

尚筹网

[20-尚硅谷-尚筹网-前台-订单]

1 搭建 order-consumer 开发环境

参照 project-consumer

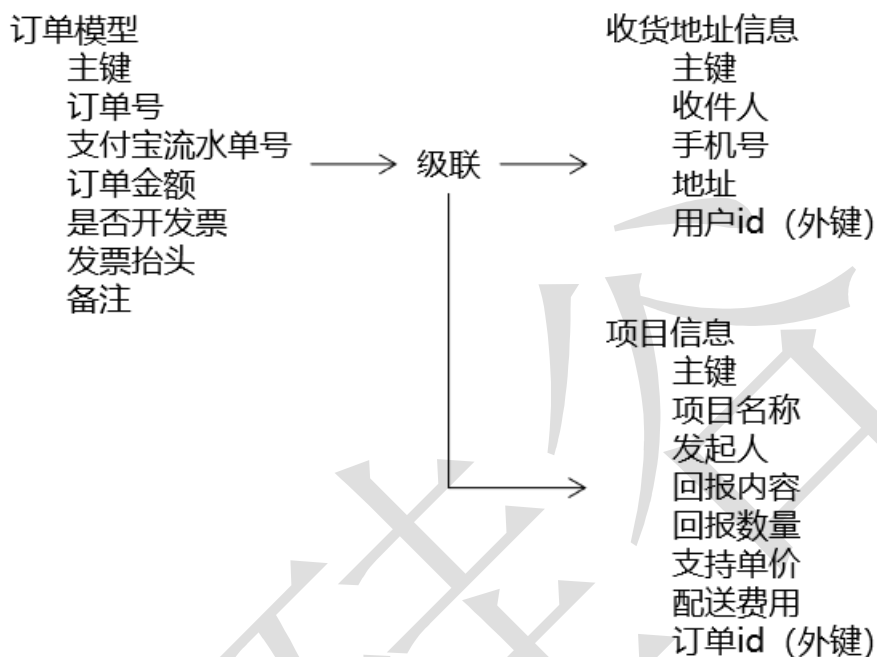
注意：不要忘了在 zuul 里面添加 order-consumer 对应的路由规则



```
zuul:
  ignored-services: "*"
  sensitive-headers: "*" # 在 Zuul 向其他微服务重定向时保持原本头信息（请求头、响应头）
  routes:
    crowd-portal:
      service-id: atguigu-crowd-auth
      path: /** # 这里一定要使用两个“**”号，不然“/”路径后面的多层路径将无法访问
    crowd-project:
      service-id: atguigu-crowd-project
      path: /project/**
    crowd-order:
      service-id: atguigu-crowd-order
      path: /order/**
```

2 建模

2.1 结构



2.2 物理建模

2.2.1 订单表

```

CREATE TABLE `project_crowd`.`t_order`
(
    `id` INT NOT NULL AUTO_INCREMENT COMMENT '主键',
    `order_num` CHAR(100) COMMENT '订单号',
    `pay_order_num` CHAR(100) COMMENT '支付宝流水号',
    `order_amount` DOUBLE(10,5) COMMENT '订单金额',
    `invoice` INT COMMENT '是否开发票（0 不开，1 开）',
    `invoice_title` CHAR(100) COMMENT '发票抬头',
    `order_remark` CHAR(100) COMMENT '订单备注',
    `address_id` CHAR(100) COMMENT '收货地址 id',
    PRIMARY KEY (`id`)
);
    
```

2.2.2 收货地址表

```

CREATE TABLE `project_crowd`.`t_address`
(
    `id` INT NOT NULL AUTO_INCREMENT COMMENT '主键',
    
```

