

FetchGroup:aFetchGroup Initializes associates aFetchGroup with aDest
expression:anExpr
destination:aDest

destinationThe association's user interface object
fetchGroupThe DBFetchGroup that owns the association
expressionThe DBExpression that selects the properties displayed
Destination:newDestinationSets the user association's user interface object

contentsDidChangeNotice to redisplay because the value changed
currentRecordDidDeleteNotice to redisplay because a record was deleted
editingNotification that editing the destination must end
Value:valueGets an object containing the association's data
(unsigned int)selectedRowAfter:(unsigned int)previousRow
The index of the next selected row
selectionDidChangeNotice that the user has changed the selection
Value:valueSets the association's data
validateEditingNotice to validate changes the user has made

association:associationGets an object containing the association's data
getValue:(DBValue *)value
association:associationSets the association's data
setValue:(DBValue *)value
associationContentsDidChange:associationNotice to redisplay because the value changed
associationCurrentRecordDidDelete:association
Notice to redisplay because a record was deleted
associationSelectionDidChange:associationNotice that the user has changed the selection

Initializes a new DBBinder instance
ForDatabase:aDBDatabase Initializes database, properties, qualifier frees DBBinder

st *)getProperties:(List *)aListGets and returns the DBBinder's properties
st *)setProperties:(List *)aListSets and returns the DBBinder's properties
Property:anObjectAdds an object to the list of properties
movePropertyAt:(unsigned int)indexDeletes one of the objects from the list of properties

BQualifier *)qualifierThe DBBinder's qualifier
Qualifier:(DBQualifier *)aQualifierSets the DBBinder's qualifier

<DBContainers>)containerThe DBBinder's container
Container:(id <DBContainers>)anObjectSets the DBBinder's container
FlushEnabled:(BOOL)flagSets whether flushing the DBBinder is permitted
(BOOL)isFlushEnabledReports whether flushing is enabled default YES
FreeObjectsOnFlush:(BOOL)flagSets whether the DBBinder is freed when flushed
(BOOL)areObjectsFreedOnFlushYES if container objects freed when DBBinder is flushed

RecordPrototype:anObjectMakes anObject the prototype for the DBBinder's records
ateRecordPrototypeCreate default prototype object for the DBBinder's records
(BOOL)ownsRecordPrototypeYES if createRecordPrototype will work (no prototype)
ordPrototypeThe DBBinder's record prototype
ociateRecordIvar:(const char *)variableName Makes variableName report the value of aProperty
 withProperty:(id <DBProperties>)aProperty
ociateRecordSelectors:(SEL)set Sets the selectors for storing and retrieving aProperty
 :(SEL)get
 withProperty:(id <DBProperties>)aProperty
BValue *)valueForProperty:(id <DBProperties>)aProperty
 The value of aProperty for the current record

IRetrieveOrder:(DBRetrieveOrder)anOrder for:(id <DBProperties>)aProperty
 Appends aProperty to the retrieve ordering criteria
moveRetrieveOrderFor:(id <DBProperties>)aProperty
 Removes aProperty from the list of ordering criteria
BRetrieveOrder)retrieveOrderFor:(id <DBProperties>)aProperty
 The direction in which aProperty is sorted on retrieve
signed int)positionInOrderingsFor:(id <DBProperties>)aProperty
 The rank order of aProperty in the list of order criteria
(BOOL)ignoresDuplicateResultsYES if duplicate records are ignored during select
ignoresDuplicateResults:(BOOL)flagSets whether duplicate records will be ignored in select

`BOOL)evaluateString:(const unsigned char *)aString`
Tells the adaptor to evaluate aString (without qualifier)
`BOOL)adaptorWillEvaluateString:(const unsigned char *)aString`
YES if delegate permits evaluation of aString default YES

`FetchInThread` Starts an asynchronous fetch to the container
`FetchAborts` an asynchronous fetch
`FetchThreadedFetchCompletion:(double)timeout`
Sends `binderDidFetch`: if an asynchronous fetch completes within timeout seconds

`MaximumRecordsPerFetch:(unsigned int)limit`
Sets maximum records per synchronous fetch
`(unsigned int)maximumRecordsPerFetch` Returns maximum records per fetch default unlimited
`BOOL)recordLimitReached` YES if the previous fetch stopped for the record limit

`SharesContext:(BOOL)flag` Set whether this binder uses the shared cursor
`BOOL)sharesContext` YES if this binder uses the shared cursor

`FetchCancel` Cancels any fetch, then flushes and frees objects
`BOOL)flush` If enabled, empties the container
`(NXZone *)scratchZone` The zone the DBBinder is now using for allocations

