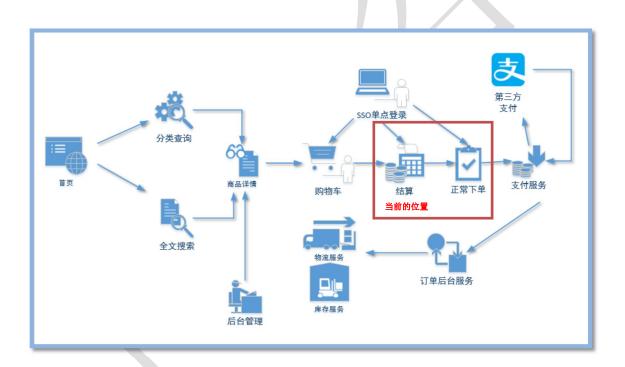


# 订 单

版本: V1.0

# www.atguigu.com

# 一、业务介绍



订单业务在整个电商平台中处于核心位置,也是比较复杂的一块业务。是把"物"变为"钱"的一个中转站。

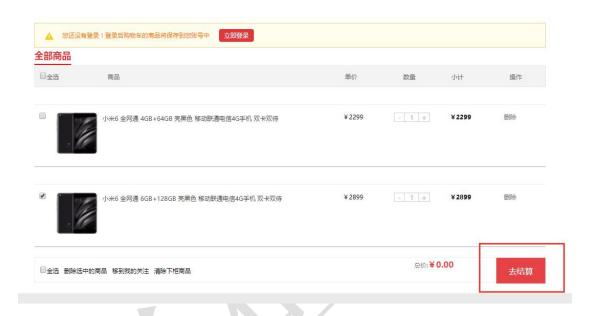
整个订单模块一共分四部分组成:

- 1. 结算
- 2. 下单
- 3. 对接支付服务
- 4. 对接库存管理系统



# 二、结算页

入口: 购物车点击计算按钮



# 1 搭建模块

# 1.1 gmall-order-web (模块已添加)

application.properties

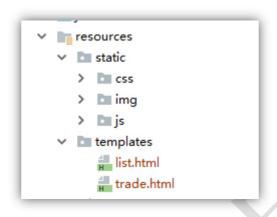
```
spring.dubbo.application.name=order-web
spring.dubbo.registry.protocol=zookeeper
spring.dubbo.registry.address=192.168.67.163:2181
spring.dubbo.base-package=com.atguigu.gmall
spring.dubbo.protocol.name=dubbo
spring.dubbo.consumer.timeout=10000
spring.dubbo.consumer.check=false
server.port=8088
```





```
spring.thymeleaf.cache=false
spring.thymeleaf.mode=LEGACYHTML5
```

拷贝静态资源文件和 html



### host 文件

```
# gmall
192.168.67.163 cart.gmall.com passport.atguigu.com item.gmall.com list.gmall.com
manage.gmall.com www.gmall.com resource.gmall.com order.gmall.com
```

### nginx.conf

```
upstream order.gmall.com{
    server 192.168.67.1:8088;
}
server {
    listen 80;
    server_name order.gmall.com;
    location / {
        proxy_pass http://order.gmall.com;
        proxy_set_header X-forwarded-for $proxy_add_x_forwarded_for;
    }
}
```

## 2 分析

分析页面需要的数据:

1、用户地址列表(已完成)

3



2、购物车中选择的商品列表

## 3 购物车中选择的商品列表

## 3.1 在 CartServiceImpl.java

```
public List<CartInfo> getCartCheckedList(String userId){
    //优先从缓存中取值
    Jedis jedis = redisUtil.getJedis();
    List<String> skuJsonlist = jedis.hvals("user:" + userId + ":cartChecked");
    List<CartInfo> cartInfoList=new ArrayList<>();
    if(skuJsonlist!=null &&skuJsonlist.size()!=0){
        //序列化
        for (String skuJson : skuJsonlist) {
            CartInfo cartInfo = JSON.parseObject(skuJson, CartInfo.class);
            cartInfoList.add( cartInfo);
        }
    }
    return cartInfoList;
}
```

