

SQL Anywhere[®] for Android



PRODUCT DATASHEET

SQL Anywhere 12 for Windows includes UltraLite[®], a lightweight relational database and data synchronization client for Android devices. Android developers can use UltraLite to build robust mobile applications, extending enterprise data to mobile users.

BRINGING SQL ANYWHERE TO ANDROID

With over ten million deployed databases and eight hundred partners, SQL Anywhere is a trusted technology that successful companies use when building mobile and embedded solutions. SQL Anywhere provides key database and data synchronization capabilities so that customers can build applications on a foundation of secure, reliable, scalable and high performance technology.

In addition to its rapid acceptance among consumers, Android devices are becoming increasingly widely used in the workplace, and organizations are creating momentum around mobile enterprise applications on Android.

SQL Anywhere offers a combination of database and data synchronization technology that complements existing offerings on the platform, and gives developers what they need to build tomorrow's mobile enterprise applications. A single synchronization server integrates Android, BlackBerry[®], Windows Mobile, iPhone[®], and Windows clients into enterprise systems.

DATABASE FEATURES

A lightweight relational database.

UltraLite is a lightweight relational database. It provides table-based storage in a single database store with SQL access, primary and foreign keys, indexing for fast data retrieval, transaction support including atomic transactions (rollback and commit), geospatial data support, active database features, and database recovery. UltraLite databases reside in an application's local storage area.

DATA SYNCHRONIZATION FEATURES

A data synchronization client.

UltraLite is a client for SQL Anywhere MobiLink[™] data synchronization.

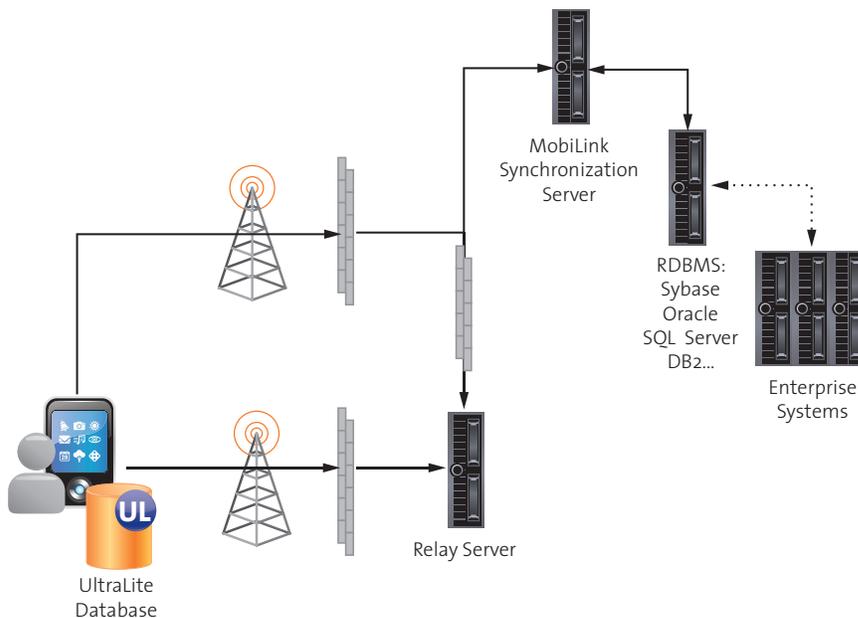
It provides the ability to carry out change-based, two-way data synchronization on subsets of a database or on a complete database. Synchronization operates over HTTP or HTTPS. Each data upload to the server or download from the server is carried out as a single transaction.

As a synchronization client, UltraLite provides on-device change tracking and synchronization functions so that Android developers can build data synchronization right into their applications. Together with MobiLink it lets you extend Oracle, SQL Server, DB2, Sybase ASE, SQL Anywhere or MySQL databases to mobile devices, and also provides an interface for other enterprise systems and interfaces such as Enterprise Resource Planning applications and web services. MobiLink is a mature data synchronization technology that has been used in many enterprise environments with thousands of clients.

SYSTEM REQUIREMENTS

To develop Android applications you must have the appropriate development tools, such as the Android Software Development Kit. UltraLite is intended for use with the Android version 2.1 or later.

SQL ANYWHERE MOBILE ARCHITECTURE



To learn more about how you can use SQL Anywhere for Android to build powerful data-driven applications visit www.sybase.com/sqlanywhere. Or contact us at contact_us@anywhere.com