`Delegate` The object that receives notification messages
`Delegate:anObject` Sets the object to receive notification messages

`initWithStream:(NXTypedStream *)stream` Creates an instance by reading from a typed stream
`archive:(NXTypedStream *)stream` Archives an instance by writing to a typed stream

`binder:aBinder didEvaluateString:(const unsigned char *)aString`
Notification that aString was evaluated by the adaptor
`BOOL)binder:aBinder willEvaluateString:(const unsigned char *)aString`
Notification that aString will be sent the adaptor YES lets evaluation proceed
`binderDidDelete:aBinder` Notification that records were deleted from the database
`binderDidFetch:aBinder` Notification that records were fetched from the database
`binderDidInsert:aBinder` Notification that records were inserted in the database
`binderDidSelect:aBinder` Notification that records were selected (but not fetched)

FromFile:(const char *)aPathInitializes and loads information from a model file

const char *)directoryThe directory from which the model was loaded

const char *)nameThe model's name in the class's name table

OOL)setName:(const char *)aStringSets the model's name in the class's name table

const char *)currentAdaptorNameThe name of the current database adaptor

const char *)defaultAdaptorNameThe name of the model's default adaptor

const unsigned char *)defaultLoginStringThe model's default login string

const unsigned char *)currentLoginStringThe current login string

const unsigned char *)loginStringForUser:(const char *)aUser

The the model's login string for user aUser

<DBEntities>)entityNamed:(const char *)aName

urns an object embodying entity aName

st *)getEntities:(List *)aListReturns a list of the names of the model's entities

ptyDataDictionaryFrees the current data dictionary

dDefaultDataDictionaryReplaces the data dictionary by querying the database

OOL)connect Opens a connection to database using the default login

OOL)connectUsingString:(const unsigned char *)aString

Opens database connection to database by sending aString

OOL)connectUsingAdaptor:(const char *)aClassname

andString:(const unsigned char *)aString

OOL)disconnect Disconnects from the database

OOL)disconnectUsingString:(const unsigned char *)aString

Disconnects from the database by sending it aString

(BOOL)areTransactionsEnabled YES if transactions are enabled
(BOOL)enableTransactions:(BOOL)flag Enable/disable transaction returns YES if successful

delegate The object that receives notification messages
Delegate:anObject Sets the object that receives notification messages

(BOOL)evaluateString:aString Returns YES if the adaptor evaluates the string

(BOOL)arePanelsEnabled YES if UI panels can respond to problems
PanelsEnabled:(BOOL)flag Enable/disable response by UI panels

(NXTypedStream *)stream Creates an instance by reading from a typed stream
(NXTypedStream *)stream Archives an instance by writing to a typed stream

aDatabase Notification of log message sent by aDatabase
log:(const char*) fmt, 1/4

(BOOL)db:aDatabase Notification of a message received from aDatabase
notificationFrom:anObject Returns YES when the user acknowledges the notification.
message:(const unsigned char*)msg
code:(int)n

(BOOL)db:aDatabase Notice that aString will be evaluated YES lets it proceed
willEvaluateString:(const char *)aString
usingBinder:(const char *)aBinder

DidRollbackTransaction:sender Notification that database rolled back a transaction

DidCommitTransaction:sender Notification that database committed a transaction

WillCommitTransaction:sender Notification that database will commit a transaction

WillRollbackTransaction:sender Notification that database will roll back a transaction

Initializes a new instance

Free the space an instance formerly used

font Returns the font used in the editable display

Font:aFont Sets the font used in the editable display

:(BOOL)useColumnPos

DOL)editFieldAt:(unsigned int)row Displays and prepares to edit one field of the data source's
:(unsigned int)column current record, taken from row or column of dynamic axis,
inside:(NXRect *)frameusing rowAttrs or colAttrs to identify static attributes,
inView:aViewand flags useRowPos and useColumnPos to select which
withAttributes:(id <DBTableVectors>) rowAttrs
:(id <DBTableVectors>) columnAttrsreturns YES if editing was permitted
usePositions:(BOOL)useRowPos
:(BOOL)useColumnPos
onEvent:theEvent

ortEditingForces an end to editing and discards changes returns self

DOL)endEditingEnds editing when user clicks elsewhere Returns YES if that becomes first responder

d:(NXTypedStream *)streamCreates an instance by reading from a typed stream

te:(NXTypedStream *)streamArchives an instance by writing to a typed stream

shUnarchivingAutomatically invoked final step in unarchiving

ForEntity:(id <DBEntities>)anEntity Initializes for anEntity, with description string shown
fromDescription:(const unsigned char *)descriptionFormat, ¼

