
A Study of CORBA Multi Port ORB Architecture Based On Hierarchy Domain*

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ABSTRACT

A configurable multi port ORB architecture based on hierarchy domain is proposed in this paper, after analyzing the ORB core of CORBA distributed computing platform and POA handling states semantics in CORBA standard. The composing of POA Domain, Event Handler Domain, CORBA Object Domain and the interaction among these domains are discussed at length in this architecture. At the same time the request handling states and their transformation in Event Handler are discussed. Users can deploy the distributed application and configure the distributed resources by domain.

Keywords: CORBA hierarchy domain multi port ORB architecture

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