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- MIS-POS MIS-POS

action

- cardPayment

Diagram illustrating a sequence of 8 empty boxes followed by an equals sign and a greater-than sign, then a sequence of 2 empty boxes.

필드명	타입	길이	필수	설명
traceNo	String	10	필수	트레이스번호(yyyyMMddHHmmssSS)10자리
totalAmount	Price	10	필수	총액(원)10자리
undiscountAmount	Price	10	필수	할인전액(원)10자리
acquirer	String	10	필수	카드사명(예)citicCashpay10자리
goodsDetail	List<goodsDetail>	10	필수	상품코드(10자리)
memberDetail	Object<memberDetail>	10	필수	회원코드(10자리)

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```
{
  "traceNo": "990000009100010101732123",
  "totalAmount": 40.8,
  "undiscountAmount": 0,
  "acquirer": "citicCashpay",
  "goodsDetail": [
    {
      "goodsCategory": "001",
      "goodsId": "P00001",
      "goodsName": "☐☐",
      "price": 8,
      "quantity": 2,
```

```
        "rebateCode": "000"
    },
    {
        "goodsCategory": "101",
        "goodsId": "P00002",
        "goodsName": "商品",
        "price": 24.8,
        "quantity": 1,
        "rebateCode": "000"
    }
],
"memberDetail": {
    "memberId": "M000001545",
    "memberName": "TONY",
    "grade": "1",
    "status": "1",
    "balance": 1000.00,
    "pointBalance": 30000
}
```

商品名称==>商品

名称	类型	是否必填	长度	说明
traceNo	String	否	1000000	流水号
orderNo	String	否	10000	订单号
transDate	String	否	10	交易日期YYYYmmddHHMMSS
returnCode	String	否	10	00为成功其他为失败
returnDesc	String	否	100	失败原因
paidAmount	Price	否	1000000	实付金额
receiptAmount	Price	否	1000000	实收金额
invoiceAmount	Price	否	1000000	发票金额
exchangeRate	Number(8,6)	否	10	1为人民币
currency	String	否	10	币种: CNY
discountCode	String	否	10	折扣码(2016年12月31日前有效)
discountNum	Number	否	1000000	折扣数
tenderCode	String	否	10000	支付方式(2016年12月31日前有效)

属性	数据类型	是否必填	长度限制	备注
activityProductNo	String	是	15	
activityProductName	String	是	15	
needSameCard	Boolean	是	1	是否需要同一张卡
goodsDetail	List<goodsDetail>	是	15	商品详情
fundChannel	List<fundChannel>	是	10	
printDetail	Object<printDetail>	是	10	打印详情
memberDetail	Object<memberDetail>	是	10	会员详情
paymentExtra	Object<paymentDetail>	是	10	支付详情

商品详情

```
{
  "traceNo": "99000000910001011920150201",
  "orderNo": "171698602301",
  "transDate": "20161231120533",
  "returnCode": "00",
  "returnDesc": "SUCCESS",
  "paidAmount": 40.8,
  "receiptAmount": 40.8,
  "invoiceAmount": 40.8,
  "exchangeRate": 6.0939,
  "currency": "CNY",
  "discountCode": "0001",
  "discountNum": 20,
  "tenderCode": "8001",
  "activityProductNo": "000000000089349",
  "activityProductName": "365",
  "needSameCard": true,
  "goodsDetail": [
    {
      "goodsCategory": "001",
      "goodsId": "P00001",
      "goodsName": "",
      "price": 8,
```

```
    "quantity": 2,
    "rebateCode": "000",
    "activityNo": "2016123101",
    "memo": "100123456789"
  },
  {
    "goodsCategory": "101",
    "goodsId": "P00002",
    "goodsName": "□□",
    "price": 24.8,
    "quantity": 1,
    "rebateCode": "000",
    "activityNo": "2016123101",
    "memo": "100123456789"
  }
],
"fundChannel": [
  {
    "channelNo": "001",
    "channelName": "□□□□",
    "channelAmount": "20.8"
  },
  {
    "channelNo": "002",
    "channelName": "□□□□",
    "channelAmount": "20"
  }
],
"printDetail": {
  "cardNo64": "622562****8888",
  "bank": "□□□",
  "paymentOrderNo": "201612315689412157458787",
  "pointSale": "20000",
  "qrCode1": "http://www.api-location-url.com/url",
  "qrCode2": "",
  "qrCode3": "",
  "barCode1": "12345679",
  "barCode2": "",
  "barCode3": ""
},
```

