**电商购物平台类图**

1. nuc.sw.shopping.entity // 实体类

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| --- |
| Category |
| -id:int  -firstlevel:String  -secondlevel:String |
| +Category()  +Category(int,String,String) |

|  |
| --- |
| Book |
| -bid:String  -name:String  -author:String  -price:float  -num:int  -category :Category |
| +Book()  +Book(String,String,float,int,Category)  ...Getter和setter |

2.nuc.sw.shopping.db //数据库（用数组模拟）

|  |
| --- |
| BookDataSet |
| -Book[]:books |
| +BookDataSet()  +getBooks():Book[] |

3.nuc.sw.shopping.dao // 操作数据库data access object

|  |
| --- |
| 《interface》  IBookDao |
|  |
| *+insertBook(Book):boolean*  *+queryBooks():book[]*  *+queryBookById(String):book*  *+modifyBook(String):boolean*  *...* |

|  |
| --- |
| BookDaoImpl |
| -bds:BookDataSet |
| *+insertBook(Book):boolean*  *+queryBooks():book[]*  *+queryBookById(String):book*  *+modifyBook(String):boolean*  *...* |

1. nuc.sw.shopping //主类或者测试类

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| --- |
| TestBookDao |
|  |
| +main(String[] args):void |