



CardPaymentMethodRequest Class

Sends data related to a card payment method to a gateway adapter during a service call.

Namespace

[CommercePayments](#)

Usage

This class contains details about the card used as a payment method for authorization, sale, or tokenization transaction requests. The gateway adapter reads the fields of this class object while constructing a transaction JSON request to send to the payment gateway. The object of this class is available as the `cardPaymentMethod` field in the [SaleApiPaymentMethodRequest Class](#), [AuthApiPaymentMethodRequest Class](#), and [PaymentMethodTokenizationRequest Class](#).

Example

This code sample retrieves the `cardPaymentMethodRequest` object from the `paymentMethod` class.

```
commercepayments.CardPaymentMethodRequest cardPaymentMethod = paymentMethod.cardPaymentMethodRequest;
```

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CardPaymentMethodRequest Constructors

The following are constructors for `CardPaymentMethodRequest`.

- [CardPaymentMethodRequest\(cardCategory\)](#)
Sets the `cardCategory` value for the card payment method request.

CardPaymentMethodRequest(cardCategory)

Sets the `cardCategory` value for the card payment method request.

Signature

```
global CardPaymentMethodRequest(cardCategory cardCategory)
```

Parameters

cardCategory

Type: [CardCategory](#)

Defines whether the card payment method is a credit card or a debit card.



Customer account for this payment method.

- **autoPay**
Indicates whether a token is being requested so that the payment method can be used for recurring payments.
- **cardCategory**
Indicates whether a card payment method is for a credit card or debit card.
- **cardHolderFirstName**
The first name of the cardholder for the card payment method.
- **cardHolderLastName**
The last name of the cardholder for the card payment method.
- **cardHolderName**
Full name of the cardholder on the card payment method.
- **cardNumber**
System-defined unique ID for the card payment method.
- **cardType**
Defines the credit card bank. Possible values are `AmericanExpress`, `DinersClub`, `JCB`, `Maestro`, `MasterCard`, and `Visa`.
- **cvv**
The card security code for the credit or debit card on a card payment method.
- **email**
Email address of the cardholder for the credit or debit card on a card payment method.
- **expiryMonth**
Expiration month for the credit or debit card on a card payment method.
- **expiryYear**
Expiration year of the credit or debit card for the card payment method.
- **inputCardType**
Input field for the card type. This field doesn't store the card type directly, but instead populates `CardBin`, `LastFour`, and `DisplayCardNumber` based on the value entered in `inputCardType`.
- **startMonth**
The credit or debit card becomes valid on the first day of the `startMonth` in the `startYear`.
- **startYear**
Year during which the credit or debit card becomes valid.

accountId

Customer account for this payment method.

Signature

```
global String accountId {get; set;}
```

Property Value

Type: `String`

autoPay

Indicates whether a token is being requested so that the payment method can be used for recurring payments.

Signature

```
global Boolean autoPay {get; set;}
```

Property Value



Indicates whether a card payment method is for a credit card or debit card.

Signature

```
global CommercePayments.CardCategory cardCategory {get; set;}
```

Property Value

Type: [CardCategory](#)

cardHolderFirstName

The first name of the cardholder for the card payment method.

Signature

```
global String cardHolderFirstName {get; set;}
```

Property Value

Type: [String](#)

cardHolderLastName

The last name of the cardholder for the card payment method.

Signature

```
global String cardHolderLastName {get; set;}
```

Property Value

Type: [String](#)

cardHolderName

Full name of the cardholder on the card payment method.

Signature

```
global String cardHolderName {get; set;}
```

Property Value

Type: [String](#)

cardNumber

System-defined unique ID for the card payment method.

Signature

```
global String cardNumber {get; set;}
```

Property Value

Type: [String](#)

cardType

Defines the credit card bank. Possible values are `AmericanExpress`, `DinersClub`, `JCB`, `Maestro`, `MasterCard`, and `Visa`.



Type: `CardType`

CVV

The card security code for the credit or debit card on a card payment method.

Signature

```
global String cvv {get; set;}
```

Property Value

Type: `String`

email

Email address of the cardholder for the credit or debit card on a card payment method.

Signature

```
global String email {get; set;}
```

Property Value

Type: `String`

expiryMonth

Expiration month for the credit or debit card on a card payment method.

Signature

```
global Integer expiryMonth {get; set;}
```

Property Value

Type: `Integer`

expiryYear

Expiration year of the credit or debit card for the card payment method.

Signature

```
global Integer expiryYear {get; set;}
```

Property Value

Type: `Integer`

inputCardType

Input field for the card type. This field doesn't store the card type directly, but instead populates `CardBin`, `LastFour`, and `DisplayCardNumber` based on the value entered in `inputCardType`.

Signature

```
global String inputCardType {get; set;}
```

Property Value



The credit or debit card becomes valid on the first day of the startMonth in the startYear

Signature

```
global Integer startMonth {get; set;}
```

Property Value

Type: [Integer](#)

startYear

Year during which the credit or debit card becomes valid.

Signature

```
global Integer startYear {get; set;}
```

Property Value

Type: [Integer](#)

CardPaymentMethodRequest Methods

The following are methods for `CardPaymentMethodRequest`.

- [equals\(obj\)](#)
Maintains the integrity of lists of type `CardPaymentMethodRequest` by determining the equality of external objects in a list. This method is dynamic and based on the equals method in Java.
- [hashCode\(\)](#)
Maintains the integrity of lists of type `CardPaymentMethodRequest`.
- [toString\(\)](#)
Converts a date to a string.

equals(obj)

Maintains the integrity of lists of type `CardPaymentMethodRequest` by determining the equality of external objects in a list. This method is dynamic and based on the equals method in Java.

Signature

```
global Boolean equals(Object obj)
```

Parameters

obj

Type: `Object`

External object whose key is to be validated.

Return Value

Type: [Boolean](#)

hashCode()

Maintains the integrity of lists of type `CardPaymentMethodRequest`.

Signature



toString()

Converts a date to a string.

Signature

global String toString()

Return Value

Type: [String](#)

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