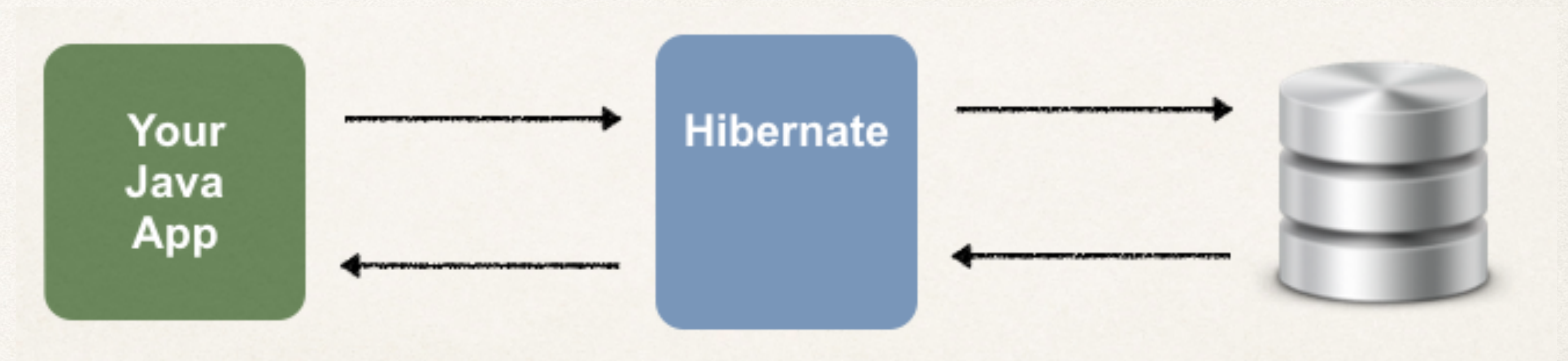# Querying Objects

Hibernate CRUD Apps

- **C**reate objects

- **R**ead objects

- **U**pdate objects

- **D**elete objects

Hibernate Query Language (HQL)

- Query language for retrieving objects

- Similar in nature to SQL

  - where, like, order by, join, in, etc…

Retrieving all Students

```
List<Student> theStudents =
        session
            .createQuery("from Student")
            .getResultList();
```

Retrieving Students: **lastName = 'Doe'**

```java
List<Student> theStudents =
        session
          .createQuery("from Student s where s.lastName='Doe'")
          .getResultList();
```

Retrieving Students using OR predicate:

```
List<Student> theStudents =
        session
            .createQuery("from Student s where s.lastName='Doe'"
                    + " OR s.firstName='Daffy'")
            .getResultList();
```

Retrieving Students using LIKE predicate:

```java
List<Student> theStudents =
        session
            .createQuery("from Student s where"
                    + " s.email LIKE '%luv2code.com'")
            .getResultList();
```