



CommercePayments Namespace

Use the `CommercePayments` namespace to provide a safe and customizable platform for managing customer payments and refunds.

To review `CommercePayments` use cases and walkthroughs, go to [Use Cases for the CommercePayments Namespace](#).

The following are the classes in the `CommercePayments` namespace.

- **AbstractResponse Class**
Contains the normalized response fields from payment gateways that are common to all the other gateway responses.
- **AbstractTransactionResponse Class**
Abstract class for storing normalized information sent from payment gateways about a payment transaction. Holds the common response fields sent from payment gateways for authorization, sale, capture, and refund transactions.
- **AddressRequest Class**
Contains address request data that is sent to a gateway adapter during a service call.
- **AlternativePaymentMethodRequest Class**
The class contains information about the alternative payment method that are required for a gateway to process the request.
- **AlternativePaymentMethodResponse Class**
The class contains the response details of the alternative payment method.
- **AuditParamsRequest**
`AuditParamsRequest` is used for audit parameters in a transaction request. This is an abstract request class that is extended by the `BaseRequest` class.
- **AuthApiPaymentMethodRequest Class**
Sends information about a payment method to a gateway adapter during an authorization service call.
- **AuthorizationRequest Class**
Sends information about an authorization request to a gateway adapter during a service call. This class extends the `BaseRequest` class and inherits all its methods.
- **AuthorizationResponse Class**
Response sent by the payment gateway adapter for an authorization service.
- **AuthorizationReversalRequest Class**
Sends information about an authorization reversal request to a gateway adapter during a service call.
- **AuthorizationReversalResponse Class**
Response sent by the payment gateway following a payment authorization reversal service.
- **BaseApiPaymentMethodRequest Class**
Abstract class used to send information about a payment method to a gateway adapter during a service call.
- **BaseNotification Class**
Abstract class for storing notification information sent from payment gateways.
- **BasePaymentMethodRequest Class**
Abstract class for storing information about payment methods.
- **BaseRequest Class**
`BaseRequest` is extended by all the request classes.



- **CaptureRequest Class**
Represents a capture request. This class extends the `BaseRequest` class and inherits all its methods.
- **CaptureResponse Class**
The payment gateway adapter sends this response for the capture request type. This class extends `AbstractResponse` and inherits its methods.
- **CardCategory Enum**
Defines whether the payment method represents a credit card or a debit card.
- **CardPaymentMethodRequest Class**
Sends data related to a card payment method to a gateway adapter during a service call.
- **CardPaymentMethodResponse Class**
This class contains details about the card payment method.
- **CardType Enum**
Specifies the credit card issuer.
- **CustomMetadataTypeInfo Class**
Access information about custom metadata. The `PaymentGatewayAdapter` can send `CustomMetadataTypeInfo` to transaction requests through the response object's `SalesforceResultCodeInfo`.
- **GatewayErrorResponse Class**
Use to respond with an error indication following errors from the `PaymentGateway` adapter, such as request-forbidden responses, custom validation errors, or expired API tokens.
- **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.
- **GatewayResponse Interface**
Generic payment gateway response interface. This class extends the `CaptureResponse`, `AbstractTransactionResponse`, and `AbstractResponse` classes and inherits all their properties. It has no unique methods or parameters.
- **NotificationClient Class**
Communicates with the payment platform regarding the gateway's notification.
- **NotificationSaveResult Class**
Contains the result of the payment platform's attempt to record data from the gateway's notification.
- **NotificationStatus Enum**
Shows whether the payments platform successfully received the notification from the gateway.
- **PaymentGatewayAdapter Interface**
`PaymentGatewayAdapters` can implement this interface in order to process requests.
- **PaymentGatewayAsyncAdapter Interface**
Implement the interface to allow customers to process payments asynchronously.
- **PaymentGatewayContext Class**
Wraps the information related to a payment request.
- **PaymentGatewayNotificationContext Class**
Wraps the information related to a gateway notification.
- **PaymentGatewayNotificationRequest Class**
Contains the notification request data from the gateway.
- **PaymentMethodDetailsResponse Class**
This class contains the details about the payment method.
- **PaymentMethodTokenizationRequest Class**
Stores data about a request to tokenize a card payment method. The tokenization process occurs in the payment gateway. This process replaces sensitive customer data, such as a card number or CVV, with unique identification symbols. The symbols are used



tokenization request. The response includes the payment method's token ID value.

- **PaymentsHttp Class**
Makes an HTTP request to start the interaction with the payment gateway.
- **PostAuthApiPaymentMethodRequest Class**
Sends information about a payment method to a gateway adapter during a postauthorization service call.
- **PostAuthorizationRequest Class**
Sends information about a postauthorization request to a gateway adapter during a service call.
- **PostAuthorizationResponse Class**
Response sent by the payment gateway adapter for a postauthorization service.
- **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.
- **ReferencedRefundRequest**
Access information about the referenced refund requests. Extends the `RefundRequest` class.
- **ReferencedRefundResponse Class**
The payment gateway adapter sends this response for the `ReferencedRefund` request type.
- **RefundRequest Class**
Sends data related to a refund to the payment gateway adapter.
- **RequestType Enum**
Defines the type of payment transaction request made to the payment gateway.
- **SaleApiPaymentMethodRequest Class**
Sends data related to a card payment method to a gateway adapter during a sale service call.
- **SaleRequest Class**
Stores information about a sales request.
- **SaleResponse Class**
Response sent by payment gateway adapters for a sales service.
- **SalesforceResultCode Enum**
Defines the gateway call status values in Salesforce based on the call status values that the payment gateway returned.
- **SalesforceResultCodeInfo**
Stores Salesforce result code information from payment gateway adapters.

DID THIS ARTICLE SOLVE YOUR ISSUE?

Let us know so we can improve!

[Share your feedback](#)



DEVELOPER CENTERS

[Heroku](#)
[MuleSoft](#)

POPULAR RESOURCES

[Documentation](#)
[Component Library](#)

COMMUNITY

[Trailblazer Communi](#)
[Events and Calendar](#)



Quip

AppExchange

© Copyright 2025 Salesforce, Inc. [All rights reserved](#). Various trademarks held by their respective owners. Salesforce, Inc. Salesforce Tower, 415 Mission Street, 3rd Floor, San Francisco, CA 94105, United States

[Privacy Information](#) [Terms of Service](#) [Legal](#) [Use of Cookies](#) [Trust](#) [Cookie Preferences](#)

 [Your Privacy Choices](#) [Responsible Disclosure](#) [Contact](#)