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Class

# CNContactFetchRequest

An object that defines the options to use when fetching contacts.

iOS 9.0+ | iPadOS 9.0+ | Mac Catalyst 13.1+ | macOS 10.11+ | visionOS 1.0+ | watchOS 2.0+

```
class CNContactFetchRequest
```

## Overview

You need at least one contact property key to fetch a contact's properties. Use this class with the [`enumerateContacts\(with:usingBlock:\)`](#) method to execute the contact fetch request.

## Topics

### Creating a Fetch Request

```
init(keysToFetch: [any CNKeyDescriptor])
```

Creates a fetch request for the specified keys.

```
protocol CNKeyDescriptor
```

This protocol is reserved for Contacts framework usage.

### Specifying the Search Predicate

```
var predicate: NSPredicate?
```

The predicate to match contacts against.

## Configuring the Fetch Options

`var mutableObjects: Bool`

A Boolean value that indicates whether to return mutable contacts.

`var unifyResults: Bool`

A Boolean value that indicates whether to return linked contacts as unified contacts.

`var sortOrder: CNContactSortOrder`

The sort order for contacts.

`enum CNContactSortOrder`

Indicates the sorting order for contacts.

## Specifying the Keys to Fetch

`var keysToFetch: [any CNKeyDescriptor]`

The properties to fetch in the returned contacts.

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## Relationships

### Inherits From

CNFetchRequest

### Conforms To

CVarArg

CustomDebugStringConvertible

CustomStringConvertible

Equatable

Hashable

NSCoding

NSObjectProtocol

NSSecureCoding

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## See Also

### Fetch and save requests

`class CNFetchRequest`

The base class for contact fetch requests.

`class CNFetchResult`

An object that represents the result of a change-history fetch request.

`class CNSaveRequest`

An object that collects the changes you want to save to the user's contacts database.