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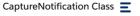
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Developers   ⌄

CaptureNotification Class ☰

CaptureNotification Class

When a payment gateway sends a notification for a capture transaction, the payment gateway adapter creates the `CaptureNotification` object to store information about the notification.

Namespace

[CommercePayments](#)

Usage

`CaptureNotification` is used in asynchronous payment gateway adapters.

Specify the `CommercePayments` namespace when creating an instance of this class. The constructor of this class takes no arguments. For example:

```
CommercePayments.CaptureNotification crn = new CommercePayments.CaptureNotification();
```

Example

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

- **CaptureNotification Methods**

CaptureNotification Methods

The following are methods for `CaptureNotification`.

- **setAmount(amount)**
  Sets the transaction amount. Must be a non-negative value.

- **setGatewayDate(gatewayDate)**
  Sets the date that the transaction occurred. Some gateways don't send this value.

- **setGatewayMessage(gatewayMessage)**
  Sets error messages that the gateway returned for the payment request. Maximum length of 255 characters.

- **setGatewayReferenceDetails(gatewayReferenceDetails)**
  Sets additional data that you can use for subsequent transactions. You can use any data that isn't normalized in financial entities. This field has a maximum length of 1000 characters and can store data as JSON or XML.

- **setGatewayReferenceNumber(gatewayReferenceNumber)**
  Sets the unique gateway reference number for the transaction that the gateway returned. Maximum length of 255 characters.

- **setGatewayResultCode(gatewayResultCode)**
  Sets a gateway-specific result code. The code can be mapped to a Salesforce-specific

- **setId(id)**

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

- **setSalesforceResultCodeInfo(salesforceResultCodeInfo)**

  Sets the Salesforce-specific result code information. Payment gateways have many response codes for payment calls. Salesforce uses the result code information to map payment gateway codes to a predefined set of standard Salesforce result codes.

- **setStatus(status)**

  Sets the notification status to the same value that was sent by the gateway.

setAmount(amount)

Sets the transaction amount. Must be a non-negative value.

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 the transaction occurred. Some gateways don't send this value.

Signature

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

Parameters

gatewayDate

　Type: Datetime

　Date and time of the gateway communication.

Return Value

Type: void

setGatewayMessage(gatewayMessage)

Sets error messages that the gateway returned for the payment request. Maximum length of 255 characters.

Signature

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

Parameters

gatewayMessage

　Type: String

　Information on error messages sent from the gateway.

setGatewayReferenceDetails(gatewayReferenceDetails)

Sets additional data that you can use for subsequent transactions. You can use any data that isn't normalized in financial entities. This field has a maximum length of 1000 characters and can store data as JSON or XML.

Signature

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

Parameters

gatewayReferenceDetails

   Type: String

Return Value

Type: void

setGatewayReferenceNumber(gatewayReferenceNumber)

Sets the unique gateway reference number for the transaction that the gateway returned. Maximum length of 255 characters.

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 a gateway-specific result code. The code can be mapped to a Salesforce-specific result code. Maximum length of 64 characters.

Signature

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

Parameters

gatewayResultCode

   Type: String

   Gateway-specific result code. Map this value to a Salesforce-specific result code.

Return Value

Type: void

setGatewayResultCodeDescription(gatewayResultCodeDescription)

Sets a description of the gateway-specific result code that a gateway returned. Maximum length of 1000 characters.

gatewayResultCodeDescription

Type: String

Description of the gateway's result code. Use this field to learn more about why the gateway returned a certain 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 the Salesforce-specific result code information. Payment gateways have many response codes for payment calls. Salesforce uses the result code information to map payment gateway codes to a predefined set of standard Salesforce result codes.

Signature

```
global void setSalesforceResultCodeInfo(commercepayments.SalesforceResultCodeInfo
salesforceResultCodeInfo)
```

Parameters

salesforceResultCodeInfo

Type: commercepayments.SalesforceResultCodeInfo

Description of the Salesforce result code value.

Return Value

Type: void

setStatus(status)

Sets the notification status to the same value that was sent by the gateway.

Signature

```
global void setStatus(commercepayments.NotificationStatus status)
```

Parameters

status

Type: NotificationStatus

Type: void

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