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# EOOrQualifier

Inherits From:	EOQualifier : NSObject
Conforms To:	EOQualifierEvaluation EOQualifierSQLGeneration
Declared In:	EOControl/EOQualifier.h

## Class Description

EOOrQualifier is a subclass of EOQualifier that contains multiple qualifiers. EOOrQualifier adopts the EOQualifierEvaluation protocol, which defines the method **evaluateWithObject:** for in-memory evaluation. When an EOOrQualifier object receives an **evaluateWithObject:** message, it evaluates each of its qualifiers until one of them returns YES. If one of its qualifiers returns YES, the EOOrQualifier object returns YES immediately. If all of its qualifiers return NO, the EOOrQualifier object returns NO.

## Adopted Protocols

EOQualifierEvaluation	– evaluateWithObject:
EOQualifierSQLGeneration	– sqlStringForSQLExpression: – schemaBasedQualifierWithRootEntity:

## Method Types

Initializing an EOOrQualifier	– initWithQualifierArray: – initWithQualifiers:
Returning an EOOrQualifier's qualifiers	– qualifiers

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## Instance Methods

### **evaluateWithObject:**

@protocol EOQualifierEvaluation  
– (BOOL)**evaluateWithObject:**(id)*anObject*

Returns YES if *anObject* satisfies the qualifier, NO otherwise. When an EOOrQualifier object receives an **evaluateWithObject:** message, it evaluates each of its qualifiers until one of them returns YES. If any of its qualifiers returns YES, the EOOrQualifier object returns YES immediately. If all of its qualifiers return NO, the EOOrQualifier object returns NO. This method can raise one of several possible exceptions if an error occurs. If your application allows users to construct arbitrary qualifiers (such as through a user interface), you may want to put exception handlers around this method to properly respond to errors (for example, by displaying a panel saying that the user typed a poorly formed qualifier).

### **initWithQualifierArray:**

– **initWithQualifierArray:**(NSArray \*)*qualifiers*

Initializes the receiver with the qualifiers *qualifiers* and returns **self**. This method is the designated initializer for EOOrQualifier.

### **initWithQualifiers:**

– **initWithQualifiers:**(EOQualifier \*)*qualifiers*,...

Initializes the receiver with the **nil**-terminated list of qualifiers *qualifiers*. Works by invoking **initWithQualifierArray:**. For example, the following code excerpt constructs three qualifiers, **qual1**, **qual2**, and **qual3**. It then uses these qualifiers to initialize an EOOrQualifier, **orQual**. **orQual** is then used to filter an in-memory array.

```
NSArray *guests;    /* Assume this exists. */
EOQualifier *qual1, *qual2, *qual3, *orQual;

qual1 = [EOQualifier qualifierWithQualifierFormat:@"lastName = 'Nunez'"];
qual2 = [EOQualifier qualifierWithQualifierFormat:@"lastName = 'Wren'"];
qual3 = [EOQualifier qualifierWithQualifierFormat:@"lastName = 'Wilson'"];

/* Initialize the EOOrQualifier orQual using a nil-terminated list of
 * qualifiers.
 */
orQual = [[EOOrQualifier alloc] initWithQualifiers:qual1, qual2, qual3, nil];
/* Use orQual to filter the array guests. */
return [guests filteredArrayUsingQualifier:orQual];
```

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**qualifiers**

– (NSArray \*)**qualifiers**

Returns the receiver’s qualifiers.