```
"cardInfo": {
  "cardNo": "",
  "password": "",
  "valid": "",
  "track1": "",
  "track2": "",
  "track3": "",
  "cardSn": "",
  "icData": ""
},
"memberDetail": {
  "memberId": "M000001545",
  "memberName": "TONY",
  "grade": "1",
  "status": "1",
  "balance": 1000,
  "pointBalance": 30000
},
"voucherDetail": [
  {
    "voucherId": "001",
    "voucherName": "□□□□",
    "voucherType": "□□",
    "voucherCode": "123456789",
    "channelAmount": "20.8"
  },
  {
    "voucherId": "002",
    "voucherName": "□□□□□□",
    "voucherType": "□□",
    "voucherCode": "1232136781",
    "channelAmount": "20.8"
  }
],
"paymentExtra": {
  "acqId": "0100",
  "issuerId": "0200",
  "cardType": "0001",
  "cardOrgan": false,
  "pan": "622562****8888",
```







```
"aid": "A000000333010101"
```

```
}
```

```
}
```

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- MIS-POS MIS-POS

action

- cardRedemption

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필드명	타입	필수	길이	구분
traceNo	String	필수	100	문자열
totalAmount	Price	필수	10	숫자
undiscountAmount	Price	필수	10	숫자
goodsDetail	List<goodsDetail>	필수	100	리스트
memberDetail	Object<memberDetail>	필수	100	객체

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```
{
  "traceNo": "99000009100010101732123",
  "totalAmount": 40.8,
  "undiscountAmount": 0,
  "goodsDetail": [
    {
```



```
        "goodsCategory": "001",
        "goodsId": "P00001",
        "goodsName": "商品",
        "price": 8,
        "quantity": 2,
        "rebateCode": "000"
    },
    {
        "goodsCategory": "101",
        "goodsId": "P00002",
        "goodsName": "商品",
        "price": 24.8,
        "quantity": 1,
        "rebateCode": "000"
    }
],
"memberDetail": {
    "memberId": "M000001545",
    "memberName": "TONY",
    "grade": "1",
    "status": "1",
    "balance": 1000.00,
    "pointBalance": 30000
}
}
```

商品交易单==>单据

名称	类型	必填	说明	格式
traceNo	String	否	单据编号	单据号
orderNo	String	否	单据编号	单据号
transDate	String	否	单据日期	单据日期YYYYmmddHHMMSS
returnCode	String	否	单据类型	00单据类型
returnDesc	String	否	单据描述	单据描述
paidAmount	Price	否	单据金额	单据金额
receiptAmount	Price	否	单据金额	单据金额
invoiceAmount	Price	否	单据金额	单据金额
exchangeRate	Number(8,6)	否	单据汇率	1单据汇率

属性名	属性类型	是否必填	长度限制	默认值
currency	String	否	10	币种:CNY
discountCode	String	否	10	折扣码:20161231120533
discountNum	Number	否	10	折扣数:10
tenderCode	String	否	10	支付方式:20161231120533
activityProductNo	String	否	10	
activityProductName	String	否	10	
needSameCard	Boolean	否	10	是否需要同一卡:1
goodsDetail	List<goodsDetail>	否	10	商品详情:1
fundChannel	List<fundChannel>	否	10	
printDetail	Object<printDetail>	否	10	打印详情:1
memberDetail	Object<memberDetail>	否	10	会员详情:1

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```
{
  "traceNo": "99000009100010101732123",
  "orderNo": "171698602301",
  "transDate": "20161231120533",
  "returnCode": "00",
  "returnDesc": "SUCCESS",
  "paidAmount": 40.8,
  "receiptAmount": 40.8,
  "invoiceAmount": 40.8,
  "exchangeRate": 6.0939,
  "currency": "CNY",
  "discountCode": "0001",
  "discountNum": 20,
  "tenderCode": "8001",
  "activityProductNo": "2016123101",
  "activityProductName": "365",
  "needSameCard": true,
  "goodsDetail": [
    {
      "goodsCategory": "001",
      "goodsId": "P00001",
```

