



ReferencedRefundNotification Class

When a payment gateway sends a notification for a refund transaction, the payment gateway adapter creates the `ReferencedRefundNotification` object to store information about notification

Namespace

[CommercePayments](#)

Usage

This class is used with asynchronous payments. When a payment gateway sends a notification for a refund transaction, the gateway adapter creates an object of type `ReferencedRefundNotification` and populates the respective values.

The constructor of this class takes no arguments. For example:

```
CommercePayments.ReferencedRefundNotification rrn = new  
CommercePayments.ReferencedRefundNotification();
```

Example

```
commercepayments.NotificationStatus notificationStatus = null;  
if (success) {  
    notificationStatus = commercepayments.NotificationStatus.Success;  
} else {  
    notificationStatus = commercepayments.NotificationStatus.Failed;  
}  
commercepayments.BaseNotification notification = null;  
if ('CAPTURE'.equals(eventCode)) {  
    notification = new commercepayments.CaptureNotification();  
} else if ('REFUND'.equals(eventCode)) {  
    notification = new commercepayments.ReferencedRefundNotification();  
}
```

- [ReferencedRefundNotification Methods](#)

ReferencedRefundNotification Methods

The following are methods for `ReferencedRefundNotification`.

- [setAmount\(amount\)](#)
Sets the transaction amount. Can be positive, negative, or zero.
- [setGatewayDate\(gatewayDate\)](#)
Sets the date that communication for the refund notification occurred with the payment gateway.
- [setGatewayMessage\(gatewayMessage\)](#)
Sets information or messages that the gateway returned.
- [setGatewayReferenceDetails\(gatewayReferenceDetails\)](#)
Sets the payment gateway's reference details.



- **`setGatewayResultCodeDescription(gatewayResultCodeDescription)`**
Sets the payment gateway's result code description.
- **`setId(id)`**
Sets the ID of a notification sent by the payment gateway.
- **`setSalesforceResultCodeInfo(salesforceResultCodeInfo)`**
Sets Salesforce result code information.
- **`setStatus(status)`**
Sets the notification status value on the notification object.

`setAmount(amount)`

Sets the transaction amount. Can be positive, negative, or zero.

Signature

```
global void setAmount(Double amount)
```

Parameters

amount

Type: [Double](#)

The amount to be debited or captured.

Return Value

Type: void

`setGatewayDate(gatewayDate)`

Sets the date that communication for the refund notification occurred with the payment gateway.

Signature

```
global void setGatewayDate(Datetime gatewayDate)
```

Parameters

gatewayDate

Type: [Datetime](#)

The date that communication happened with the gateway.

Return Value

Type: void

`setGatewayMessage(gatewayMessage)`

Sets information or messages that the gateway returned.

Signature

```
global void setGatewayMessage(String gatewayMessage)
```

Parameters

gatewayMessage

Type: [String](#)

Return Value



Sets the payment gateway's reference details.

Signature

```
global void setGatewayReferenceDetails(String gatewayReferenceDetails)
```

Parameters

gatewayReferenceDetails

Type: [String](#)

Provides information about the gateway communication.

Return Value

Type: void

setGatewayReferenceNumber(gatewayReferenceNumber)

Sets the payment gateway's reference number.

Signature

```
global void setGatewayReferenceNumber(String gatewayReferenceNumber)
```

Parameters

gatewayReferenceNumber

Type: [String](#)

Unique transaction ID created by the payment gateway.

Return Value

Type: void

setGatewayResultCode(gatewayResultCode)

Sets the payment gateway's result code.

Signature

```
global void setGatewayResultCode(String gatewayResultCode)
```

Parameters

gatewayResultCode

Type: [String](#)

The gateway result code. You must map this to a Salesforce-specific result code.

Return Value

Type: void

setGatewayResultCodeDescription(gatewayResultCodeDescription)

Sets the payment gateway's result code description.

Signature

```
global void setGatewayResultCodeDescription(String gatewayResultCodeDescription)
```



Description of the gateway result code. Provides additional context about the result code .

Return Value

Type: void

setId(id)

Sets the ID of a notification sent by the payment gateway.

Signature

global void setId(String id)

Parameters

id

Type: [String](#)

Return Value

Type: void

setSalesforceResultCodeInfo(salesforceResultCodeInfo)

Sets Salesforce result code information.

Signature

global void setSalesforceResultCodeInfo(commercepayments.SalesforceResultCodeInfo salesforceResultCodeInfo)

Parameters

salesforceResultCodeInfo

Type: [SalesforceResultCodeInfo](#)

Description of the Salesforce result code value.

Return Value

Type: void

setStatus(status)

Sets the notification status value on the notification object.

Signature

global void setStatus(commercepayments.NotificationStatus status)

Parameters

status

Type: [NotificationStatus](#)

Indicates whether the payments platform successfully received the notification from the payr gateway.

Return Value

Type: void



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