要把查询出来的 cartInfoList 装配到 orderDetailList 中

# 3.2 订单明细的数据结构:

```
order_detail(订单明细表)

②id 编号
☑ order_id 订单编号
☑ sku_id

App sku_name sku名称(冗余)

App img_url 图片名称(冗余)

## order_price 购买价格(下单时sku价格)

App sku_num 购买个数
```

在 bean 下建立 order\_detail

```
public class OrderDetail implements Serializable {
```



```
@Id
@Column
private String id;
@Column
private String orderId;
@Column
private String skuld;
@Column
private String skuName;
@Column
private String imgUrl;
@Column
private BigDecimal orderPrice;
@Column
private Integer skuNum;
@Transient
private String hasStock;
```

其中 hasStock 是一个非持久化属性,用户传递【是否还有库存】的标志。

#### 3.3 OrderController

加入 tradeInit 方法

```
@RequestMapping(value = "trade", method = RequestMethod.GET)
@LoginRequire
public String tradeInit(HttpServletRequest request, Model model){
    String userId=(String)request.getAttribute("userId");
    //查询用户地址信息
    List<UserAddress> addresssList = userManageService.getUserAddressList( userId );
    request.setAttribute("addressList",addresssList);
    //查询商品清单
    List<CartInfo> cartInfoList=cartService.getCartCheckedList(userId);
    List<OrderDetail> orderDetailList=new ArrayList();
    Integer totalNum=0;
    BigDecimal totalAmount=new BigDecimal(0);
    for (CartInfo cartInfo : cartInfoList) {
         OrderDetail orderDetail=new OrderDetail();
         orderDetail.setSkuId(cartInfo.getSkuId());
         orderDetail.setSkuName(cartInfo.getSkuName());
         orderDetail.setOrderPrice(cartInfo.getSkuPrice());
         orderDetail.setSkuNum(cartInfo.getSkuNum());
         orderDetail.setImgUrl(cartInfo.getImgUrl());
```





### 3.4 结算页面

商品清单部分

总金额

```
<div class="yfze">
<span class="z"> 应 付 总 额: </span><span class="hq" th:text="'
Y'+${totalAmount}"> </span>
```





```
<br/><button id="submitButton" class="tijiao">提交订单</button></div>
```

点击提交



### 增加一个表单,用于提交订单

```
<form action="/confirm_order" method="post" id="orderForm">
        <input name="consignee" id="consignee" type="hidden"/>
        <input name="deliveryAddress" id="deliveryAddress" type="hidden"/>
        <input name="orderDesc" id="orderDesc" type="hidden"/>
        <span th:each="detail:${orderDetailList}">
             <input name="skulds" type="hidden" th:value="${detail.skuld}"/>
              <input name="skuNums" type="hidden" th:value="${detail.skuNum}"/>
        </span>
</form>
```

#### 提交按钮的 js



# 三、下单

# 1 数据结构



id	主键。自动生成			
consignee	收货人名称。页面获取			
consignee_tel	收货人电话。页面获取			
deliveryAddress	收货地址。页面获取			
total_amount	总金额。计算			
order_status	订单状态,用于显示给用户查看。设定初始值。			
userId	用户Id。从拦截器已放到请求属性中。			
payment_way	支付方式 (网上支付、货到付款)。页面获取			
orderComment	订单状态。页面获取			
out_trade_no	第三方支付编号。按规则生成			
create_time	创建时间。设当前时间			
expire_time	默认当前时间+1 天			
process_status	订单进度状态,程序控制、 后台管理查看。设定初始值,			
tracking_no	物流编号,初始为空,发货后补充			
parent_order_id	拆单时产生,默认为空			



id	主键, 自动生成			
order_id	订单编号,主表保存后给从表			
sku_id	商品 id 页面传递			
sku_name	商品名称,后台添加			
img_url	图片路径,后台添加			
order_price	商品单价,从页面中获取,并验价。			
sku_num	商品个数,从页面中获取			

