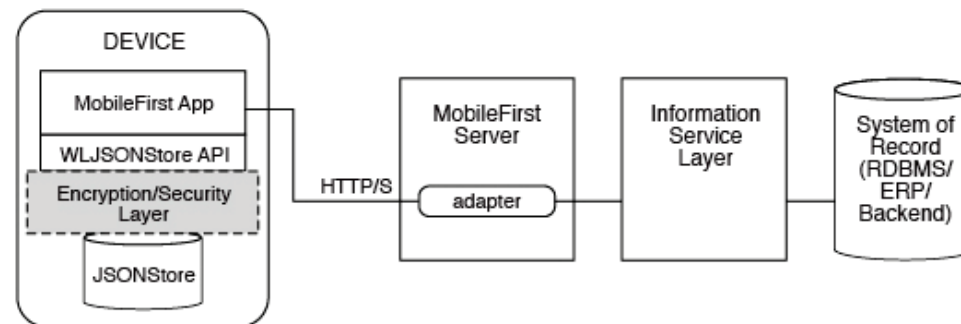


IBM Mobile Foundation {docs}

JSONStore 8

Overview

The IBM Mobile Foundation **JSONStore** is an optional client-side API providing a lightweight, document-oriented storage system. JSONStore enables persistent storage of **JSON documents**. Documents in an application are available in JSONStore even when the device that is running the application is offline. This persistent, always-available storage can be useful to give users access to documents when, for example, there is no network connection available in the device.



Because it is familiar to developers, relational database terminology is used in this documentation at times to help explain JSONStore. There are many differences between a relational database and JSONStore however. For example, the strict schema that is used to store data in relational databases is different from JSONStore's approach. With JSONStore, you can store any JSON content, and index the content that you need to search.

Key features 8

- **Data indexing** for efficient searching
- Mechanism for tracking local-only changes to the stored data
- Support for multiple users
- AES 256 encryption of stored data provides security and confidentiality. You can segment protection by user with password-protection, in the case of more than one user on a single device.

A single store can have many collections, and each collection can have many documents. It is also possible to have a MobileFirst application that contains multiple stores. For information, see JSONStore multiple user support.

Support level

- JSONStore is supported in Native iOS and Android applications (no support for native Windows (Universal and UWP)).
- JSONStore is supported in Cordova iOS, Android and Windows (Universal and UWP) applications.



Jump to