

BUILDING DEPENDABLE SERVICE-ORIENTED APPLICATION VIA
DYNAMIC RECONFIGURATION AND FAULT-TOLERANT
RECONFIGURATION COLLABORATION PROTOCOL
by
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of the Requirements for the Degree
Doctor of Philosophy

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Building Dependable Service-oriented Application Via Dynamic Reconfiguration And Fault-tolerant Reconfiguration Collaboration Protocol

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Summary : Free building dependable service-oriented application via dynamic reconfiguration and fault-tolerant reconfiguration collaboration protocol pdf download - software development techniques are now moving rapidly towards service-oriented computing paradigm a service-oriented application is to build application with services that can be looked up published and bound at the execution time across boundary of organizations one major concern of the service-oriented mission-critical system is to deliver dependable services traditionally building application with dynamic reconfigurability is one of the major approaches to promote system dependability however building dependable service-oriented application is challenging because it faces an open heterogeneous computing environment where numerous distributed services perform computations concurrently and collaboratively the negotiation between application and service for reconfiguration planning and selection is difficult due to the rapidly increasing number of available services in an ad-hoc environment existing dynamic reconfiguration systems are not adequate to face this challenge

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