
NSExpressionDescription

Data Management



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NSExpressionDescription

Inherits from	NSPropertyDescription : NSObject
Conforms to	NSCoding (NSPropertyDescription) NSCopying (NSPropertyDescription) NSObject (NSObject)
Framework	/System/Library/Frameworks/CoreData.framework
Availability	Available in iOS 3.0 and later.
Companion guide	Core Data Model Versioning and Data Migration Programming Guide
Declared in	NSExpressionDescription.h

Overview

Instances of `NSExpressionDescription` objects represent a special property description type intended for use with the `NSFetchRequest propertiesToFetch` method.

An `NSExpressionDescription` describes a column to be returned from a fetch that may not appear directly as an attribute or relationship on an entity. Examples might include `upper(attribute)` or `max(attribute)`. You cannot set an `NSExpressionDescription` object as a property of an entity.

Tasks

Getting Information About an Expression Description

- [expression](#) (page 6)
Returns the expression for the receiver.
- [setExpression:](#) (page 6)
Sets the expression for the receiver.
- [expressionResultType](#) (page 6)
Returns the type of the receiver.
- [setExpressionResultType:](#) (page 7)
Sets the type of the receiver.

Instance Methods

expression

Returns the expression for the receiver.

- (NSExpression *)expression

Return Value

The expression for the receiver.

Availability

Available in iOS 3.0 and later.

See Also

- [setExpression:](#) (page 6)

Declared In

NSExpressionDescription.h

expressionResultType

Returns the type of the receiver.

- (NSAttributeType)expressionResultType

Return Value

The type of the receiver.

Availability

Available in iOS 3.0 and later.

See Also

- [expressionResultType](#) (page 6)

Declared In

NSExpressionDescription.h

setExpression:

Sets the expression for the receiver.

- (void)setExpression:(NSExpression *)expression

Parameters

expression

The expression for the receiver.

Special Considerations

This method raises an exception if the receiver's `model` has been used by an object graph manager.

Availability

Available in iOS 3.0 and later.

See Also

- [expression](#) (page 6)

Declared In

NSExpressionDescription.h

setExpressionResultType:

Sets the type of the receiver.

- (void)setExpressionResultType:(NSAttributeType) *type*

Parameters

type

An NSAttributeType constant that specifies the type for the receiver.

Special Considerations

This method raises an exception if the receiverâs model has been used by an object graph manager.

Availability

Available in iOS 3.0 and later.

See Also

- [setExpressionResultType:](#) (page 7)

Declared In

NSExpressionDescription.h

Document Revision History

This table describes the changes to *NSExpressionDescription*.

Date	Notes
2009-02-03	Updated for iOS 3.0.
2009-03-03	New document that describes the class used to describe a column to be returned from a fetch.

REVISION HISTORY

Document Revision History