```
"goodsName": "□□",
"price": 8,
"quantity": 2,
"rebateCode": "000",
"activityNo": "2016123101",
"memo": "100123456789"
},
{
  "goodsCategory": "101",
  "goodsId": "P00002",
  "goodsName": "□□□",
  "price": 24.8,
  "quantity": 1,
  "rebateCode": "000",
  "activityNo": "2016123101",
  "memo": "100123456789"
}
],
"fundChannel": [
  {
    "channelNo": "001",
    "channelName": "□□□□□",
    "channelAmount": "20.8"
  },
  {
    "channelNo": "002",
    "channelName": "□□□□□",
    "channelAmount": "20"
  }
],
"printDetail": {
  "cardNo64": "622562****8888",
  "bank": "□□□□",
  "paymentOrderNo": "201612315689412157458787",
  "pointSale": "20000",
  "qrCode1": "htt://www.xxx.com/url",
  "qrCode2": "",
  "qrCode3": "",
  "barCode1": "12345679",
  "barCode2": ""
```

```
    "barCode3": ""  
  },  
  "memberDetail": {  
    "memberId": "M000001545",  
    "memberName": "TONY",  
    "grade": "1",  
    "status": "1",  
    "balance": 1000.00,  
    "pointBalance": 30000  
  }  
}
```

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- qrcode

action

- qrcodeSale

==>

名称	类型	是否必填	长度	说明
traceNo	String	是	32	yyyyMMddHHmmssSSS 10位
totalAmount	Price	是	16	金额
undiscountAmount	Price	是	16	金额
qrcode	String	是	32	二维码
goodsDetail	List<goodsDetail>	是	1000	商品详情
memberDetail	Object<memberDetail>	是	1000	会员详情

```
{
  "traceNo": "99000009100010101732123",
  "totalAmount": 40.8,
  "undiscountAmount": 0,
  "qrcode": "280123121234567890",
  "goodsDetail": [
    {
      "goodsCategory": "001",
      "goodsId": "P00001",
      "goodsName": "商品",
      "price": 8,
      "quantity": 2,
      "rebateCode": "000"
    },
    {
      "goodsCategory": "101",
      "goodsId": "P00002",
      "goodsName": "商品",
      "price": 24.8,
      "quantity": 1,
      "rebateCode": "000"
    }
  ],
  "memberDetail": {
    "memberId": "M000001545",
    "memberName": "TONY",
    "grade": "1",
    "status": "1",
    "balance": 1000.00,
    "pointBalance": 30000
  }
}
```

商品名称==>商品

名称	类型	长度	格式	备注
traceNo	String	20	数字	唯一标识
orderNo	String	10	数字	订单号

名称	类型	是否必填	长度	格式
transDate	String	是	14	YYYYmmddHHMMSS
returnCode	String	是	4	00XXXXXXXXXX
returnDesc	String	是	10	XXXXXXXXXX
paidAmount	Price	是	8	XXXXXX
receiptAmount	Price	是	8	XXXXXX
invoiceAmount	Price	是	8	XXXXXX
exchangeRate	Number(8,6)	是	10	1XXXXXXXXX
currency	String	是	4	XX: CNY
discountCode	String	是	14	XXXXXXXXXXXXXXXX20160201020X
discountNum	Number	是	8	XXXXXXXXXX
tenderCode	String	是	14	XXXXXXXXXXXXXXXX20160201020X
activityProductNo	String	是	10	XXXXXXXXXX
activityProductName	String	是	10	XXXXXXXXXX
goodsDetail	List<goodsDetail>	是	10	XXXXXXXXXX
fundChannel	List<fundChannel>	是	4	XXXX
printDetail	Object<printDetail>	是	10	XXXXXXXXXX
memberDetail	Object<memberDetail>	是	10	XXXXXXXXXX
voucherDetail	List<voucherDetail>	是	10	XXXXXXXXXX

XXXXXXXXXX

