

MBF - JDBC LINK-UX™



MBF - JDBC Link - UX opens the door for organizations

The MB Foster JDBC Link-UX Level 2 Type IV JDBC driver offers customers an alternative for connectivity to corporate data sources

Basic Architecture

MBF-JDBC Link-UX is built on the J2EE standard. This standard is designed to simplify complex problems with the development, deployment and management of multi-tier enterprise solutions. J2EE is the result of a large industry initiative led by Sun Microsystems.

J2EE establishes contracts between applications and the containers in which they run. As long as both sides obey the contracts, applications can be deployed in a variety of container environments.

JavaBeans Support

JavaBeans enable the definition of component models so that Java components can be composed together into applications. A component model defines an environment that supports re-usable application components. Any object that conforms to the basic rules can be a JavaBean. JavaBeans export properties, events and methods and defines indexed, bound and constrained properties. JavaBeans are typically used to in a manner similar to ActiveX.

Enterprise JavaBeans (EJB) Support

EJB technology is a architecture that combines the best of Internet, distributed objects and platform independent code as a better way of creating and maintaining eCommerce, corporate and personal applications. This technology takes a high level approach to building

distributed systems. The application developer can concentrate on the business logic and not worry about the code to handle transactional behavior, security, connection pooling or threading. EJBs are used to implement transactional middleware and are non-visual. They are a server component for creating server-side, scalable, transactional, multi-user and secure enterprise-level applications. EJBs can be deployed on top of existing transaction processing systems including monitors, and web, database, application servers.

Java Naming Directory Interface (JNDI) Support

JNDI is a client API that provides naming and directory functionality. It is not intended as a replacement for established naming and directory services. Its purpose is to provide a common interface to existing services such as DNS, NDS, LDAP, CORBA or RMI. By hiding the implementation details of the various naming and directory services, multiple directory services can co-exist and co-operate within the JNDI client.

Java Transaction Service (JTS) Support

The JTS is the transaction co-ordinator for all components of the EJB architecture. The JTS keeps track of all resource managers (the ones that manage resources such as databases) enlisted in a transaction.

MBF-JDBC Link-UX is a Type IV JDBC driver that is 100% pure Java and complies with the JDBC 1.2 standard to provide complete compatibility with all Java Virtual Machines on all platforms. The driver interfaces with the MB Foster Universal Server which runs on HP-MPE (as part of MBF-UDALink™), HP-UX, and Linux platforms.

