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**Developers**                                                                    ⌄

**Apex Reference Guide**  /  **CommercePayments Namespace**  /  CaptureResponse Class

# CaptureResponse Class

The payment gateway adapter sends this response for the capture request type. This class extends `AbstractResponse` and inherits its methods.

## Namespace

CommercePayments

## Usage

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

```
CommercePayments.Capture Response ctr = new CommercePayments.CaptureResponse();
```

- **CaptureResponse Methods**

## CaptureResponse Methods

The following are methods for `CaptureResponse`.

- **setAmount(amount)**
  Sets the transaction amount.

- **setAsync(async)**
  Indicates whether the payment gateway adapter used in the payment capture was asynchronous (`True`) or synchronous (`False`).

- **setGatewayAvsCode(gatewayAvsCode)**
  Sets the payment gateway's AVS (address verification system) code.

- **setGatewayDate(gatewayDate)**
  Sets the payment gateway's date.

- **setGatewayMessage(gatewayMessage)**
  Sets information or messages that the gateway returned.

- **setGatewayReferenceDetails(gatewayReferenceDetails)**
  Sets the payment gateway's reference details.

- **setGatewayReferenceNumber(gatewayReferenceNumber)**
  Sets the payment gateway's reference number.

- **setGatewayResultCode(gatewayResultCode)**
  Sets the payment gateway's result code.

- **setGatewayResultCodeDescription(gatewayResultCodeDescription)**
  Sets the payment gateway's result code description.

- **setSalesforceResultCodeInfo(salesforceResultCodeInfo)**
  Sets Salesforce result code information.

## setAmount(amount)

Sets the transaction amount.

### Signature

Type: Double

The amount to be debited or captured.

### Return Value

Type: void

## setAsync(async)

Indicates whether the payment gateway adapter used in the payment capture was asynchronous (`True`) or synchronous (`False`).

### Signature

```
global void setAsync(Boolean async)
```

### Parameters

*async*
  Type: Boolean

### Return Value

Type: void

## setGatewayAvsCode(gatewayAvsCode)

Sets the payment gateway's AVS (address verification system) code.

### Signature

```
global void setGatewayAvsCode(String gatewayAvsCode)
```

### Parameters

*gatewayAvsCode*
  Type: String

  Payment gateways that use an AVS system return this code.

### Return Value

Type: void

## setGatewayDate(gatewayDate)

Sets the payment gateway's date.

### Signature

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

### Parameters

*gatewayDate*
  Type: Datetime

  The date that communication happened with the gateway.

### Return Value

Type: void

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

### Parameters

#### *gatewayMessage*

Type: String

Information or error messages returned by the gateway.

### Return Value

Type: void

## setGatewayReferenceDetails(gatewayReferenceDetails)

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: void

## setGatewayResultCodeDescription(gatewayResultCodeDescription)

Sets the payment gateway's result code description.

### Signature

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

### Parameters

*gatewayResultCodeDescription*

Type: String

Description of the GatewayResultCode. Provides additional context about the result code that the gateway returned.

### Return Value

Type: void

## setSalesforceResultCodeInfo(salesforceResultCodeInfo)

Sets Salesforce result code information.

### Signature

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

### Parameters

*salesforceResultCodeInfo*

SalesforceResultCodeInfoType: commercepayments.SalesforceResultCodeInfo

Description of the Salesforce result code value.

### Return Value

Type: void

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https://developer.salesforce.com/docs/atlas.en-us.apexref.meta/apexref/apex_class_commercepayments_CaptureResponse.htm
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