
EONotQualifier

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

Class Description

EONotQualifier is a subclass of EOQualifier that contains a single qualifier. When an EONotQualifier object is evaluated, it returns the inverse of the result obtained by evaluating the qualifier it contains.

EONotQualifier adopts the EOQualifierEvaluation protocol, which defines the method **evaluateWithObject:** for in-memory evaluation. When an EONotQualifier object receives an **evaluateWithObject:** message, it evaluates the given object to determine if it satisfies the qualifier criteria.

Adopted Protocols

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| EOQualifierEvaluation | – evaluateWithObject: |
| EOQualifierSQLGeneration | – sqlStringForSQLExpression: – schemaBasedQualifierWithRootEntity: |

Method Types

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| Initialize an EONotQualifier | – initWithQualifier: |
| Return the EONotQualifier's qualifier | – qualifier |

Instance Methods

evaluateWithObject:

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

Returns YES if the object *anObject* satisfies the EONotQualifier, NO otherwise. 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).

initWithQualifier:

– **initWithQualifier:**(EOQualifier *)*aQualifier*

Initializes the receiver with the EOQualifier *aQualifier*. For example, the following code excerpt constructs a qualifier, **baseQual**, and uses it to initialize an EONotQualifier, **negQual**. The EONotQualifier **negQual** is then used to filter an in-memory array. The code excerpt returns an array of Guest objects whose **lastName** properties do *not* have the same value as the **lastName** property of the guest's sponsoring member (this example is based on the Rentals sample database). In other words, the EONotQualifier **negQual** inverts the effects of **baseQual**.

```
NSArray *guests;          /* Assume this exists. */
EOQualifier *baseQual, *negQual;

baseQual = [EOQualifier qualifierWithQualifierFormat:@"lastName =
    member.lastName"];
negQual = [[EONotQualifier alloc] initWithQualifier:baseQual];
return [guests filteredArrayUsingQualifier:negQual];
```

qualifier

– (EOQualifier *)**qualifier**

Returns the receiver's qualifier.