VOYAGER

Voyager Transaction Service

Voyager Transaction Service (VTS) offers VoyagerPro users transaction support for their distributed computing environments across heterogeneous systems. It is a service that runs on top of VoyagerPro. VTS interoperates with OTS 1.1 compliant Transaction Services as defined by OMG. VTS is scheduled for delivery in 1QTR1999.

Voyager Transaction Service offers two distinct yet critical capabilities to support transactions:

Transaction management provides the ability to participate in and coordinate global transactions across several distribution nodes, as if they were one single transaction on a single node. Other capabilities include:

- *Interoperability* with OTS compliant transaction services
- *In process or standalone Transaction Service* that runs in the same process as transactions or standalone from the originating transaction
- *Support for* both nested and flat transactions
- *Multiple transactions* within a single virtual machine using more than one thread in a single transaction
- *Distributed transactions* across multiple Voyager and non-Voyager platforms
- *Implicit Use* with a simple-to-use API for defining transaction boundaries and performing other transaction related services
- *Inter-position* of coordinators for high performance
- *Robust failure recovery model with a graphical transaction administration tool* to allow users to monitor transactions in progress and to do manual failure/recovery, if needed
- *Transaction logging* interface to customize a data source for logging and recovery

Resource Management allows multiple transaction participants to interact with multiple resource managers (such as databases, MQSeries, etc.) to coordinate a distributed transaction. It is an extremely flexible framework that allows users to:

- *Extend VTS* and define resources or gateways to resources to allow full participation in transactions
- *Support heterogeneous resources*, XA compliant resources, synchronizers, heuristics and transaction events

Voyager Transaction Service is scheduled for delivery in 1QTR1999. For additional information please contact sales@objectspace.com.

For additional information on Voyager's comprehensive suite of products click here: Voyager Core Technology, VoyagerPro or Voyager Security Service.

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