

Client / Server

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Problems

- No direct database server access
- Due Firewalls
- Not expose database server to attacks
- No database plugins expected for iOS

Solution

- We build middle ware
- Proxy for database
- Can check permissions, do additional tasks

Implementation Server

- Console app
- Running in background
- ServerSocket listening
- Transport encoding, e.g. JSON or XML
- Optional encryption, e.g. AES or Blowfish
- Optional compression

Implementation Client

- Socket to connect
- Unpack results to own RecordSet class
- Allow queries sync/asynchronously.

Example

- Sample implementation

Q & A