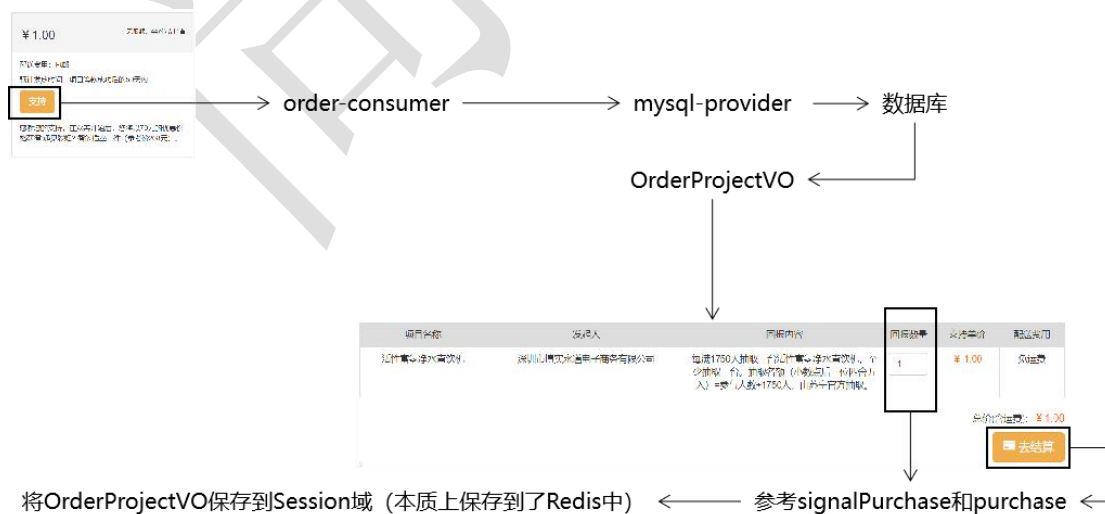
```
`receive_name` CHAR(100) COMMENT '收件人',
`phone_num` CHAR(100) COMMENT '手机号',
`address` CHAR(200) COMMENT '收货地址',
`member_id` INT COMMENT '用户 id',
PRIMARY KEY (`id`)
);
```

2.2.3 项目信息表

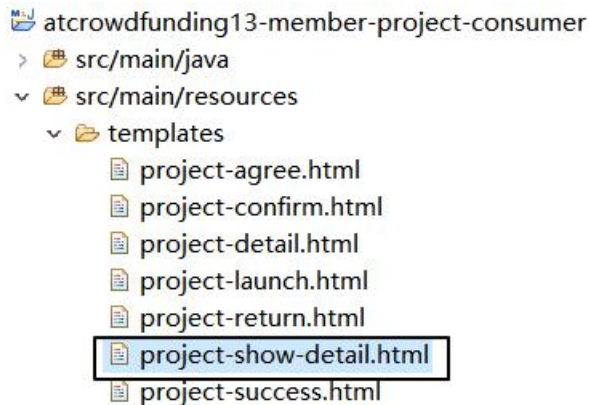
```
CREATE TABLE `project_crowd`.`t_order_project`
(
  `id` INT NOT NULL AUTO_INCREMENT COMMENT '主键',
  `project_name` CHAR(200) COMMENT '项目名称',
  `launch_name` CHAR(100) COMMENT '发起人',
  `return_content` CHAR(200) COMMENT '回报内容',
  `return_count` INT COMMENT '回报数量',
  `support_price` INT COMMENT '支持单价',
  `freight` INT COMMENT '配送费用',
  `order_id` INT COMMENT '订单表的主键',
  PRIMARY KEY (`id`)
);
```

3 目标 1：确认回报内容

3.1 思路



3.2 操作起点

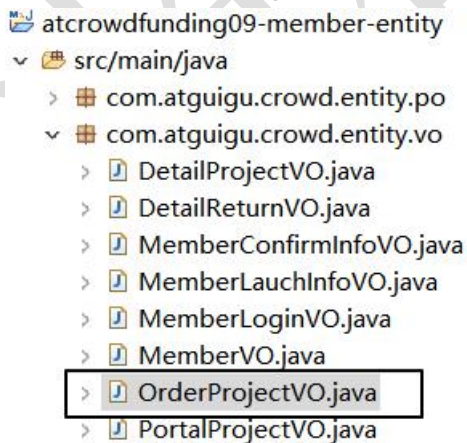


```
<a th:href="'http://www.crowd.com/order/confirm/return/info/'+${detailProjectVO.projectId}+'/'+${return.returnId}'"
class="btn btn-warning btn-lg">支持</a>
```

注意 1: 因为需要从 project-consumer 跳转到 order-consumer, 所以要通过域名经过网关进行访问, 以保证能够保持会话状态。

注意 2: 需要携带项目 id 和回报 id 便于查询数据

3.3 创建 OrderProjectVO



```
@Data
@NoArgsConstructor
@AllArgsConstructor
public class OrderProjectVO implements Serializable {

    private static final long serialVersionUID = 1L;
```

```
private Integer id;

private String projectName;

private String launchName;

private String returnContent;

private Integer returnCount;

private Integer supportPrice;

private Integer freight;

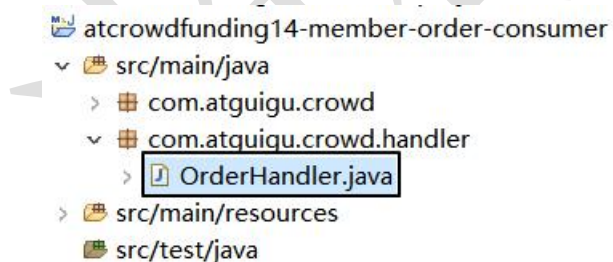
private Integer orderId;

private Integer signalPurchase;

private Integer purchase;

}
```

