

# Oracle to MySQL 변경 수정 사항

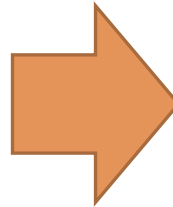
8장, 9장, 14장

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# 1.페이징 질의 부분 ((MVC)BoardDAO.java)

## Oracle Code

```
String query = " "  
    + "SELECT * FROM ( "  
    + " SELECT Tb.*, ROWNUM rNum FROM ( "  
    + " SELECT * FROM mvcboard ";  
  
if (map.get("searchWord") != null){  
    query += " WHERE " + map.get("searchField")  
        + " LIKE '%" + map.get("searchWord") + "%' ";  
}  
  
query += " ORDER BY idx DESC "  
    + " ) Tb "  
    + " ) "  
    + " WHERE rNum BETWEEN ? AND ?";  
  
try {  
    psmt = con.prepareStatement(query);  
    psmt.setString(1, map.get("start").toString());  
    psmt.setString(2, map.get("end").toString());  
    rs = psmt.executeQuery();
```



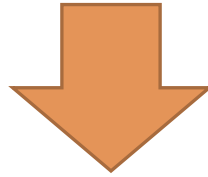
## MySQL Code

```
String query = "select * from mvcboard ";  
  
if (map.get("searchWord") != null){  
    query += " WHERE " + map.get("searchField")  
        + " LIKE '%" + map.get("searchWord") + "%' ";  
}  
  
query += " ORDER BY idx DESC limit ?,? ";  
  
try {  
    psmt = con.prepareStatement(query);  
    psmt.setInt(1, (int)map.get("start"));  
    psmt.setInt(2, (int)map.get("pageSize"));  
    rs = psmt.executeQuery();
```

## 2.페이징 질의 부분 (ListController.java)

Oracle Code

```
// 목록에 출력할 게시물 범위 계산
int start = (pageNum - 1) * pageSize + 1; // 첫 게시물 번호
int end = pageNum * pageSize; // 마지막 게시물 번호
map.put("start", start);
map.put("end", end);
```



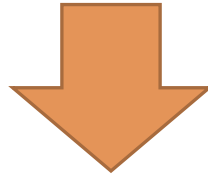
MySQL Code

```
// 목록에 출력할 게시물 범위 계산
int start = (pageNum - 1) * pageSize; // 첫 게시물 번호 (MySQL은 0부터 시작)
map.put("start", start);
map.put("pageSize", pageSize);
```

### 3.데이터 삽입 부분 ((MVC)BoardDAO.java)

Oracle Code

```
String query = "INSERT INTO mvcboard ( "  
              + " idx, name, title, content, ofile, sfile, pass) "  
              + " VALUES ( "  
              + " seq_board_num.NEXTVAL,?,?,?,?,,?)";
```



MySQL Code

```
// idx가 자동 증가 옵션(auto_increment)을 되어 있어서 입력이 필요 없음  
String query = "INSERT INTO mvcboard ( "  
              + " name, title, content, ofile, sfile, pass) "  
              + " VALUES ( "  
              + " ?,?,?,?,?,,?)";
```