

FCOrderedSet

Inherits From: FCUnsortedCollection : FCOrderedCollection : FCCollection : Object

Declared In: FCOrderedSet.h

Class Description

FCOrderedSet is a subclass of FCUnsortedCollection that implements an ordered collection in which the entries are unique.

Using FCOrderedSet is an quick and easy way to ensure that a collection that is supposed to be unique stays unique without you having to constantly check before adding objects to the set.

FCOrderedSet uses a secondary hash table to track which objects are present in its main collection; this makes the - **contains:** message $O(1)$ instead of linear, as in its superclass FCUnsortedCollection. Thus the internal check to make sure objects stay unique is very efficient.

FCOrderedSet inherits from FCUnsortedCollection, FCOrderedCollection, and FCCollection. The interface documented here only covers the methods that are new or different in FCOrderedSet, but all the methods in its superclasses will work on an FCOrderedSet as well. Refer to the documentation on those classes to complete the description of an FCOrderedSet.

Instance Variables

Inherited from Object

None declared in this class.

Inherited from FCCollection

id **_fc_contents** ;

Class **_fc_class** ;

SEL **_fc_sortSelector** ;

BOOL **_fc_archiveByReference** ;

Inherited from FCOrderedCollection

None declared in this class.

Inherited from FCUnsortedCollection

None declared in this class.

Declared in FCOrderedSet

HashTable * **_fc_uniquelds** ;

_fc_uniquelds

maintained to do constant time inquiries for - **contains:**

Method Types

Accessing the Behavior of the Collection

-uniqueElements

Instance Methods

uniqueElements

- (BOOL)**uniqueElements;**

Returns YES to indicate that, unlike in FCCollection, a single object may not appear multiple times in this collection (by definition of a set).

See also: - **uniqueElements** (FCCollection)