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Developers   ⌄

AbstractResponse Class ☰

AbstractResponse Class

Contains the normalized response fields from payment gateways that are common to all the other gateway responses.

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.AbstractResponse abr = new CommercePayments.AbstractResponse();
```

This class can't be instantiated on its own. This class implements the GatewayResponse class. Other GatewayResponse classes extend this class to inherit common properties.

- **AbstractResponse Methods**

AbstractResponse Methods

The following are methods for `AbstractResponse`.

- **setGatewayAvsCode(gatewayAvsCode)**
  Sets the AVS (address verification system) result code information that the gateway returned. Maximum length of 64 characters.

- **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.

- **setGatewayResultCode(gatewayResultCode)**
  Sets a gateway-specific result code. The code may be mapped to a Salesforce-specific result code. Maximum length of 64 characters.

- **setGatewayResultCodeDescription(gatewayResultCodeDescription)**
  Sets a description of the gateway-specific result code that a payment gateway returned. Maximum length of 1000 characters.

- **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.

setGatewayAvsCode(gatewayAvsCode)

Sets the AVS (address verification system) result code information that the gateway returned. Maximum length of 64 characters.

Signature

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

Code sent by gateways that use an address verification system.

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.

Return Value

Type: void

setGatewayResultCode(gatewayResultCode)

Sets a gateway-specific result code. The code may 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. Must be used to map a Salesforce-specific result code.

Return Value

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

Signature

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

Parameters

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

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

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