3.4 调用接口



```
atcrowdfunding14-member-order-consumer
├── src/main/java
│   ├── com.atguigu.crowd
│   └── com.atguigu.crowd.handler
│       └── OrderHandler.java
├── src/main/resources
└── src/test/java
```

```
@RequestMapping("/confirm/return/info/{projectId}/{returnId}")
public String showReturnConfirmInfo(
    @PathVariable("projectId") Integer projectId,
    @PathVariable("returnId") Integer returnId,
    Model model) {

    ResultEntity<OrderProjectVO> resultEntity =
        mySQLRemoteService.getOrderProjectVORemote(projectId, returnId);

    if(ResultEntity.SUCCESS.equals(resultEntity.getResult())) {
        OrderProjectVO orderProjectVO = resultEntity.getData();
    }
}
```

```
        model.addAttribute("orderProjectVO", orderProjectVO);
    }

    return "confirm_return";
}
```

3.5 Feign 接口

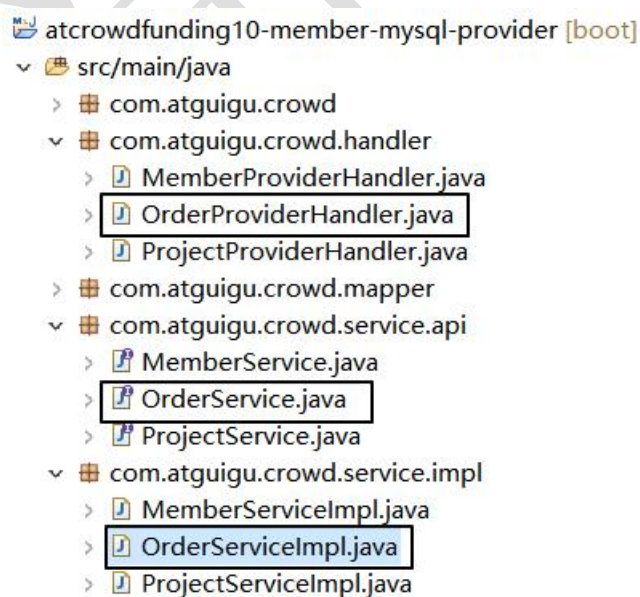


```
@FeignClient("atguigu-crowd-mysql")
public interface MySQLRemoteService {

    // .....

    @RequestMapping("/get/order/project/vo/remote")
    ResultEntity<OrderProjectVO> getOrderProjectVORemote(@RequestParam("projectId")
    Integer projectId, @RequestParam("returnId") Integer returnId);
}
```

3.6 完成接口



OrderProviderHandler

```
@RequestMapping("/confirm/return/info/{projectId}/{returnId}")
public String showReturnConfirmInfo(
    @PathVariable("projectId") Integer projectId,
    @PathVariable("returnId") Integer returnId,
    HttpSession session) {

    ResultEntity<OrderProjectVO> resultEntity =
        mySQLRemoteService.getOrderProjectVORemote(projectId, returnId);

    if(ResultEntity.SUCCESS.equals(resultEntity.getResult())) {
        OrderProjectVO orderProjectVO = resultEntity.getData();

        // 为了能够在后续操作中保持 orderProjectVO 数据，存入 Session 域
        session.setAttribute("orderProjectVO", orderProjectVO);
    }

    return "confirm_return";
}
```

OrderServiceImpl

```
@Override
public OrderProjectVO getOrderProjectVO(Integer projectId, Integer returnId) {

    return orderProjectPOMapper.selectOrderProjectVO(returnId);
}
```

SQL

```
atcrowdfunding10-member-mysql-provider [boot]
├── src/main/java
└── src/main/resources
    ├── mybatis
    │   └── mapper
    │       ├── AddressPOMapper.xml
    │       ├── MemberConfirmInfoPOMapper.xml
    │       ├── MemberLaunchInfoPOMapper.xml
    │       ├── MemberPOMapper.xml
    │       ├── OrderPOMapper.xml
    │       └── OrderProjectPOMapper.xml
    ├── ProjectItemPicPOMapper.xml
    ├── ProjectPOMapper.xml
    ├── ReturnPOMapper.xml
    ├── TagPOMapper.xml
    └── TypePOMapper.xml
```

