Registering Different DBMSs
to Panorama* with CORBA

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Abstract:　　Recently, there is an increasing use of CORBA implementation in developing multidatabase systems. MIND** and Panorama are some of the examples of multidatabase prototypes that have been implemented on the top of CORBA compliant namely ObjectBroker and VisiBroker respectively. They both aim to achieve interoperability among Oracle, Sybase and other different DBMSs through the registration of these DBMSs to them using CORBA. This registration to a CORBA-based multidatabase system offers an advanced way in achieving interoperability.

In this paper, we first introduce Panorama multidatabase system and discuss the basic implementation decisions in registering different DBMSs using the CORBA compliant ORB, namely VisiBroker to this system. Then, this paper aims to discuss the method we've used in registering different DBMSs to our designed multidatabase system-Panorama. A detailed discussion about the registration of Oracle8 and Sybase is given. And finally, a conclusion and the future work for this system have been given.