

Stream API

collect
reduce

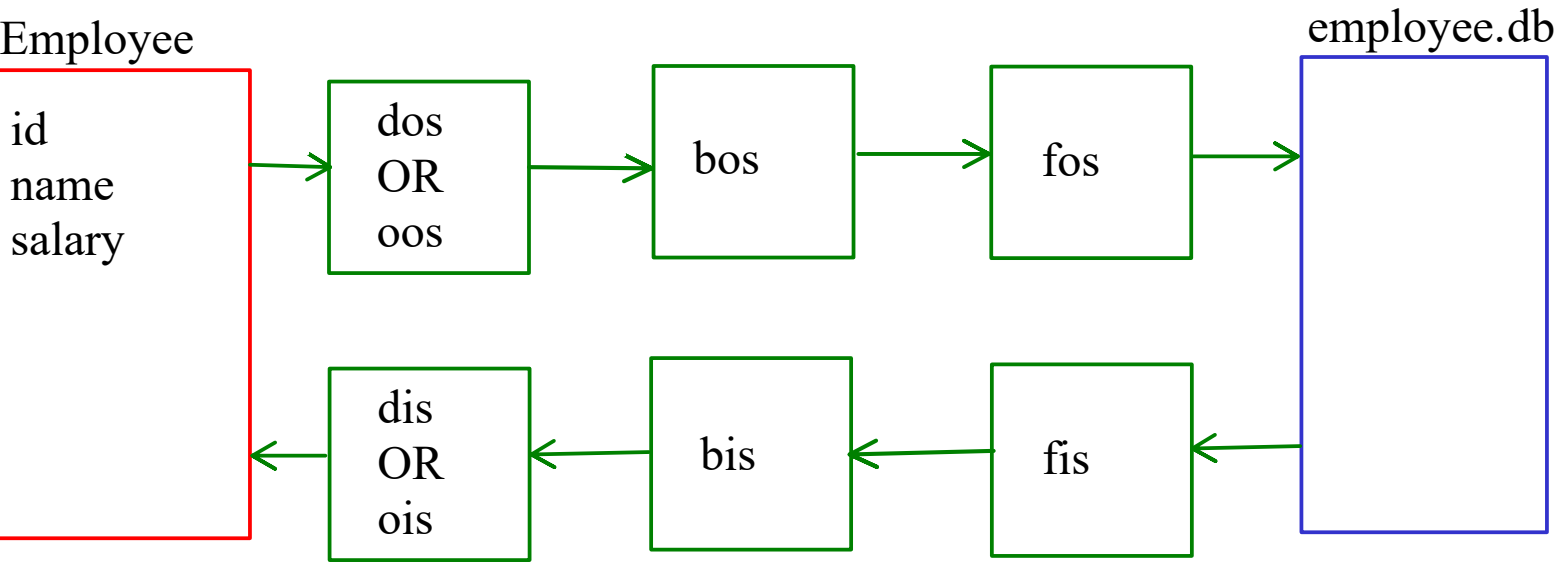
distinct()
{
 Set
 boolean add();
}

File IO

Input Output Stream

ByteStream

CharacterStream



```
FileOutputStream fos = new FileOutputStream("employee.db");
BufferdOutputStream bos = new BufferedOutputStream(fos);
ObjectOuputStream oos = new ObjectOutputStream(bos);
{
}
}
```

