
EOAndQualifier

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

Class Description

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

Adopted Protocols

EOQualifierEvaluation	– evaluateWithObject:
EOQualifierSQLGeneration	– sqlStringForSQLExpression: – schemaBasedQualifierWithRootEntity:

Method Types

Initializing an EOAndQualifier	– initWithQualifierArray: – initWithQualifiers:
Returning an EOAndQualifier’s qualifiers	– qualifiers

Instance Methods

evaluateWithObject:

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

Returns YES if *anObject* satisfies the qualifier, NO otherwise. When an EOAndQualifier object receives an **evaluateWithObject:** message, it evaluates each of its qualifiers until one of them returns NO. If any of its qualifiers returns NO, the EOAndQualifier object returns NO immediately. If all of its qualifiers return YES, the object returns YES. 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 EOAndQualifier.

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 two qualifiers, **qual1** and **qual2**. It then uses these qualifiers to initialize an EOAndQualifier, **andQual**. **andQual** is then used to filter an in-memory array.

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

qual1 = [EOQualifier qualifierWithQualifierFormat:@"lastName = 'Nunez'"];
qual2 = [EOQualifier qualifierWithQualifierFormat:@"firstName = 'Maria'"];
andQual = [[EOAndQualifier alloc] initWithQualifiers:qual1, qual2, nil];
return [guests filteredArrayUsingQualifier:andQual];
```

qualifiers

– (NSArray *)*qualifiers*

Returns the receiver's qualifiers.