```
{
  "traceNo": "99000009100010101732123",
  "orderNo": "171698602301",
  "transDate": "20161231120533",
  "returnCode": "00",
  "returnDesc": "SUCCESS",
  "paidAmount": 40.8,
  "receiptAmount": 40.8,
```

```
"invoiceAmount": 40.8,
"exchangeRate": 6.0939,
"currency": "CNY",
"discountCode": "0001",
"discountNum": 20,
"tenderCode": "8001",
"activityProductNo": "2016123102",
"activityProductName": "□□□□",
"goodsDetail": [
  {
    "goodsCategory": "001",
    "goodsId": "P00001",
    "goodsName": "□□",
    "price": 8,
    "quantity": 2,
    "rebateCode": "000",
    "activityNo": "2016123101",
    "memo": "100123456789"
  },
  {
    "goodsCategory": "101",
    "goodsId": "P00002",
    "goodsName": "□□□",
    "price": 24.8,
    "quantity": 1,
    "rebateCode": "000",
    "activityNo": "2016123101",
    "memo": "100123456789"
  }
],
"fundChannel": [
  {
    "channelNo": "001",
    "channelName": "□□□□□",
    "channelAmount": "20.8"
  },
  {
    "channelNo": "002",
    "channelName": "□□□□□",
    "channelAmount": "20"
```



```
}  
],  
"printDetail": {  
  "cardNo64": "622562****8888",  
  "bank": "□□□□",  
  "paymentOrderNo": "201612315689412157458787",  
  "paymentUser": "139****@163.com",  
  "pointSale": "20000",  
  "qrCode1": "htt://www.xxx.com/url",  
  "qrCode2": "",  
  "qrCode3": "",  
  "barCode1": "12345679",  
  "barCode2": "",  
  "barCode3": ""  
},  
"memberDetail": {  
  "memberId": "M000001545",  
  "memberName": "TONY",  
  "grade": "1",  
  "status": "1",  
  "balance": 1000.00,  
  "pointBalance": 30000  
}  
}
```


属性	类型	是否必填	长度	说明
currency	String	否	4	币种:CNY
discountCode	String	否	4	折扣码(2016年12月31日前有效)
discountNum	Number	否	10	折扣数量
tenderCode	String	否	4	支付方式(2016年12月31日前有效)
activityProductNo	String	否	10	
activityProductName	String	否	10	
needSameCard	Boolean	否	1	是否需要同一张卡
goodsDetail	List<goodsDetail>	否	10	商品详情
fundChannel	List<fundChannel>	否	10	
printDetail	Object<printDetail>	否	10	打印详情
memberDetail	Object<memberDetail>	否	10	会员详情
voucherDetail	List<voucherDetail>	否	10	优惠券详情

优惠券

```
{
  "traceNo": "99000009100010101732123",
  "orderNo": "171698602301",
  "transDate": "20161231120533",
  "returnCode": "00",
  "returnDesc": "SUCCESS",
  "paidAmount": 40.8,
  "receiptAmount": 40.8,
  "invoiceAmount": 40.8,
  "exchangeRate": 6.0939,
  "currency": "CNY",
  "discountCode": "0001",
  "discountNum": 20,
  "tenderCode": "8001",
  "activityProductNo": "2016123102",
  "activityProductName": "优惠券",
  "needSameCard": true,
  "goodsDetail": [
    {
```

```
"goodsCategory": "001",
"goodsId": "P00001",
"goodsName": "□□",
"price": 8,
"quantity": 2,
"rebateCode": "000",
"activityNo": "2016123101",
"memo": "100123456789"
},
{
  "goodsCategory": "101",
  "goodsId": "P00002",
  "goodsName": "□□□",
  "price": 24.8,
  "quantity": 1,
  "rebateCode": "000",
  "activityNo": "2016123101",
  "memo": "100123456789"
}
],
"fundChannel": [
  {
    "channelNo": "001",
    "channelName": "□□□□□",
    "channelAmount": "20.8"
  },
  {
    "channelNo": "002",
    "channelName": "□□□□□",
    "channelAmount": "20"
  }
],
"printDetail": {
  "cardNo64": "622562****8888",
  "bank": "□□□□",
  "paymentOrderNo": "201612315689412157458787",
  "pointSale": "20000",
  "qrCode1": "http://www.xxx.com/url",
  "qrCode2": "",
  "qrCode3": ""
}
```

