
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 Mac OS X v10.6 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 Mac OS X v10.6 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 Mac OS X v10.6 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 Mac OS X v10.6 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 Mac OS X v10.6 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