

Project Note

Implementation of a service-oriented platform

An international bank was introducing an SOA solution as a strategic move. Zühlke assisted the bank in designing and implementing the solution, which was smoothly incorporated into the integration architecture already in place.

Task

DZ BANK is the fifth largest bank in Germany and is acting as central bank for approx. 1,000 cooperative banks. As a cooperative commercial bank DZ BANK is a well-known partner in Germany and abroad and can count on a long lasting business experience of almost 125 years.

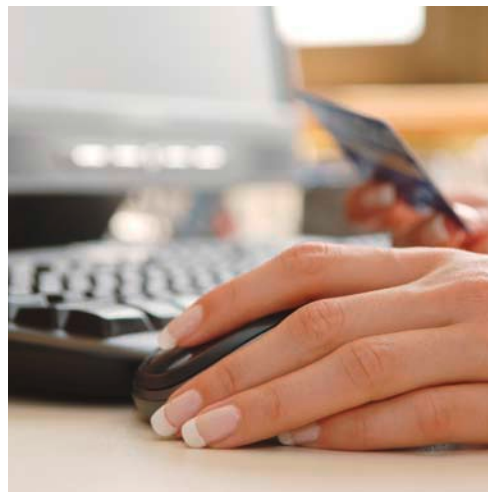
The bank's already established EAI platform was to be expanded with the addition of a service-oriented platform. To this end, a selected commercial enterprise service bus was adapted and extended at several points to meet the requirements of the SOA concept.

Implementation

Together with the customer, Zühlke developed a flexible, distributed and decentralised architecture that enabled a high degree of availability and scalability at a low cost and met the peripheral organisational conditions. Specifically developed components supported and standardised non-functional aspects of service development in particular, and provided an interface with the legacy EAI platform. Relays decoupled services from each other, allowing the configuration to be changed during ongoing operations and several versions of a service to be dealt with at the same time. Clear bus guidelines and development patterns paved the way to a standardised service landscape. A framework with methodological specifications and specific tools supported the development of services and tests.



DZ BANK
Zusammen geht mehr.



Technical Data

IONA Artix ESB

IONA Artix Registry/
Repository

Web Services

IBM Websphere MQ

Java

Eclipse

Solaris, Windows

Customer benefits

- The customer obtained a tailor-made architecture for the service-oriented platform.
- The development framework was based on methodological and technical expertise from Zühlke and ensured the quality of the service development process.
- Zühlke assisted with the use of the platform in an initial important integration project.

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