

## 三张表连接查询

--找出每个员工的部门名称及工资等级,这里所有员工都可以用内连接查询出来

--找出每个员工的部门名称及工资等级以及上级领导,这里连接自身表作为领导表要用外连接,另两张用nei

```
select
    e.ename,d.dname,g.grade
from
    emp e
join
    dept d
on
    e.deptno=d.deptno
join
    salgrade g
on
    e.sal between g.losal and g.hisal;
```

```
+-----+-----+-----+
| ename | dname      | grade |
+-----+-----+-----+
| SMITH | RESEARCH   | 1     |
| ADAMS | RESEARCH   | 1     |
| JAMES | SALES       | 1     |
| MILLER | ACCOUNTING | 2     |
| WARD  | SALES       | 2     |
| MARTIN | SALES       | 2     |
| ALLEN | SALES       | 3     |
| TURNER | SALES       | 3     |
| CLARK | ACCOUNTING | 4     |
| JONES | RESEARCH   | 4     |
| SCOTT | RESEARCH   | 4     |
| FORD  | RESEARCH   | 4     |
| BLAKE | SALES       | 4     |
| KING  | ACCOUNTING | 5     |
+-----+-----+-----+
14 rows in set (0.16 sec)
```

--解释

```
...
    A
(inner或left outer)join
    B
on
    ...
(inner或left outer)join
    C
on
    ...
...
```

--上面表示A表与B表连接后在与C表连接查询,或者说AB表连接的结果表与C表再连接查询