```
"barCode1": "12345679",
"barCode2": "",
"barCode3": ""
},
"memberDetail": {
  "memberId": "M000001545",
  "memberName": "TONY",
  "grade": "1",
  "status": "1",
  "balance": 1000.00,
  "pointBalance": 30000
}
}
```



- cardSale
- qrcodeSale

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- MIS-POS MIS-POS

action

- voidCardSale

$$\square\square\square\square\square\square = = = > \square\square$$

項目	型別	必須	長さ	注
traceNo	String	○	10桁	10桁
originalTraceNo	String	○	10桁	10桁
acquirer	String	○	10桁	00citicCashpay000000

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```
{
  "traceNo": "990000009100010101732123",
  "originalTraceNo": "990000009100010101732124",
  "acquirer": "citicCashpay"
}
```

[illegible]

項目	型別	説明	制約	例
traceNo	String	追跡番号	10桁	1234567890
orderNo	String	注文番号	10桁	1234567890
transDate	String	取引日	10桁	20231027101010
returnCode	String	戻りコード	10桁	001234567890

項目	型別	必須	制約	注
returnDesc	String	○	任意	成功メッセージ
discountCode	String	○	任意	割引コード(2016年現在)
tenderCode	String	○	任意	決済手段コード(2016年現在)
fundChannel	List<fundChannel>	○	任意	
printDetail	Object<printDetail>	○	任意	印刷詳細
memberDetail	Object<memberDetail>	○	任意	会員詳細

```
{
  "traceNo": "99000009100010101732123",
  "orderNo": "171698602301",
  "transDate": "20161231120533",
  "returnCode": "00",
  "returnDesc": "SUCCESS",
  "discountCode": "0001",
  "tenderCode": "8001",
  "fundChannel": [
    {
      "channelNo": "001",
      "channelName": "*****",
      "channelAmount": "20.8"
    },
    {
      "channelNo": "002",
      "channelName": "*****",
      "channelAmount": "20"
    }
  ],
  "printDetail": {
    "cardNo64": "622562****8888",
    "bank": "****",
    "paymentOrderNo": "201612315689412157458787",
    "pointSale": "20000",
    "qrCode1": "http://www.xxx.com/url",
    "qrCode2": ""
  }
}
```

```
"qrCode3": "",
"barCode1": "12345679",
"barCode2": "",
"barCode3": ""
},
"memberDetail": {
  "memberId": "M000001545",
  "memberName": "TONY",
  "grade": "1",
  "status": "1",
  "balance": 1000.00,
  "pointBalance": 30000
}
}
```



- cardPayment
- cardRedemption

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- [illegible]

action

- voidQrcodeSale

$$\boxed{}\boxed{}\boxed{}\boxed{}\boxed{}\boxed{}\boxed{} = \boxed{}\boxed{}\boxed{} > \boxed{}\boxed{}$$

項目	型別	説明	制約	注
traceNo	String	追跡番号	10桁	
originalTraceNo	String	元追跡番号	10桁	

--	--	--	--	--	--

```
{
  "traceNo": "99000009100010101732123",
  "originalTraceNo": "99000009100010101732124"
}
```

$$\boxed{}\boxed{}\boxed{}\boxed{}\boxed{}\boxed{}\boxed{}\boxed{} = = = > \boxed{}\boxed{}\boxed{}$$

項目	データ型	必須	制約	説明
traceNo	String	○	10桁	追跡番号
orderNo	String	○	10桁	注文番号
transDate	String	○	8桁	取引年月日YYYYmmddHHMMSS
returnCode	String	○	3桁	00(成功)10(失敗)
returnDesc	String	○	10桁	戻り説明
discountCode	String	○	10桁	割引コード(2016年10月以降)
tenderCode	String	○	10桁	入金元コード(2016年10月以降)
fundChannel	List<fundChannel>	○	10桁	入金チャネル
printDetail	Object<printDetail>	○	10桁	印刷詳細