Byte Streams

Character Streams

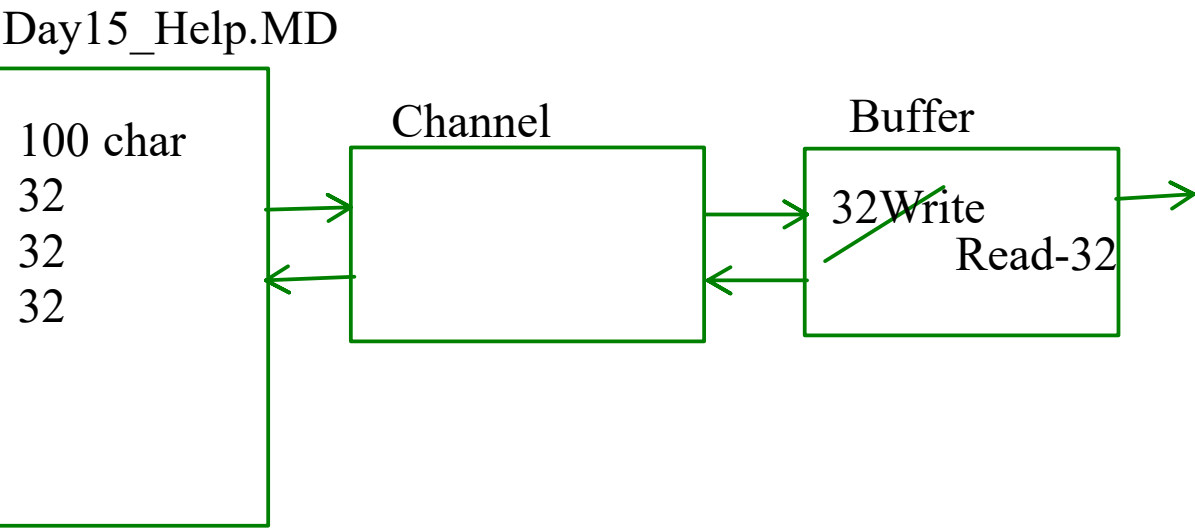
Java IO

Java NIO

- Java 7

- Channels

- Buffers

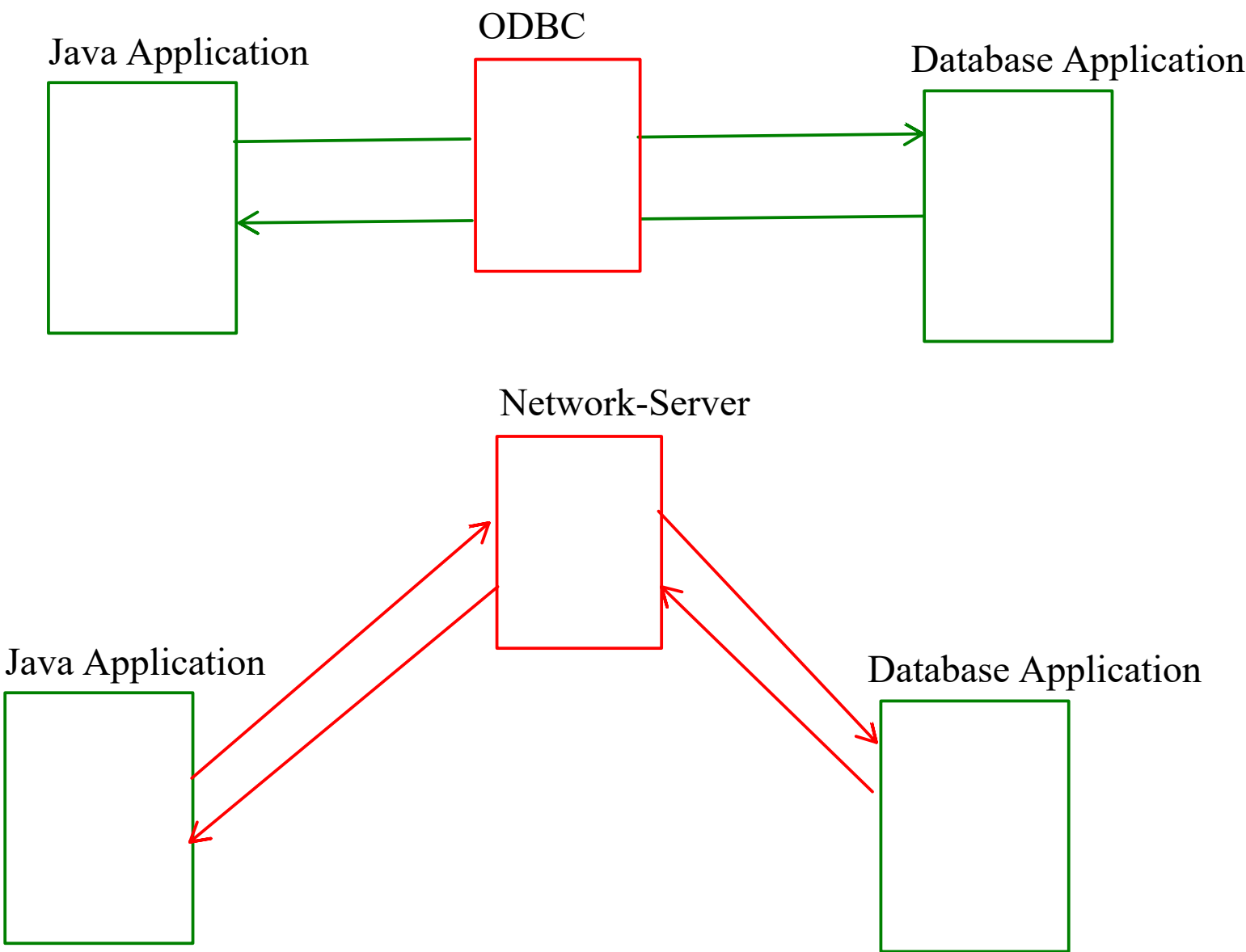


JDBC -> Java Database Connectivity

4 types of Drivers

- 1. JDBC-ODBC Bridge Driver (Type 1)
- 2. Java Partial/Native Driver (Type 2)
- 3. Network Driver (Type 3)
- 4. Database Specific Driver (Type 4)

Oracle(Oracle Thin Driver), Mysql(Mysql Connector/J)



String sql = "SELECT * FROM customer WHERE email='"+useremail+"' AND password = '"+userpass +"'";

String sql = SELECT * FROM customer WHERE email=? AND password = ?;

String sal = 10000 OR 1;
SELECT * FROM employee WHERE salary = 10000 OR 1;
String n = "Anil OR 1"
SELECT * FROM employee WHERE name = "Anil OR 1";

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