

[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.

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## Relationships

### Conforms To

Sendable, SendableMetatype

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### 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.