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## Structure

# PaymentCardTransactionRequest

A request for a contactless purchase or refund that includes the purchase amount and currency information.

iOS 15.4+ | iPadOS 15.4+ | Mac Catalyst 17.0+

```
struct PaymentCardTransactionRequest
```

## Mentioned in

 Adding support for Tap to Pay on iPhone to your app

## Overview

Create a `PaymentCardTransactionRequest` to specify the amount of a purchase or refund. After you create this object, pass it to the `readPaymentCard\( :\)` or `readPaymentCard\( : vasRequest:stopOnVASResult:\)` method of `PaymentCardReaderSession` to read the card associated with the transaction.

## Topics

### Creating a transaction request

```
init(amount: Decimal, currencyCode: String, for: PaymentCardTransactionRequest.TransactionType)
```

Creates a new transaction request for the specified amount in the designated currency.

## Getting the transaction details

`let amount: Decimal`

The amount of the purchase or refund in the specified currency.

`let currencyCode: String`

The ISO 4217 code that indicates the currency type.

`let type: PaymentCardTransactionRequest.TransactionType`

The type of transaction, either a purchase or a refund.

`enum TransactionType`

The type of transaction to perform.

`var transactionDescription: PaymentCardTransactionRequest.TransactionAmountDescription?`

An optional description of the current transaction meant to provide more context, such as a recurring payment being setup or a surcharge applied.

`enum TransactionAmountDescription`

Values that provide additional information about the transaction amount.

## Setting the preferred Application Identifier (AID) list

`var preferredAIDList: [Data]`

The preferred Application Identifier (AID) or Registered Application Provider Identifier (RID).

## Setting the user interface language

`var userInterfaceLanguage: Locale.Language?`

The language the framework uses when localizing the user interface.

## Instance Properties

`var useISOCurrencySymbol: Bool`

A boolean value that sets the system UI's currency symbol to ISO 4217 three-letter code.

## Enumerations

```
enum PaymentCycle
```

Values that specify the frequency of payments

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## Relationships

### Conforms To

Sendable, SendableMetatype

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### See Also

#### Payment requests

```
struct PaymentCardVerificationRequest
```

A request to verify details for a contactless payment card.

```
struct PaymentCardReadResult
```

The result of a payment card read operation.