#### 增加实体 Bean

```
public class OrderInfo implements Serializable {
    @Column
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private String id;
    @Column
    private String consignee;
    @Column
    private String consigneeTel;
    @Column
    private BigDecimal totalAmount;
    @Column
    private OrderStatus orderStatus;
    @Column
    private ProcessStatus processStatus;
    @Column
    private String userId;
    @Column
    private PaymentWay paymentWay;
    @Column
    private Date expectDeliveryTime;
    @Column
```





```
private String deliveryAddress;
    @Column
    private String orderComment;
    @Column
    private Date createTime;
    @Column
    private String parentOrderId;
    @Column
    private String trackingNo;
    @Transient
    private List<OrderDetail> orderDetailList;
    @Transient
    private List<OrderInfo> orderSubList;
    @Transient
    private String wareld;
    @Column
    private String outTradeNo;
    public void sumTotalAmount(){
         BigDecimal totalAmount=new BigDecimal("0");
         for (OrderDetail orderDetail: orderDetailList) {
                                    totalAmount.add(orderDetail.getOrderPrice().multiply(new
              totalAmount=
BigDecimal(orderDetail.getSkuNum())));
          this.totalAmount= totalAmount;
    }
```

#### 增加枚举类

枚举类路径放到 gmall-bean 模块中和 bean 同级目录。



```
public enum OrderStatus {
       UNPAID("未支付"),
PAID("已支付"),
        WAITING_DELEVER("待发货"),
        DELEVERED("已发货"),
        CLOSED("已关闭"),
        FINISHED("已完结"),
       SPLIT("订单已拆分");
    private String comment;
    OrderStatus(String comment ){
        this.comment=comment;
    public String getComment() {
        return comment;
    }
    public void setComment(String comment) {
        this.comment = comment;
    }
}
```





```
NOTIFIED_WARE("已通知仓储",OrderStatus.PAID),
  WAITING DELEVER("待发货",OrderStatus.WAITING DELEVER),
  STOCK_EXCEPTION("库存异常",OrderStatus.PAID),
  DELEVERED("已发货",OrderStatus.DELEVERED),
  CLOSED("已关闭",OrderStatus.CLOSED),
  FINISHED("已完结",OrderStatus.FINISHED),
  PAY_FAIL("支付失败",OrderStatus.UNPAID),
  SPLIT("订单已拆分",OrderStatus.SPLIT);
private String comment;
private OrderStatus orderStatus;
ProcessStatus(String comment, OrderStatus orderStatus){
    this.comment=comment;
    this.orderStatus=orderStatus;
}
public String getComment() {
    return comment;
public void setComment(String comment) {
    this.comment = comment;
public OrderStatus getOrderStatus() {
    return orderStatus;
public void setOrderStatus(OrderStatus orderStatus) {
    this.orderStatus = orderStatus;
}
```

```
public enum PaymentWay {
    ONLINE("在线支付"),
    OUTLINE("货到付款");

private String comment;

PaymentWay(String comment) {
    this.comment=comment;
}

public String getComment() {
    return comment;
}

public void setComment(String comment) {
    this.comment = comment;
}
```



ı			
)			

由于涉及枚举类所以 application.properties 中要加入

mapper.enum-as-simple-type=true

这个配置会把枚举类当成字符串处理。

# 2 分析下单:

- 1. 保存单据前要做交易:验库存、验价
- 2. 保存单据。
- 3. 保存以后把购物车中的商品删除
- 4. 重定向到支付页面。





# 3 订单后台服务模块

## 3.1 搭建 gmall-order-service

II New Module						
Project Metac	data					
Group:	com.atguigu.gmall					
Artifact:	gmall-order-service					
<u>T</u> ype:	Maven Project (Generate a Maven based project archive)					
<u>L</u> anguage:	Java					
Packaging:	Jar v					
<u>J</u> ava Version:	8 ~					
Version:	0.0.1-SNAPSHOT					
Na <u>m</u> e:	gmall-order-service					
<u>D</u> escription:	Demo project for Spring Boot					
Pac <u>k</u> age:	com.atguigu.gmall.order					
■ New Module	×					
Dependencies	Q Spring Boot 1.5.10 ∨ Selected Dependencies					
Core	☐ DevTools					
Web	Security					
Template Engin	Es ☐ Lombok ☐ Configuration Processor					
1.32	Configuration Processor					
■ New Mod	dule					
Module nam	gmall-order-service					
wodule nam	grian-order-service					
Content roof	b:\work4idea\gmall2018\gmall-order-service					
Module file l	location: D:\work4idea\gmall2018\gmall-order-service					