필드명	타입	길이	필수	비고
memberDetail	Object< memberDetail>			

응답 데이터

```
{
  "traceNo": "99000009100010101732123",
  "orderNo": "171698602301",
  "transDate": "20161231120533",
  "returnCode": "00",
  "returnDesc": "SUCCESS",
  "discountCode": "0001",
  "tenderCode": "8001",
  "fundChannel": [
    {
      "channelNo": "001",
      "channelName": "신용카드",
      "channelAmount": "20.8"
    },
    {
      "channelNo": "002",
      "channelName": "현금",
      "channelAmount": "20"
    }
  ],
  "printDetail": {
    "cardNo64": "622562****8888",
    "bank": "국민",
    "paymentOrderNo": "201612315689412157458787",
    "pointSale": "20000",
    "qrCode1": "http://www.xxx.com/url",
    "qrCode2": "",
    "qrCode3": "",
    "barCode1": "12345679",
    "barCode2": "",
    "barCode3": ""
  },
  "memberDetail": {
    "memberId": "M000001545",
```

```
"memberName": "TONY",  
"grade": "1",  
"status": "1",  
"balance": 1000.00,  
"pointBalance": 30000  
}  
}
```



- qrcodeSale

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- [illegible]

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- MIS-POS MIS-POS

action

- refundCardSale

$$\square\square\square\square\square\square = = = > \square\square$$

項目	データ型	必須	制約	説明
traceNo	String	○	10桁以内	追跡番号
originalTraceNo	String	○	10桁以内	元の追跡番号
refundAmount	Price	○	10桁以内	返金金額
acquirer	String	○	10桁以内	citicCashpay

--	--	--	--	--	--

```
{
  "traceNo": "99000009100010101732123",
  "originalTraceNo": "99000009100010101732124",
  "refundAmount": 40.8,
  "acquirer": "citicCashpay"
}
```

$$\square\square\square\square\square\square = = = > \square\square\square$$

□□	□□	□□□□	□□□□	□□
traceNo	String	□	□□□□□	□□□□

名称	类型	是否必填	长度	格式
orderNo	String	是	16	
transDate	String	是	14	yyyyMMddHHMMSS
returnCode	String	是	4	00XXXXXXXXXX
returnDesc	String	是	16	XXXXXXXXXX
discountCode	String	是	16	XXXXXXXXXXXXXXXX2016
tenderCode	String	是	16	XXXXXXXXXXXXXXXX2016
refundAmount	Price	是	16	XXXXXX
fundChannel	List<fundChannel>	是	16	
printDetail	Object<printDetail>	是	16	XXXXXXXXXXXXXX
memberDetail	Object<memberDetail>	是	16	XXXXXXXXXX

XXXXXXXXXX

```
{
  "traceNo": "99000009100010101732123",
  "orderNo": "171698602301",
  "transDate": "20161231120533",
  "returnCode": "00",
  "returnDesc": "SUCCESS",
  "discountCode": "0001",
  "tenderCode": "8001",
  "refundAmount": 40.8,
  "fundChannel": [
    {
      "channelNo": "001",
      "channelName": "XXXXXX",
      "channelAmount": "20.8"
    }
  ],
  "printDetail": {
    "printDetail": "XXXXXXXXXXXXXX"
  },
  "memberDetail": {
    "memberDetail": "XXXXXXXXXX"
  }
}
```

```
    "channelNo": "002",
    "channelName": "□□□□□",
    "channelAmount": "20"
  }
],
"printDetail": {
  "cardNo64": "622562****8888",
  "bank": "□□□□",
  "paymentOrderNo": "201612315689412157458787",
  "pointSale": "20000",
  "qrCode1": "http://www.xxx.com/url",
  "qrCode2": "",
  "qrCode3": "",
  "barCode1": "12345679",
  "barCode2": "",
  "barCode3": ""
},
"memberDetail": {
  "memberId": "M000001545",
  "memberName": "TONY",
  "grade": "1",
  "status": "1",
  "balance": 1000.00,
  "pointBalance": 30000
}
}
```



- cardPayment
- CardRedemption

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- [illegible]

action

- refundQrcodeSale

$$\boxed{}\boxed{}\boxed{}\boxed{}\boxed{}\boxed{}\boxed{} = \boxed{}\boxed{}\boxed{} > \boxed{}\boxed{}$$

