

# DB实验1

本次实验在java + jdbc拼sql完成实验, [项目地址](#)

## 步骤二

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jdbc直接从txt导入到数据库表, 对应语句

```
private static String LOAD_ORDERS_DATA =
    "load data local infile \"/Users/py/Downloads/索引作业数据/data1.txt\"\\n" +
    "into table orders(id, name, age, sex, amount);";

private static String LOAD_PRODUCTS_DATA =
    "load data local infile \"/Users/py/Downloads/索引作业数据/data2.txt\"\\n" +
    "into table products(id, pid, nums);";

private void loadOrdersData() {
    try {
        Statement statement = connection.createStatement();
        long startTime=System.currentTimeMillis();
        statement.execute(LOAD_ORDERS_DATA);
        long endTime=System.currentTimeMillis();
        System.out.println("Load orders data costs: " + (endTime - startTime)/
1000 + " s.");
    }catch (Exception ex) {
        ex.printStackTrace();
    }
}

private void loadProductsData() {
    try {
        Statement statement = connection.createStatement();
        long startTime=System.currentTimeMillis();
        statement.execute(LOAD_PRODUCTS_DATA);
        long endTime=System.currentTimeMillis();
        System.out.println("Load products data costs: " + (endTime - startTime)/10
00 + " s.");
    }catch (Exception ex) {
        ex.printStackTrace();
    }
}
```

在mac OSX 16G环境下运行时间截图

```
/Library/Java/JavaVirtualMachines/jdk1.8.0_121.jdk/Contents/Home/bin/java ...  
Succeed to connect...  
Load orders data costs: 29 s.  
Load products data costs: 0 s.  
  
Process finished with exit code 0
```