data management applications

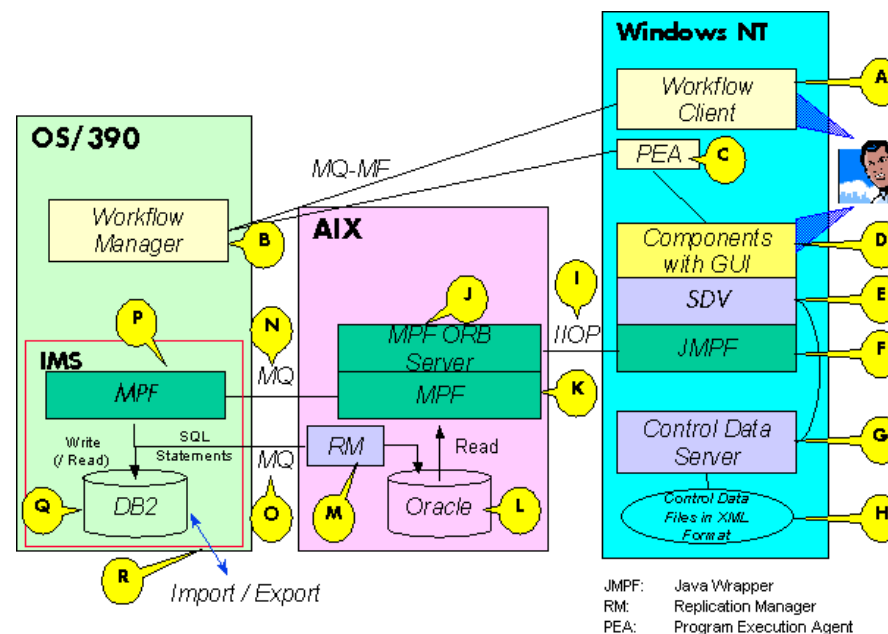
Precision design and realization of bank-wide master data management in the shape of a generic application including XML meta data for the interpretative structure and the control of data holding and the GUI. Three-tier architecture with Corba between Java NT-client and C++ AIX middleware as well as MQSeries between C++ AIX middleware and C++ mainframe server. Client: Zürcher Kantonalbank, Switzerland.

The application was awarded the exclusive OMG Object Application Award in the category "**Best Vertical Domain Application**", which is highly coveted in the business.

Further information: www.klst.com/projekte/asd/index_start.html

Highlights

- The generic base simplifies the development and integration of further applications.
- Consistency conditions minimize data errors.
- Bitemporal data bases enable insights into the data bank state at any time
- The tool was able to drastically lower maintenance costs for the master data



- A Workflow Client
- B Control data from SDV
- C At runtime, the GUI is built up from meta data
- D Control data files (XML)
- E The MPF core emulates a bitemporal data base on a relational one
- F Central Oracle data base
- G Replication manager
- H MPF server
- I Master Data base with all versions of business objects
- J Data exchange with external data bases