項目名	データ型	必須	制約	コメント
traceNo	String	○	10桁以内	追跡番号
originalTraceNo	String	○	15桁以内	元の追跡番号
refundAmount	Price	○	10桁以内	返金金額

--	--	--	--	--	--

```
{
  "traceNo": "990000009100010101732123",
  "originalTraceNo": "990000009100010101732124",
  "refundAmount": 40.8
}
```

$$\boxed{}\boxed{}\boxed{}\boxed{}\boxed{}\boxed{}\boxed{} = \boxed{}\boxed{}\boxed{} \succ \boxed{}\boxed{}\boxed{}$$

項目	型別	必須	制約	注
traceNo	String	○	10桁	10桁
orderNo	String	○	10桁	
transDate	String	○	8桁	YYYYmmddHHMMSS
returnCode	String	○	3桁	00XXXXXXXX
returnDesc	String	○	3桁	XXXXXXXX
refundAmount	Price	○	10桁	10桁
discountCode	String	○	3桁	XXXXXXXXXXXXXXXX2016
tenderCode	String	○	5桁	XXXXXXXXXXXXXXXX2016

필드명	타입	필수	비고	예시
fundChannel	List<fundChannel>	Y	채널 목록	
printDetail	Object<printDetail>	Y	인쇄 상세	XXXXXXXXXXXX
memberDetail	Object<memberDetail>	Y	회원 상세	XXXXXXXXXX

XXXXXXXXXX

```
{
  "traceNo": "990000009100010101732123",
  "orderNo": "171698602301",
  "transDate": "20161231120533",
  "returnCode": "00",
  "returnDesc": "SUCCESS",
  "refundAmount": 40.8,
  "discountCode": "0001",
  "tenderCode": "8001",
  "fundChannel": [
    {
      "channelNo": "001",
      "channelName": "XXXXXX",
      "channelAmount": "20.8"
    },
    {
      "channelNo": "002",
      "channelName": "XXXXXX",
      "channelAmount": "20"
    }
  ],
  "printDetail": {
    "cardNo64": "622562****8888",
    "bank": "XXXX",
    "paymentOrderNo": "201612315689412157458787",
    "pointSale": "20000",
    "qrCode1": "http://www.xxx.com/url",
    "qrCode2": "",
    "qrCode3": "",
    "barCode1": "12345679",
    "barCode2": ""
  }
}
```








```
    "barCode3": ""  
  },  
  "memberDetail": {  
    "memberId": "M000001545",  
    "memberName": "TONY",  
    "grade": "1",  
    "status": "1",  
    "balance": 1000.00,  
    "pointBalance": 30000  
  }  
}
```



- qrcodeSale

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- 
- 
- 
- 

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- MIS-POS MIS-POS

action

- balance

Diagram illustrating the simplification of a fraction: $\frac{6}{6} = 1$. The diagram shows a row of 6 empty boxes, followed by the text "===>", and then a row of 2 empty boxes.

필드명	타입	필수	길이	비고
traceNo	String	필수	10	트레이스 번호
activityProductNo	String	필수	10	활동 상품 번호 (BIN 포함)
memberDetail	Object< memberDetail>	필수	10	회원 상세 정보

--	--	--	--	--	--

```
{
  "traceNo": "99000009100010101732123",
  "activityProductNo": "HDCP00000000001236",
  "memberDetail": {
    "memberId": "M000001545",
    "memberName": "TONY",
    "grade": "1",
    "status": "1",
    "balance": 1000.00,
    "pointBalance": 30000
  }
}
```

```
}  
}
```

=====>

traceNo	String			
orderNo	String			
transDate	String			YYYYmmddHHMMSS
returnCode	String			00
returnDesc	String			
rightsTimes	Integer			
moneyBalance	Price			
pointBalance	Price			
printDetail	Object<printDetail>			
memberDetail	Object<memberDetail>			

```
{  
  "traceNo": "99000009100010101732123",  
  "orderNo": "171698602301",  
  "transDate": "20161231120533",  
  "returnCode": "00",  
  "returnDesc": "SUCCESS",  
  "rightsTimes": 1,  
  "moneyBalance": 40.8,  
  "pointBalance": 40000,  
  "printDetail": {  
    "cardNo64": "622562****8888",  
    "bank": "",  
    "paymentOrderNo": "201612315689412157458787",  
    "pointSale": "0",  
    "qrCode1": "http://www.xxx.com/url",  
    "qrCode2": "",  
    "qrCode3": "",  
    "barCode1": "12345679",  
  }  
}
```

```
"barCode2": "",  
"barCode3": ""  
},  
"memberDetail": {  
  "memberId": "M000001545",  
  "memberName": "TONY",  
  "grade": "1",  
  "status": "1",  
  "balance": 1000.00,  
  "pointBalance": 30000  
}  
}
```



