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
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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


**Index Terms**

Computer Science

Information Sciences

**Keywords**

Acid Eai Erp Soa