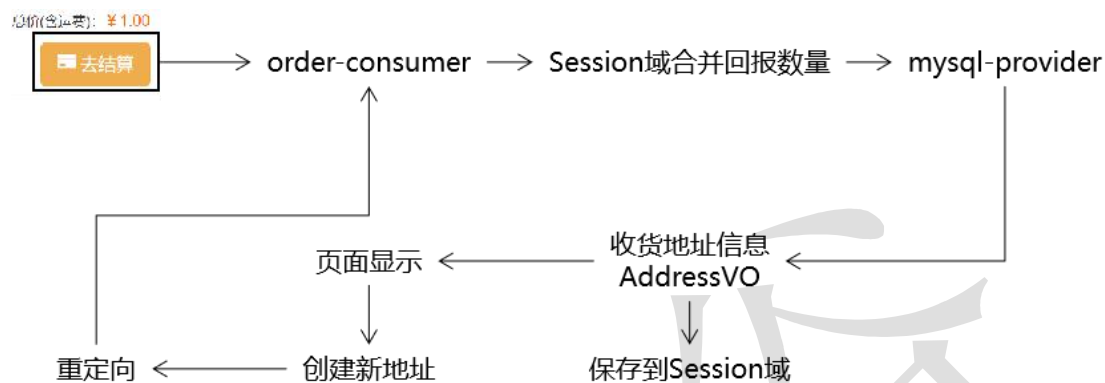
```
<select id="selectOrderProjectVO" resultType="com.atguigu.crowd.entity.vo.OrderProjectVO">
    SELECT DISTINCT
        project_name projectName,
        content returnContent,
        `description_simple` launchName,
        t_return.`supportmoney` supportPrice,
        `freight` freight,
        `count` returnCount,
        `signalpurchase` signalPurchase,
        `purchase` purchase
    FROM t_project
        LEFT JOIN t_member_launch_info ON
t_project.memberid=t_member_launch_info.memberid
        LEFT JOIN t_return ON t_project.id=t_return.projectid
    WHERE t_return.id=#{returnId}
</select>
```

3.7 完成页面显示

```
atcrowdfunding14-member-order-consumer [boot]
├── src/main/java
└── src/main/resources
    ├── templates
    │   └── confirm_return.html
```


4 目标 2：确认订单

4.1 思路



4.2 创建 AddressVO

```

atcrowdfunding09-member-entity
├── src/main/java
│   ├── com.atguigu.crowd.entity.po
│   └── com.atguigu.crowd.entity.vo
│       ├── AddressVO.java
│       └── DetailProjectVO.java
  
```

```

@Data
@NoArgsConstructor
@AllArgsConstructor
public class AddressVO {

    private Integer id;

    private String receiveName;

    private String phoneNum;

    private String address;

    private Integer memberId;

}
  
```

4.3 Session 域合并回报数量

```
atcrowdfunding14-member-order-consumer [
  src/main/java
    com.atguigu.crowd
    com.atguigu.crowd.handler
      OrderHandler.java
  src/main/resources
```

```
@RequestMapping("/confirm/order/{returnCount}")
public String showConfirmOrderInfo(
    @PathVariable("returnCount") Integer returnCount,
    HttpSession session) {

    // 1.把接收到的回报数量合并到 Session 域
    OrderProjectVO orderProjectVO = (OrderProjectVO) session.getAttribute("orderProjectVO");

    orderProjectVO.setReturnCount(returnCount);

    session.setAttribute("orderProjectVO", orderProjectVO);

    // 2.获取当前已登录用户的 id
    MemberLoginVO memberLoginVO = (MemberLoginVO)
    session.getAttribute(CrowdConstant.ATTR_NAME_LOGIN_MEMBER);

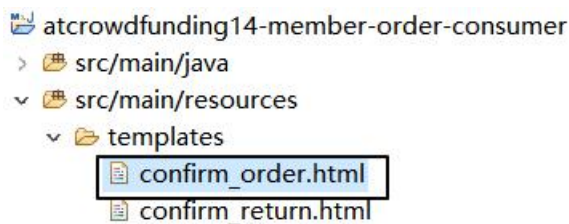
    Integer memberId = memberLoginVO.getId();

    // 3.查询目前的收货地址数据
    ResultEntity<List<AddressVO>> resultEntity =
    mySQLRemoteService.getAddressVORemote(memberId);

    if(ResultEntity.SUCCESS.equals(resultEntity.getResult())) {
        List<AddressVO> list = resultEntity.getData();
        session.setAttribute("addressVOList", list);
    }

    return "confirm_order";
}
```

4.4 页面显示



4.5 新增收货地址

思路总结：保存新地址后重新进入当前页面!!!



4.6 控制立即付款按钮是否有效

勾选“我已了解风险和规则” 多选框：按钮有效

未勾“我已了解风险和规则” 多选框：按钮无效

```
$("#knowRoleCheckBox").click(function(){
    var currentStatus = this.checked;
    if(currentStatus) {
        $("#payButton").prop("disabled", "");
    }else{
        $("#payButton").prop("disabled","disabled");
    }
});
```