#### pom.xml



```
<modelVersion>4.0.0</modelVersion>
   <groupId>com.atguigu.gmall
   <artifactId>gmall-order-service</artifactId>
   <version>0.0.1-SNAPSHOT</version>
   <packaging>jar</packaging>
   <name>gmall-order-service</name>
   <description>Demo project for Spring Boot</description>
   <parent>
      <groupId>com.atguigu.gmall
      <artifactId>gmall-parent</artifactId>
      <version>1.0-SNAPSHOT</version>
   </parent>
   <dependencies>
      <dependency>
         <groupId>com.atguigu.gmall
         <artifactId>gmall-interface</artifactId>
          <version>1.0-SNAPSHOT</version>
      </dependency>
      <dependency>
         <groupId>com.atguigu.gmall
         <artifactId>gmall-service-util</artifactId>
         <version>1.0-SNAPSHOT</version>
      </dependency>
   </dependencies>
   <build>
      <plugins>
         <plugin>
             <groupId>org.springframework.boot</groupId>
             <artifactId>spring-boot-maven-plugin</artifactId>
         </plugin>
      </plugins>
   </build>
</project>
```

#### application.properties

```
server.port=8078

logging.level.root=debug

spring.dubbo.application.name=order-service
```



```
spring.dubbo.registry.protocol=zookeeper
spring.dubbo.registry.address=192.168.67.163:2181
spring.dubbo.base-package=com.atguigu.gmall
spring.dubbo.protocol.name=dubbo
spring.dubbo.consumer.timeout=100000
spring.dubbo.consumer.check=false

spring.datasource.url=jdbc:mysql://59.110.141.236:3306/gmall?characterEncoding=UTF-8
spring.datasource.username=root
spring.datasource.password=123456

mybatis.mapper-locations=classpath:mapper/*Mapper.xml
mybatis.configuration.mapUnderscoreToCamelCase=true

spring.redis.host=192.168.67.163
spring.redis.port=6379
spring.redis.database=0
```

#### GmallOrderServiceApplication

```
@SpringBootApplication
@MapperScan(basePackages = "com.atguigu.gmall.order.mapper")
@ComponentScan(basePackages = "com.atguigu.gmall")
public class GmallOrderServiceApplication {

    public static void main(String[] args) {
        SpringApplication.run(GmallOrderServiceApplication.class, args);
    }
}
```

## 3.2 增加 OrderServiceImpl

```
@Service
public class OrderServiceImpl implements OrderService{

@Autowired
OrderInfoMapper orderInfoMapper;

@Autowired
OrderDetailMapper orderDetailMapper;

@Override
@Transactional
public void saveOrder(OrderInfo orderInfo){
//增加时间、状态、生成外部流水号
```





```
orderInfo.setCreateTime(new Date());
         if(orderInfo.getOrderStatus()==null){
              orderInfo.setOrderStatus(ProcessStatus.UNPAID.getOrderStatus());
         if(orderInfo.getProcessStatus()==null){
              orderInfo.setProcessStatus(ProcessStatus.UNPAID);
         }
orderInfo.setOutTradeNo(OrderConst.out_trade_no_prefix+System.currentTimeMillis()+"000"+n
ew Random().nextInt(1000));
         orderInfoMapper.insertSelective(orderInfo);
         System.out.println(orderInfo);
         List<OrderDetail> orderDetailList=orderInfo.getOrderDetailList();
         for (OrderDetail orderDetail: orderDetailList) {
              orderDetail.setOrderId(orderInfo.getId());
              orderDetailMapper.insertSelective(orderDetail);
     }
}
```

## 3.3 CartServiceImpl 中增加删除购物车方法

```
public void delCartCheckedList(String userId,List<String> skulds){

Example example=new Example(CartInfo.class);
    example.createCriteria().andIn("skuld",skulds);
    cartInfoMapper.deleteByExample(example);

Jedis jedis=redisUtil.getJedis();
    jedis.pipelined();
    for (String skuld : skulds) {
        jedis.hdel("user:" + userId + ":cartChecked",skuld);
        jedis.hdel("user:" + userId + ":cart",skuld);
    }
    jedis.sync();
    jedis.close();
}
```



