Abstract

In SOA-based system there is a big problem of integration of applications and business transactions, which often results into mismatched trust among domains and inactive during the long period. These activities put a big challenge to traditional ACID transaction processing. To prove this theoretically we presented three successive theoretical analyses which are familiar to the present transaction theories; including the classical ACID model the extended transaction
model with ACID relaxations. These theoretical analyses are architecturally capable of playing the role of a loosely-coupled, pluggable middleware, overlaying heterogeneous legacy systems.

References

- [Project Tango] Sun&apos;s Project Tango - Web Services Interoperability Technologies

**Index Terms**

Computer Science

Information Sciences

**Keywords**

Acid  EAI  ERP  SOA