

# The Interoperability in a CORBA-based Multidatabase System

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## **Abstract:**

**Abstract:** One way of achieving interoperability among heterogeneous, distributed DBMSs is through a multidatabase system. Panorama is a multidatabase system that has been implemented on the top of CORBA compliant namely VisiBroker. In this paper, we first introduce CORBA for the interoperability in multidatabase systems. Then, a general view for our designed multidatabase system, Panorama, has been given. We also introduce the global query language —PanoSQL designed to achieve interoperability among the different DBMSs implemented in Panorama. Then, as an example, we present the registration of Oracle to Panorama in order to achieve interoperability in this system.

## **Key words:**

Interoperability; Heterogeneity; CORBA architecture; Global Query Language; Multidatabase systems