#### 3.4 OrderController

```
@RequestMapping(value = "submitOrder" ,method = RequestMethod.POST)
@LoginRequire(debugUserId = "8")
public String submitOrder(OrderInfo orderInfo , HttpServletRequest request){
    String userId = (String) request.getAttribute("userId");
    List<OrderDetail> orderDetailList = orderInfo.getOrderDetailList();
    for (OrderDetail orderDetail: orderDetailList) {
         SkuInfo skuInfo = manageService.getSkuInfo(orderDetail.getSkuId());
         if(!orderDetail.getOrderPrice().equals(skuInfo.getPrice())){
              cartService.loadCartCache(userId);
              request.setAttribute("errMsg","商品["+skuInfo.getSkuName()+"]价格已发生变
化,请在购物车页面重新进行结算");
              return "tradeFail";
         }
         orderDetail.setImgUrl(skuInfo.getSkuDefaultImg());
         orderDetail.setSkuName(skuInfo.getSkuName());
    }
    orderInfo.setUserId(userId);
    orderInfo.sumTotalAmount();
    orderService.saveOrder(orderInfo);
    List<String> skuldList =new ArrayList<>();
    for (OrderDetail orderDetail : orderDetailList) {
         skuldList.add(orderDetail.getSkuld());
    }
    cartService.delCartCheckedList(userId,skuIdList);
    return "redirect://payment.gmall.com/index";
}
```

### 3.5 页面 trade.html



```
$("#submitButton").click(function () {
    $("#consignee").val($("input[type='radio']:checked").next().text());

$("#deliveryAddress").val($("input[type='radio']:checked").next().next().te
xt());

$("#paymentWay").val("ONLINE");

$("#orderComment").val($("#orderCommentPage").val());

console.log($("#orderForm").html());

$("#orderForm").submit();

});
```

## 4 如何解决用户利用浏览器刷新和回退重复提交订单?

在进入结算页面时,生成一个结算流水号,然后保存到结算页面的隐藏元素中,每次用户提交都检查该流水号与页面提交的是否相符,订单保存以后把后台的流水号删除掉。那么第二次用户用同一个页面提交的话流水号就会匹配失败,无法重复保存订单。



## 4.1 修改结算页增加流水号的生成。

#### 4.1.1 OrderServiceImpl

```
//生成流水号
@Override
public String genTradeNo(String userId){
    Jedis jedis = redisUtil.getJedis();
    String userTradeNoKey="user:"+userId+":tradeNo";
    UUID uuid = UUID.randomUUID();
    jedis.setex(userTradeNoKey,OrderConst.tradeExpire,uuid.toString());
    return uuid.toString();
}
//验证流水号
@Override
public boolean checkTradeNo(String userId,String trackNo){
    Jedis jedis = redisUtil.getJedis();
    String userTradeNoKey="user:"+userId+":tradeNo";
    String uuid = jedis.get(userTradeNoKey);
    if(trackNo!=null&&trackNo.equals(uuid)){
         return true;
    return false;
}
//删除流水号
@Override
public void delTradeNo(String userId ){
    Jedis jedis = redisUtil.getJedis();
    String userTradeNoKey="user:"+userId+":tradeNo";
    jedis.del(userTradeNoKey);
    return ;
}
```

### 4.1.2 常量类

```
public interface OrderConst {
    public static final String out_trade_no_prefix="ATGUIGU";
    public static final int tradeExpire=10*60;
}
```



### 4.2 OrderController 中的 trade 方法中

```
String tradeNo = orderService.genTradeNo(userId);
request.setAttribute("tradeNo", tradeNo);
```

## 4.3 OrderController 中的 submitOrder 方法中

```
@RequestMapping(value = "submitOrder", method = RequestMethod.POST)
@LoginRequire(debugUserId = "8")
public String submitOrder(OrderInfo orderInfo , HttpServletRequest request){
    String userId = (String) request.getAttribute("userId");
    String tradeNo= request.getParameter("tradeNo");
    Boolean hasTradeNo=orderService.checkTradeNo(userId,tradeNo);
    if(!hasTradeNo){
         request.setAttribute("errMsg","结算页面过期或已失效,请重新结算。");
         return "tradeFail";
    List<OrderDetail> orderDetailList = orderInfo.getOrderDetailList();
    for (OrderDetail orderDetail: orderDetailList) {
         Skulnfo skulnfo = manageService.getSkulnfo(orderDetail.getSkuld());
         if(!orderDetail.getOrderPrice().equals(skuInfo.getPrice())){
             cartService.loadCartCache(userId);
             request.setAttribute("errMsg","商品["+skuInfo.getSkuName()+"]价格已发生变
化,请在购物车页面重新进行结算");
             return "tradeFail";
         orderDetail.setImgUrl(skuInfo.getSkuDefaultImg());
         orderDetail.setSkuName(skuInfo.getSkuName());
    }
    orderInfo.setUserId(userId);
    orderInfo.sumTotalAmount();
    orderService.saveOrder(orderInfo);
```



```
List<String> skuldList =new ArrayList<>();
    for (OrderDetail orderDetail: orderDetailList) {
        skuldList.add(orderDetail.getSkuld());
    }
    cartService.delCartCheckedList(userld,skuldList);
    orderService.delTradeNo(userld);
    return "redirect://payment.gmall.com/index";
}
```