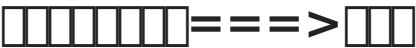
-



- ecoupon

action

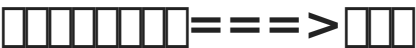
- ecouponInquiry



項目	型別	必須	長さ	注
traceNo	String	○	17桁	16桁
qrcode	String	○	12桁	12桁



```
{
  "traceNo": "99000009100010101732123",
  "qrcode": "00000001235"
}
```



項目	型別	必須	長さ	注
traceNo	String	○	17桁	16桁
orderNo	String	○	12桁	12桁
transDate	String	○	10桁	YYYYmmddHHMMSS
returnCode	String	○	2桁	00
returnDesc	String	○	12桁	12桁
canPayAmount	Price	○	12桁	12桁

項目	型別	長さ	制約	注
activityProductNo	String	10	必須	16進数
activityProductName	String	30	必須	16進数

返り値

```
{
  "traceNo": "99000009100010101732123",
  "orderNo": "171698602301",
  "transDate": "20161231120533",
  "returnCode": "00",
  "returnDesc": "SUCCESS",
  "canPayAmount": 40.8,
  "activityProductNo": "2016123101",
  "activityProductName": "商品365"
}
```



-

action

- accumulating

==>

traceNo	String			
totalAmount	Price			
undiscountAmount	Price			
activityNo	String			,
points	Integer			,
goodsDetail	List< goodsDetail >			
memberDetail	Object< memberDetail >			



```
{
  "traceNo": "99000009100010101732123",
  "totalAmount": 40.8,
  "undiscountAmount": 0,
  "activityNo": "2016121901",
  "points": 100,
  "goodsDetail": [
    {
      "goodsCategory": "001",
      "goodsId": "P00001",
      "goodsName": "",
      "price": 8,
```

```
        "quantity": 2,
        "rebateCode": "000"
    },
    {
        "goodsCategory": "101",
        "goodsId": "P00002",
        "goodsName": "商品",
        "price": 24.8,
        "quantity": 1,
        "rebateCode": "000"
    }
],
"memberDetail": {
    "memberId": "M000001545",
    "memberName": "TONY",
    "grade": "1",
    "status": "1",
    "balance": 1000.00,
    "pointBalance": 30000
}
```

商品名称==>商品

名称	类型	是否必填	长度	格式
traceNo	String	否	16	16位数字
orderNo	String	否	16	16位数字
transDate	String	否	14	YYYYmmddHHMMSS
returnCode	String	否	16	00+14位数字
returnDesc	String	否	16	16位数字
activityProductNo	String	否	16	16位数字
activityProductName	String	否	16	16位数字
printDetail	Object<printDetail>	否	16	16位数字
memberDetail	Object<memberDetail>	否	16	16位数字

商品名称


```
{
  "traceNo": "99000009100010101732123",
  "orderNo": "171698602301",
  "transDate": "20161231120533",
  "returnCode": "00",
  "returnDesc": "SUCCESS",
  "activityProductNo": "2016123102",
  "activityProductName": "□□□□",
  "printDetail": {
    "cardNo64": "622562****8888",
    "bank": "□□□",
    "paymentOrderNo": "201612315689412157458787",
    "pointSale": "20000",
    "qrCode1": "http://www.xxx.com/url",
    "qrCode2": "",
    "qrCode3": "",
    "barCode1": "12345679",
    "barCode2": "",
    "barCode3": ""
  },
  "memberDetail": {
    "memberId": "M000001545",
    "memberName": "TONY",
    "grade": "1",
    "status": "1",
    "balance": 1000.00,
    "pointBalance": 30000
  }
}
```