



关系数据库语言

唐士杰、王雨蒙、周雪、
李悦敏、常思源、詹帅



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PART ONE

数据定义语言DDL

```
create table Depart
(depNo int primary key,
depName varchar(50) not null,
depMan varchar(50) not null);
```

```
create table Teacher
(tNo int primary key unique auto_increment,
tName varchar(50) not null,
tSex varchar(2) not null check (tsex in ('男','女')),
tBirthDate datetime not null,
tSalary decimal(18,2),
depNo int
foreign key(depNo) references Depart(depNo));
```



数据查询语言QL

- 1、基本查询
- 2、一些函数max、min、avg、count
- 3、group by和order by
- 4、并



PART TWO

数据操纵语言DML

增
删
改

delete和truncate



PART TWO

视图



嵌入式与动态SQL

- 1、代码操纵数据库
- 2、SQL注入攻击

JDBC

```
16      String driver = "com.mysql.jdbc.Driver";
17      String dbName = "spring";
18      String passwrod = "root";
19      String userName = "root";
20      String url = "jdbc:mysql://localhost:3308/" + dbName;
21      String sql = "select * from users";
22
23      try {
24          Class.forName(driver);
25          Connection conn = DriverManager.getConnection(url, userName,
26              passwrod);
27          PreparedStatement ps = conn.prepareStatement(sql);
28          ResultSet rs = ps.executeQuery();
29          while (rs.next()) {
30              System.out.println("id : " + rs.getInt(1) + " name : "
31                  + rs.getString(2) + " password : " + rs.getString(3));
32          }
33      }
```



```
strSQL = "SELECT * FROM users WHERE name = '"  
+ userName + "' and pw = '"+ passWord +"' ;"
```

谢 谢 大 家 ！