## 5 验库存

通过 restful 接口查询商品是否有库存

一般电商系统的商品库存,都不由电商系统本身来管理,由另外一套仓库管理系统,或者进销存系统来管理,电商系统通过第三方接口调用该系统。

由于库管系统可能是异构的系统,所以不在 dubbo 的分布式体系之内。只支持 restful 风格的 webservice 调用和消息队列的调用。

详见《库存管理系统手册》

根据手册中的接口文档,编写调用代码。

## . 1、 查询库存。

接口₽	/hasStock@	
请求参数↩	skuld: 商品 skuld√	
	num: 商品数量₽	
请求方式↔	get₽	
例↩	/hasStock?skuId=10221#=2 ↔	

# 5.1 OrderController 中注入 application.properties 的值

```
@Value("${ware_sys_url}")
public String ware_sys_url;
```



增加方法

```
private String hasStorkBySkuidAndNum(String skuid,String num) {
    String url=ware_sys_url+"/hasStock";
    url=url+"?skuId="+skuid+"&num="+num;
    String result = HttpclientUtil.doGet(url);
    return result;
}
```

### 5.2 submitOrder 中增加 方法

```
@RequestMapping(value = "submitOrder", method = RequestMethod.POST)
@LoginRequire(debugUserId = "8")
public String submitOrder(OrderInfo orderInfo , HttpServletRequest request){
    String userId = (String) request.getAttribute("userId");
    String tradeNo= request.getParameter("tradeNo");
    Boolean hasTradeNo=orderService.checkTradeNo(userId,tradeNo);
    if(!hasTradeNo){
         request.setAttribute("errMsg","结算页面过期或已失效,请重新结算。");
         return "tradeFail";
    }
    List<OrderDetail> orderDetailList = orderInfo.getOrderDetailList();
    for (OrderDetail orderDetail: orderDetailList) {
         SkuInfo skuInfo = manageService.getSkuInfo(orderDetail.getSkuId());
         //验价
         if(!orderDetail.getOrderPrice().equals(skuInfo.getPrice())){
             cartService.loadCartCache(userId);
             request.setAttribute("errMsg","商品["+skuInfo.getSkuName()+"]价格已发生变
化,请在购物车页面重新进行结算");
             return "tradeFail";
         String
                     hasStock
                                             hasStorkBySkuidAndNum(orderDetail.getSkuId(),
String.valueOf(orderDetail.getSkuNum()));
         if (hasStock==null||hasStock.equals("0")){
             request.setAttribute("errMsg","商品["+skuInfo.getSkuName()+"]暂时缺货。");
             return "tradeFail";
         }
         order Detail. setImg Url (skuInfo.getSkuDefaultImg ());\\
         orderDetail.setSkuName(skuInfo.getSkuName());
```



```
orderInfo.setUserId(userId);
orderInfo.sumTotalAmount();

orderService.saveOrder(orderInfo);

List<String> skuldList =new ArrayList<>();
for (OrderDetail orderDetail: orderDetailList) {
    skuldList.add(orderDetail.getSkuld());
}
cartService.delCartCheckedList(userId,skuldList);
orderService.delTradeNo(userId);
return "redirect://payment.gmall.com/index";
}
```

# 我的订单(不做讲解)

### OrderInfoMapper

```
public interface OrderInfoMapper extends Mapper<OrderInfo>{
    public List<OrderInfo> selectOrderListByUser(Long userId);
}
```

