Class

# PKRecurringPaymentRequest

A class that represents a request to set up a recurring payment, typically a subscription.

iOS 16.0+ | iPadOS 16.0+ | Mac Catalyst 16.0+ | macOS 13.0+ | visionOS 1.0+

```
class PKRecurringPaymentRequest
```

## Overview

> **Important**
>
> You must set the recurringPaymentRequest property on a PKPaymentRequest object to use this class to request a recurring payment.

Use a PKRecurringPaymentRequest object to provide the user with payment details and a way to manage payment methods for a recurring payment. You can optionally display a billing agreement and set up merchant token life cycle notifications for the request.

For more information about the merchant token life cycle notifications, see Apple Pay Merchant Token Management API.

## Topics

### Creating a recurring payment request

```
init(paymentDescription: String, regularBilling: PKRecurringPayment
SummaryItem, managementURL: URL)
```

Create a recurring payment object with a description, regular billing information, and a management URL.

## Describing a recurring payment

```
var paymentDescription: String
```

A description that you provide of the recurring payment and that Apple Pay displays to the user in the payment sheet.

```
var billingAgreement: String?
```

A localized billing agreement that the payment sheet displays to the user before the user authorizes the payment.

## Setting payment summary items

```
var regularBilling: PKRecurringPaymentSummaryItem
```

The regular billing cycle for the recurring payment, including start and end dates, an interval, and an interval count.

```
var trialBilling: PKRecurringPaymentSummaryItem?
```

The trial billing cycle for the recurring payment.

```
class PKRecurringPaymentSummaryItem
```

An object that defines a summary item for a payment that occurs repeatedly at a specified interval, such as a subscription.

## Managing payment tokens

```
var tokenNotificationURL: URL?
```

A URL you provide to receive life-cycle notifications from the Apple Pay servers about the Apple Pay merchant token for the recurring payment.

```
var managementURL: URL
```

A URL to a web page where the user can update or delete the payment method for the recurring payment.

# Relationships

## Inherits From

```
NSObject
```

## Conforms To

```
CVarArg
CustomDebugStringConvertible
CustomStringConvertible
Equatable
Hashable
NSObjectProtocol
```

# See Also

## Payment requests

`class` `PKPaymentRequest`

An object that represents a request for payment, including details about payment-processing capabilities, the payment amount, and shipping information.

`class` `PKAutomaticReloadPaymentRequest`

A class that represents a request to set up an automatic reload payment, such as a store card top-up or a prepaid account.

`class` `PKDeferredPaymentRequest`

An object that represents a request to set up a deferred payment, such as a hotel booking or a pre-order.

`class` `PKPaymentTokenContext`

A class that defines the context for a single payment token in a payment request for multimerchant payments.