

[ProximityReader](#) / PaymentCardReadResult

Structure



PaymentCardReadResult

The result of a payment card read operation.

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

```
struct PaymentCardReadResult
```

Mentioned in

-  Adding support for Tap to Pay on iPhone to your app
-  Accepting loyalty passes from Wallet

Overview

The system returns a `PaymentCardReadResult` in response to your requests to read a person's payment card. Use this information to facilitate payments with your payment service provider.

For information about how to read a payment card, see [PaymentCardReaderSession](#).

Topics

Getting the result data

```
let generalCardData: String?
```

A Base64-encoded string that contains general cardholder and terminal data in tag-length-value (TLV) format.

```
let paymentCardData: String?
```

A Base64-encoded string that contains the encrypted payment information to send to your payment provider.

Checking the read outcome

```
let outcome: PaymentCardReadResult.ReadOutcome
```

The outcome of the transaction.

```
enum ReadOutcome
```

Values that describe the outcome of a read request.

Getting the result ID

```
let id: String
```

The unique identifier for the transaction.

Getting the PIN status

```
let isPINFallback: Bool
```

A Boolean value that indicates whether the PIN Fallback occurred.

```
let pinBypassed: Bool
```

A Boolean value that indicates whether the consumer bypassed the PIN entry.

Getting the kernel type

```
let applicationTypeIdentifier: String?
```

A string identifier that represents the payment application type (kernel) used to read the card.

Instance Properties

```
let cardEffectiveState: PaymentCardReadResult.CardEffectiveState?
```

The effective state of the card that the system read.

```
let cardExpirationState: PaymentCardReadResult.CardExpirationState?
```

The expiration state of the card that the system read.

Enumerations

`enum CardEffectiveState`

Values that describe the effective state of the card that was read.

`enum CardExpirationState`

Values that describe the expiration state of the card that the system read.

Relationships

Conforms To

Identifiable, Sendable, SendableMetatype

See Also

Payment requests

`struct PaymentCardTransactionRequest`

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

`struct PaymentCardVerificationRequest`

A request to verify details for a contactless payment card.