



GatewayNotificationResponse Class

When the payment gateway sends a notification to the payments platform, the platform responds with a `GatewayNotificationResponse` indicating whether the platform succeeded or failed at receiving the notification.

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.GatewayNotificationResponse gnr = new  
CommercePayments.GatewayNotificationResponse();
```

When an asynchronous payment gateway sends a notification, the gateway requires the platform acknowledge that it has either succeeded or failed in receiving the notification. Payment gateway adapters use this class to construct the acknowledgment response, which gateways expect for a notification. `GatewayNotificationResponse` is the return type of the `processNotification` method.

Example

```
commercepayments.GatewayNotificationResponse gnr = new commercepayments.GatewayNotific  
if (saveResult.isSuccess()) {  
    system.debug('Notification accepted by platform');  
} else {  
    system.debug('Errors in the result ' + Blob.valueOf(saveResult.getErrorMessage()));  
}  
gnr.setStatusCode(200);  
gnr.setResponseBody(Blob.valueOf('[accepted]'));  
return gnr;
```

- [GatewayNotificationResponse Methods](#)

GatewayNotificationResponse Methods

The following are methods for `GatewayNotificationResponse`.

- [setResponseBody\(responseBody\)](#)
Sets the body of the response to the gateway. Some gateways expect the payments platform to acknowledge the notification with a response regardless of whether the notification was accepted.
- [setStatusCode\(statusCode\)](#)
Sets the HTTP status code sent to the gateway as part of the payments platform's response notification.

setResponseBody(responseBody)



```
global void setResponseBody(Blob responseBody)
```

Parameters

responseBody

Type: [Blob](#)

Common response values include `accepted` for successfully receiving the response. For example:

```
commercepayments.GatewayNotificationResponse gnr = new commercepayments.GatewayNotificationResponse();
if (saveResult.isSuccess()) {
    system.debug('Notification accepted by platform');
} else {
    system.debug('Errors in the result ' + Blob.valueOf(saveResult.getErrorMessage()));
}
gnr.setStatusCode(200);
gnr.setResponseBody(Blob.valueOf('[accepted]'));
return gnr;
```

Return Value

Type: void

setStatusCode(statusCode)

Sets the HTTP status code sent to the gateway as part of the payments platform's response notification.

Signature

```
global void setStatusCode(Integer statusCode)
```

Parameters

statusCode

Type: [Integer](#)

The status code will vary based on the type of payments platform response. Users should configure their `GatewayNotificationResponse` class to account for all values that their payments platform can possibly return. For example:

```
commercepayments.GatewayNotificationResponse gnr = new commercepayments.GatewayNotificationResponse();
if (saveResult.isSuccess()) {
    system.debug('Notification accepted by platform');
} else {
    system.debug('Errors in the result ' + Blob.valueOf(saveResult.getErrorMessage()));
}
gnr.setStatusCode(200);
gnr.setResponseBody(Blob.valueOf('[accepted]'));
return gnr;
```

Return Value

Type: void

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