

[FinanceKit](#) / TransactionQuery

Structure

TransactionQuery

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

iOS 17.4+ | iPadOS 17.4+

```
struct TransactionQuery
```

Overview

Use a `TransactionQuery` to find and filter transactions in a person's accounts.

Topics

Initializers

```
init(sortDescriptors: [SortDescriptor<Transaction>], predicate:  
Predicate<Transaction>?, limit: Int?, offset: Int?)
```

Creates a new transaction query with the provided sort descriptors, predicate, and limit on the number of records the query should return.

Type Methods

```
static func predicate(forMerchantCategoryCodes: [MerchantCategoryCode])  
-> Predicate<Transaction>
```

A predicate that returns transactions that match any of the provided merchant category codes.

```
static func predicate(forStatuses: [TransactionStatus]) -> Predicate<Transaction>
```

Returns a predicate that matches any of the provided transaction statuses.

```
static func predicate(forTransactionTypes: [TransactionType]) -> Predicate<Transaction>
```

Returns a predicate that matches any of the provided transaction types.

Relationships

Conforms To

Sendable, SendableMetatype

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 Transaction`

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

`enum TransactionType`

Values that describe kinds of transactions.

`enum TransactionStatus`

Values that describe the status of a transaction.