Client Development Tools and APIs

IBM offers a suite of products to enable clients to connect to its Informix databases, access data spanning multiple data sources, and work with a variety of specialized data types.

IBM intends to support to existing CSDK customers and partners for as long as they require. New enhancement releases are planned to continue support for new server releases and to address performance and standards compliance.

This section summarizes IBM's intentions for the following suite of products:

- **IBM Informix Client SDK** packages several application programming interfaces (APIs) for servers into a single offering. Support is included for JDBC, C, C++, ESQL/C, Open Database Connectivity (ODBC) and OLE DB client side provider
- **IBM Informix Connect** is the set of runtime libraries required by the non-Java components of IBM Informix Client SDK. This software is required for deploying client applications to access IBM Informix servers.
- **IBM Informix JDBC Driver** is a pure Java type 4 driver based on the latest 1.x and 2.x Java Database Connectivity (JDBC) specifications. Embedded SQL/J is part of the IBM Informix JDBC driver.
- **IBM Informix ESQL/COBOL** is for supporting SQL statements embedded into COBOL language applications. The current plans for ESQL/COBOL are to continue to support the product for as long as our customers and business partners require, and enhance with market demand.

The key theme for connectivity products is fast, easy and reliable data access to Informix servers. Client SDK/I-Connect v2.80 will bring performance enhancements, additional platform support, new server support and an enhanced development and deployment environment for windows based developers. While most Client SDK future releases are planned at approximately one-year intervals, v2.81 Client SDK will ship in the first half of 2003. The key features of v2.81 are to support the next major release of IDS and address customer requested features. Other Client SDK features under consideration include the ability to connect ESQL/C applications natively to DB2 databases and support for .Net applications.

The next release of JDBC v 2.21.JC3 will ship later in 2002, focusing on on-going commitment for open standards compliance, supporting the latest servers,

integration with WebSphere Application Server, and ongoing attention to product quality.

In summary,

| 2001 | 2002 | 2003 | 2004 |

C-SDK

(2.80)   (2.81)   (2.90)   (...)

XPS 8.4 support   IDS 9.4 support   Native
Performance   connectivity
Improved OLE-DB   to DB2
ODBC Query
       Timeout