# BaseAction

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | BaseAction | 包名  Package name | com.grq.controller.action |
| 引用导入  Import file |  | | |
| 继承 extends |  | 实现 implements |  |
| 属性变量  Attribute variable | +sf INDEX:String  +sf MAIN:String  +sf MANAGE:String | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram）  + execute():String  + index():String  + main():String  + manage():String | | | |

# SharkAction

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | SharkAction | 包名  Package name | com.grq.controller.action.shark |
| 引用导入  Import file |  | | |
| 继承 extends | BaseAction | 实现 implements |  |
| 属性变量  Attribute variable |  | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram）  + gdial():String  + gpanel():String  + grule():String | | | |

# SnakeAction

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | SnakeAction | 包名  Package name | com.grq.controller.action.snake |
| 引用导入  Import file |  | | |
| 继承 extends | BaseAction | 实现 implements |  |
| 属性变量  Attribute variable |  | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram） | | | |

# InvestAction

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | InvestAction | 包名  Package name | com.grq.controller.action.invest |
| 引用导入  Import file |  | | |
| 继承 extends | BaseAction | 实现 implements |  |
| 属性变量  Attribute variable |  | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram）  + ranking():String  + sales():String | | | |

# PriceAction

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | PriceAction | 包名  Package name | com.grq.controller.action.price |
| 引用导入  Import file |  | | |
| 继承 extends | BaseAction | 实现 implements |  |
| 属性变量  Attribute variable |  | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram） | | | |

# PrepareAction

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | PrepareAction | 包名  Package name | com.grq.controller.action.prepare |
| 引用导入  Import file |  | | |
| 继承 extends | BaseAction | 实现 implements |  |
| 属性变量  Attribute variable |  | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram） | | | |

# BocaiAction

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | BocaiAction | 包名  Package name | com.grq.controller.action.bocai |
| 引用导入  Import file |  | | |
| 继承 extends | BaseAction | 实现 implements |  |
| 属性变量  Attribute variable |  | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram）  + aboutbc():String  + joinbc():String | | | |

# ManageAction

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | ManageAction | 包名  Package name | com.grq.controller.action.manage |
| 引用导入  Import file |  | | |
| 继承 extends | BaseAction | 实现 implements |  |
| 属性变量  Attribute variable |  | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram）  + sidebar():String | | | |

# UserAction

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | UserAction | 包名  Package name | com.grq.controller.action.manage |
| 引用导入  Import file |  | | |
| 继承 extends | BaseAction | 实现 implements |  |
| 属性变量  Attribute variable |  | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram）  + usilverbuy():String  + usilversell():String  + uinquiryaccount():String  + uinquirysilverrecord():String  + uinquirygame():String  + uinvest():String  + uinvestrecord():String  + ugiro():String  + ugirorecord():String  + uprofile():String  + upassquestion():String  + ubankcard():String  + umaster():String  + uapprentice():String  + cart():String  + order():String | | | |

# AdminAction

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | AdminAction | 包名  Package name | com.grq.controller.action.manage |
| 引用导入  Import file |  | | |
| 继承 extends | BaseAction | 实现 implements |  |
| 属性变量  Attribute variable |  | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram）  + webserver():String  + webdatabase():String  + webotherinformation():String  + adminuser():String  + playeruser():String  + assetgiro():String  + assetsilver():String  + assetinvest():String  + operatesales():String  + operateoption():String | | | |

# PageModel<T>

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | PageModel<T> | 包名  Package name | com.grq.model |
| 引用导入  Import file | import java.util.List; | | |
| 继承 extends |  | 实现 implements |  |
| 属性变量  Attribute variable | - totalRecords:int  - list:List<T>  - pageNo:int  - pageSize:int | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram）  // 处理方法  + getTopPageNo():int  + getPreviousPageNo():int  + getNextPageNo():int  + getBottomPageNo():int  + getTotalPages():int  // getter和settter方法  + getXxx/setXxx  (totalRecords | list | pageNo | pageSize) | | | |

# Sex <<enum>>

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | Sex <<enum>> | 包名  Package name | com.grq.model.customizeenum |
| 引用导入  Import file | import java.util.ArrayList;  import java.util.List; | | |
| 继承 extends |  | 实现 implements |  |
| 属性变量  Attribute variable | BOY{…},GIRL{…},ALL{…}; | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram）  +A getName():String  +S getValues():List<String> | | | |

# ProductCategory

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | ProductCategory | 包名  Package name | com.grq.model.pojo.product |
| 引用导入  Import file | import java.io.Serializable;  import java.util.Set;  import java.util.TreeSet; | | |
| 继承 extends |  | 实现 implements | Serializable |
| 属性变量  Attribute variable | * id:Integer * name:String * level = 1:int * children: Set<ProductCategory> * parent:ProductCategory * products = new TreeSet<ProductInfo>():Set<ProductInfo> | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram）  //构造体（Constructors）  +C ProductCategory()  +C ProductCategory( String, int, Set, ProductCategory, Set)  // getter和settter方法  + getXxx/setXxx  (id | name | level | children | parent | products) | | | |

# ProductCategory<<hbm>>

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | ProductCategory<<hbm>> | 包名  Package name | com.grq.model.pojo.product |
| 引用导入  Import file |  | | |
| 继承 extends |  | 实现 implements |  |
| 属性变量  Attribute variable | I id  P name  P level  < products   * parent   < children | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram） | | | |

# ProductInfo

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | ProductInfo | 包名  Package name | com.grq.model.pojo.product |
| 引用导入  Import file | import java.io.Serializable;  import java.util.Date;  import com.grq.model.customizeenum.Sex; | | |
| 继承 extends |  | 实现 implements | Serializable |
| 属性变量  Attribute variable | * id: Integer commend = false:Boolean * name:String clickcount = 1:Integer * description:String sellCount = 0: Integer * createTime = new Date():Date category:ProductCategory * baseprice:Float * marketprice:Float * sellprice:Float * sexrequest:Sex | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram）  //构造体（Constructors）  +C ProductInfo()  +C ProductInfo( String, String, Date, Float……)  // getter和settter方法  + getXxx/setXxx  (id | name | description | createTime | baseprice……) | | | |

# ProductInfo<<hbm>>

|  |  |  |  |
| --- | --- | --- | --- |
| 类名  Class name | ProductInfo<<hbm>> | 包名  Package name | com.grq.model.pojo.product |
| 引用导入  Import file |  | | |
| 继承 extends |  | 实现 implements |  |
| 属性变量  Attribute variable | I id P clickcount  P name P sellCount  P description > category  P createTime  P baseprice  P marketprice  P sellprice  P commend | | |
| 说明remark |  | | |
| 类方法（流程图）Class method（process diagram） | | | |

# Q