

[FinanceKit](#) / Transaction

Structure

Transaction

A structure that represents a transaction relating to a specific financial account.

iOS 17.4+ | iPadOS 17.4+

```
struct Transaction
```

Overview

This can include transactions such as a deposit to or a withdrawn from bank account, a credit card transaction.

Topics

Instance Properties

```
let accountID: UUID
```

The account ID the transaction belongs to.

```
let creditDebitIndicator: CreditDebitIndicator
```

An indicator that describes if the transaction is a credit or a debit.

```
let foreignCurrencyAmount: CurrencyAmount?
```

The total amount of the transaction, if it was carried out in a foreign currency.

```
let foreignCurrencyExchangeRate: Decimal?
```

The currency exchange rate, if the transaction was carried out in a foreign currency.

`let id: UUID`

A unique internal ID.

`let merchantCategoryCode: MerchantCategoryCode?`

The ISO 18245 category code for the transaction.

`let merchantName: String?`

The name of the merchant, if present.

`let originalTransactionDescription: String`

The unmodified description of the transaction.

`let postedDate: Date?`

The date and time that the transaction was posted to the account.

`let status: TransactionStatus`

The status of the transaction, if available.

`let transactionAmount: CurrencyAmount`

The total amount of the transaction.

`let transactionDate: Date`

The time the transaction took place, if available.

`let transactionDescription: String`

A description of the transaction.

`let transactionType: TransactionType`

The type of the transaction.

Relationships

Conforms To

Decodable

Encodable

Equatable

Identifiable

Sendable

See Also

Transactions

```
func transactionHistory(forAccountID: UUID, since: FinanceStore.HistoryToken?, isMonitoring: Bool) -> FinanceStore.History<Transaction>
```

Returns the transactions for the specified account ID, optional starting time, and monitoring indicator for long running transaction queries.

```
func transactions(query: TransactionQuery) async throws -> [Transaction]
```

Returns transactions that match the provided transaction query.

```
struct AccountQuery
```

A structure that defines an account query.

```
struct AccountCreditInformation
```

A structure that describes the credit information associated with an account.

```
struct CurrencyAmount
```

A structure that describes a monetary amount and its currency.

```
struct TransactionQuery
```

A structure that describes the parameters to use for a transaction query.

```
enum TransactionType
```

Values that describe kinds of transactions.

```
enum TransactionStatus
```

Values that describe the status of a transaction.