



ESSENTIAL COMPONENTS OF SERVICE ORIENTED ARCHITECTURE

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Abstract

Organizations across many industries have moved or in the process of moving towards a service-oriented IT architecture. Service-Oriented Architecture (SOA) has drawn significant attention recently, and numerous architecture approaches have been proposed to represent SOA-based applications. The architecture of SOA-based applications is different from traditional software architecture, which is mainly static. The architecture of an SOA-based application is dynamic, i.e., the application can be composed at runtime using existing services, and thus the architecture is really determined at runtime, instead of design time. This article defines and describes the benefits of SOA and provides the essentials necessary to identify, recommend and implement your own SOA solutions.

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