

# DBCursorPositioning

**Adopted By:** DBRecordList  
DBBinder

**Declared In:** dbkit/cursors.h

## Protocol Description

The DBCursorPositioning protocol lets an object be used as a cursor (or pointer) into a list of records, as contained by a DBRecordList or a DBBinder's container. You should need to adopt this protocol in a custom class only if you're creating your own container for a DBBinder (in the manner of DBRecordList). And in that case, you should only access records through methods defined by your container. In other words, if you position the cursor by sending your object one of the DBCursorPositioning messages, you shouldn't then try to retrieve record values through DBBinder's **valueForProperty:** method.

## Method Types

Setting the position	<ul style="list-style-type: none"><li>- setFirst</li><li>- setLast</li><li>- setNext</li><li>- setPrevious</li><li>- setTo:</li></ul>
Querying the position	<ul style="list-style-type: none"><li>- currentPosition</li></ul>

## Instance Methods

**currentPosition**  
- (unsigned int)**currentPosition**  
Returns the index of the record to which the cursor is currently pointing.

**setFirst**  
- **setFirst**  
Sets the cursor to point to the first record in the container and returns that record. Returns **nil** if the container holds no records.

**setLast**  
- **setLast**  
Sets the cursor to point to the last record in the container and returns that record. Returns **nil** if the container holds no records.

**setNext**

### - **setNext**

Sets the cursor to point to the next record in the container and returns that record. Returns **nil** and doesn't move the cursor if it's currently pointing to the last record.

### **setPrevious**

#### - **setPrevious**

Sets the cursor to point to the previous record in the container and returns that record. Returns **nil** and doesn't move the cursor if it's currently pointing to the first record.

### **setTo:**

#### - **setTo:**(unsigned int)*index*

Sets the cursor to point to the *index*'th record in the container and returns that record. Returns **nil** and doesn't move the cursor if *index* is out of bounds.