## OrderInfoMapper.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE mapper SYSTEM "http://mybatis.org/dtd/mybatis-3-mapper.dtd" >
<mapper namespace="com.atguigu.gmall.order.mapper.OrderInfoMapper">
                                      ="selectOrderListByUser"
    <select
                                                                    parameterType="long"
resultMap="orderInfoListMap">
         SELECT o.id,
         o.consignee,
         o.consignee_tel,
         o.total_amount,
         o.order_status,
         o.user_id,
         payment way,
         o.delivery_address,
         o.order_comment,
         o.out_trade_no,
         o.create_time,
```





```
o.expire_time,
         o.process status,
         o.tracking no,
         o.parent_order_id,
         od.order_id,
         od.order_price,
         od.sku_num,
         od.id order_detail_id,
         od.img url,
         od.sku id,
         od.sku name
         FROM order_info o INNER JOIN order_detail od ON o.id=od.order_id
         WHERE user id=#{userId} order by create time desc
    </select>
    <resultMap
                      id="orderInfoListMap"
                                                    type="com.atguigu.gmall.bean.OrderInfo"
autoMapping="true">
         <result property="id" column="id" ></result>
         <collection property="orderDetailList" ofType="com.atguigu.gmall.bean.OrderDetail"
autoMapping="true">
              <result property="id" column="order_detail_id" ></result>
         </collection>
    </resultMap>
</mapper>
```

## OrderServiceImpl

```
@Override
public List<OrderInfo> getOrderListByUser(String userId) {
    // 优先去查缓存
    //缓存未命中 去查库

    List<OrderInfo> orderInfoList =
    orderInfoMapper.selectOrderListByUser(Long.parseLong(userId));
    return orderInfoList;
}
```



#### OrderController

```
@RequestMapping(value = "list",method = RequestMethod.GET)
@LoginRequire
public String getOrderList(HttpServletRequest httpServletRequest,Model model){
    String userId =(String) httpServletRequest.getAttribute("userId");
    List<OrderInfo> orderList = orderService.getOrderListByUser(userId);
    model.addAttribute("orderList", orderList");
    return "list";
}
```

### list.html (涉及渲染的片段)

```
style="color:#AAAAAA"
    <span
th:text="${#dates.format(orderInfo.createTime,'yyyy-mm-dd HH:MM:SS')}"> </span>
    <span><rubv
                style="color:#AAAAAA">
                                                    :</ruby><span
th:text="${orderInfo.id}"></span> </span>
    <span th:text="${orderInfo.orderStatus.getComment()}">已拆分 </span>
   <!-- 不拆单情况---
 <!-- 不拆单情况---
 <!--不拆单情况-
                              th:if="${orderInfo.orderStatus.toString()!='SPLIT'}"
 <tr
th:each="orderDetail,state:${orderInfo.orderDetailList}">
   <img src="img/ding.jpg" alt="" class="img">
      </div>
    <div style="margin-left:15px;" th:text="'x'+${orderDetail.skuNum}"></div>
   <td
             th:if="${state.index==0}"
                                    th:rowspan="${state.size}"
                                                         ><span
th:text="${orderInfo.consignee}"></span> 
   <div style="margin-left:15px;" th:text="'总额 Y'+${orderInfo.totalAmount}"> </div>
    <hr style="width:90%;">
    在线支付
   style="color:#71B247;" th:text="${orderInfo.orderStatus.getComment()}"> 等 待 收 货
```



```
<li
      style="margin:4px
                0;" class="hide"><i class="table i2"></i>
                                           踪
                                              <i
class="table i3"></i>
    <div class="hi">
      <div class="p-tit">
             运单号:390085324974
       普通快递
      </div>
      <div class="hideList">
       [北京市] 在北京昌平区南口公司进行签收扫描,快件已被拍照(您
         的快件已签收,感谢您使用韵达快递)签收
        [北京市] 在北京昌平区南口公司进行签收扫描,快件已被拍照(您
         的快件已签收,感谢您使用韵达快递)签收
        [北京昌平区南口公司] 在北京昌平区南口公司进行派件扫描
        [北京市] 在北京昌平区南口公司进行派件扫描;派送业务员:业务员;联系
电话:17319268636
        </div>
    </div>
   订单详情
  <button>确认收货</button>
  取消订单
  催单
```