

supported by ODBC.

(4)

(ii) Represents a vendor independent drivers

Disadvantages:

- (i) Decrease the execution speed.
- (ii) Depends on ODBC driver; and therefore, java applications also become indirectly dependent on ODBC drivers.
- (iii) Requires ODBC binary code or client library that must be installed on every client.
- (iv) Uses Java Native Interface to make ODBC calls.

(2) Type-2 Drivers (Java to Native API):

The JDBC call is converted to the database vendor specific native call with the help of Type-2 driver. In other words, this types of driver makes Java Native Interface call on specific native client API, usually written in C and C++.

It follows the 2-tier architecture model.

