
ISyncFilter Class Reference

Data Management: Syncing



2006-07-07



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ISyncFilter Class Reference

Inherits from	NSObject
Conforms to	NSObject (NSObject)
Framework	/System/Library/Frameworks/SyncServices.framework
Availability	Available in Mac OS X v10.4 and later.
Companion guide	Sync Services Programming Guide
Declared in	ISyncFilter.h

Overview

ISyncFilter provides a set of standard filters that can be used by any client, and some utility methods for creating filters. You should never instantiate or subclass ISyncFilter directly.

If your application uses only a subset of the entities, attributes, and relationships defined in a schema, then you can restrict pulled records to that subset using filters. A filter is any object that conforms to the ISyncFiltering protocol. You set filters using the `setFilters: ISyncClient` method.

Use the methods in this class to create new filters by applying logical AND and OR binary operators on a collection of filters. Use the [filterMatchingAllFilters: \(page 6\)](#) to apply an AND operator and [filterMatchingAtLeastOneFilter: \(page 6\)](#) to apply an OR operator.

See *Sync Services Programming Guide* for more information on using filters.

Tasks

Creating and Initializing Instances

- + [filterMatchingAllFilters: \(page 6\)](#)
Returns a filter that is the logical AND of the filters specified in the *filters* array.
- + [filterMatchingAtLeastOneFilter: \(page 6\)](#)
Returns a filter that is the logical OR of the filters specified in the *filters* array.

Class Methods

filterMatchingAllFilters:

Returns a filter that is the logical AND of the filters specified in the *filters* array.

```
+ (id <ISyncFiltering>)filterMatchingAllFilters:(NSArray *)filters
```

Discussion

All the filters are expected to conform to the ISyncFiltering protocol.

Availability

Available in Mac OS X v10.4 and later.

Declared In

ISyncFilter.h

filterMatchingAtLeastOneFilter:

Returns a filter that is the logical OR of the filters specified in the *filters* array.

```
+ (id <ISyncFiltering>)filterMatchingAtLeastOneFilter:(NSArray *)filters
```

Discussion

All the filters are expected to conform to the ISyncFiltering protocol.

Availability

Available in Mac OS X v10.4 and later.

Declared In

ISyncFilter.h

Document Revision History

This table describes the changes to *ISyncFilter Class Reference*.

Date	Notes
2006-07-07	First publication of this content as a separate document. Updated for Mac OS X v10.5.

REVISION HISTORY

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`filterMatchingAllFilters:` class method [6](#)

`filterMatchingAtLeastOneFilter:` class method [6](#)