

[Core Data](#) / [NSAsynchronousFetchRequest](#)

Class

NSAsynchronousFetchRequest

A fetch request that retrieves results asynchronously and supports progress notification.

iOS 8.0+ | iPadOS 8.0+ | Mac Catalyst 13.1+ | macOS 10.10+ | tvOS | visionOS 1.0+ | watchOS 2.0+

```
class NSAsynchronousFetchRequest<ResultType> where ResultType : NSFetchedResults
```

Topics

Initializing a Request

```
init(fetchRequest: NSFetchedRequest<ResultType>, completionBlock: ((NSAsynchronousFetchResult<ResultType>) -> Void)?)
```

Initializes a new asynchronous fetch request configured with the provided fetch request and completion block.

Preparing a Request

```
var completionBlock: NSPersistentStoreAsynchronousFetchResultCompletionBlock?
```

The block that is executed when the fetch request has completed.

```
var estimatedResultCount: Int
```

A configuration parameter that assists Core Data with scheduling the asynchronous fetch request.

```
var fetchRequest: NSFetchedRequest<ResultType>
```

The underlying fetch request that is executed asynchronously.

Relationships

Inherits From

NSPersistentStoreRequest

Conforms To

CVarArg

CustomDebugStringConvertible

CustomStringConvertible

Equatable

Hashable

NSCopying

NSObjectProtocol

See Also

Fetch requests

class NSFetchedRequest

A description of search criteria used to retrieve data from a persistent store.

class NSAsynchronousFetchResult

A fetch result object that encompasses the response from an executed asynchronous fetch request.

class NSFetchedResultsController

A controller that you use to manage the results of a Core Data fetch request and to display data to the user.