

(3) Type-3 Driver (Java to network protocol / All Java Driver) 5

The Type-3 Driver translates the JDBC calls into a database server independent and middleware server specific calls. With the help of the middleware server, the translated JDBC calls are further translated into database server specific calls.

It follows the 3-tier architecture.

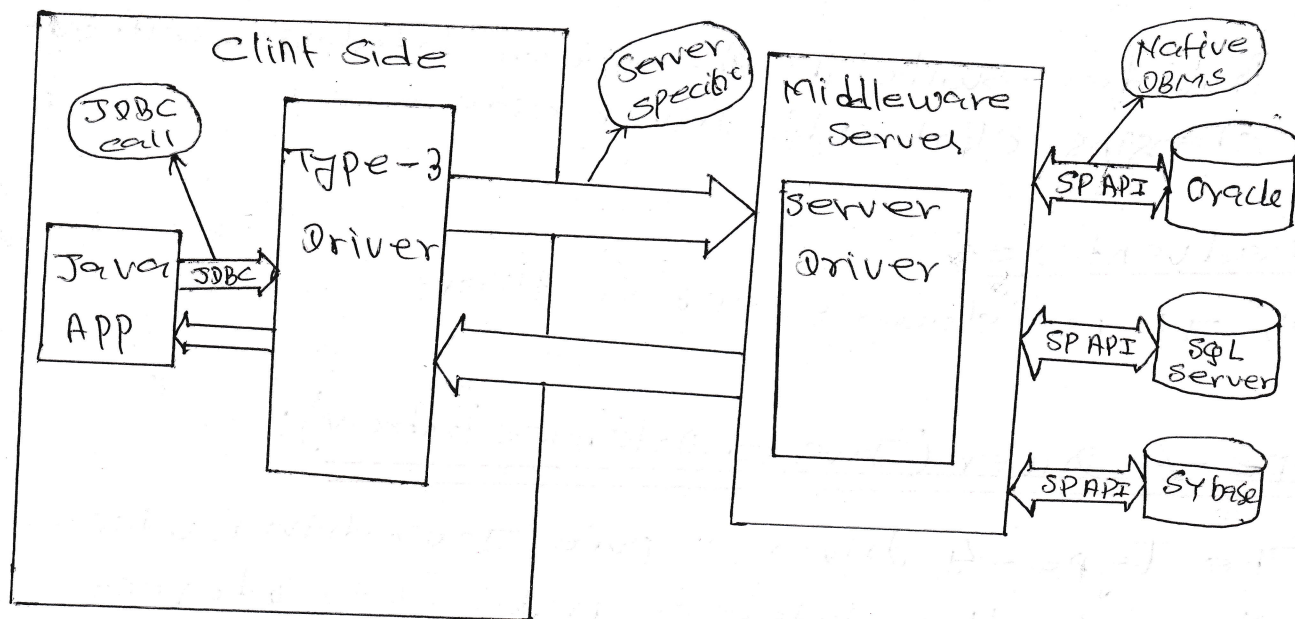


fig: Architecture of Type-3 Drivers.

It translates the JDBC calls to middleware server specific calls. After that it communicates with middleware server over a socket. And the middleware server converts these calls into database specific calls.

It is also known as "net-protocol fully Java technology-enabled" or "net protocol drivers."

Additional functionality such as pool management, performance improvement and connection availability can be added.

It is recommended to be used with applets and is more useful in enterprise applications.