ForEntity:(id <DBEntities>)anEntity Initializes anEntity, from property aName,
fromName:(const char *)aName to have data type aType
usingType:(const char *)aType

oyFromZone:(NXZone *)zoneReturns new copy of receiver, allocated from zone

eFrees the space that an instance formerly used

Entity:(id <DBEntities>)anEntity Sets anEntity, with the description string shown
andDescription:(const unsigned char *)descriptionFormat, ¼

d:(NXTypedStream *)streamCreates an instance by reading from a typed stream

te:(NXTypedStream *)streamArchives an instance by writing to a typed stream

inst char *)nameReturns the name (set to match the attribute it fetches)
oduleThe DBModule that owns the fetch group
ityThe DBEntity for which the fetch group fetches
ordListThe DBRecordList in which fetched records are stored
signed int)currentRecordThe index within the DBRecordList of the current record
signed int)recordCountThe number of records in the DBRecordList

Autoselect:(BOOL)flagIf YES, fetch selects first row, delete selects next rowf
(BOOL)doesAutoSelectReturns flag set by setAutoselect: default YES
CurrentRecord:(unsigned int)newIndexSets a position within the DBRecordList
arCurrentRecordDeselects current record
signed int)selectedRowAfter:(unsigned int)previousRow
Index of first selected row after previousRow
isplayEverythingDisplays all of DBFetchGroup's DBAssociations

eteCurrentSelectionDeletes the selected records from the DBRecordList
(BOOL)insertNewRecordAt:(unsigned int)indexInserts a (default) record in the DBRecordList at index
chContentsOf:aSource usingQualifier:aQualifier
Replaces all records by reading aSource using aQualifier

(BOOL)hasUnsavedChangesYES if the DBRecordList has been changed but not saved
(BOOL)validateCurrentRecordYES unless delegates for editor or DDModule object
eChangesSaves changes in this or subordinate fetch groups
cardChangesDiscards changes in this and subordinate fetch groups

Expression:newExpressionAdds newExpression to the list of expressions to fetch
eValueFromAssociation:anAssociationPuts the displayed value into the DBRecordList
Association:newAssociationAdds newAssociation to the list of associations
moveAssociation:anAssociationRemoves anAssociation from the list of associations

egateThe object that receives notification messages
Delegate:anObjectSets the object to receive notification messages

chGroup:fetchGroup
didInsertRecordAt:(int)indexNotification of a new record in the DBRecordList

chGroupWillFetch:fetchGroupNotification that fetch will change the DBRecordList
DOL)fetchGroupWillSave:fetchGroupNotification of pending save YES lets it proceed

aSource>Returns the DBRecordList (or other source)

DataSource:newDataSourceMakes newDataSource the place to get values for display

ValueAt:(unsigned int) row Returns a DBValue from the DBRecordList,
:column taking it from position row or column of the dynamic axis,
inside:(NXRect *)frame using rowAttrs or colAttrs to identify static attributes,
inView:aView and flags useRowPos and useColumnPos to select which
withAttributes:(id <DBTableVectors>) rowAttrs
:(id <DBTableVectors>) columnAttrs
usePositions:(BOOL) useRowPos
:(BOOL) useColumnPos

FieldAt:(unsigned int) row Displays one field of the data source's current record
:column taken from position row or column of the dynamic axis,
inside:(NXRect *)frame using rowAttrs or colAttrs to identify static attributes,
inView:aView and flags useRowPos and useColumnPos to select which
withAttributes:(id <DBTableVectors>) rowAttrs
:(id <DBTableVectors>) columnAttrs
usePositions:(BOOL) useRowPos
:(BOOL) useColumnPos

inBatching:(id <DBTableVectors>) attrs Notification that format attrs apply to all following items

BatchingMarks the end of a block of items formatted the same way

etBatching:(id <DBTableVectors>) attrs Begin batching if not already started

egateThe object that receives notification messages

Delegate:anObject Sets the object to receive notification messages

Initializes a new instance

eFrees the space an instance formerly used

column taken from position row or column of the dynamic axis,
inside:(NXRect *)frame using rowAttrs or colAttrs to identify static attributes,
inView:aView and flags useRowPos and useColumnPos to select which
withAttributes:(id <DBTableVectors>) rowAttrs
:(id <DBTableVectors>) columnAttrs
usePositions:(BOOL)useRowPos
:(BOOL)useColumnPos

d:(NXTypedStream *)stream Creates an instance by reading from a typed stream
te:(NXTypedStream *)stream Archives an instance by writing to a typed stream

Frame:(const NXRect *)frameRect Initializes the view in the frame coordinates
wSelf:(const NXRect *)rects Called by display to draw the image
:(int)rectCount

age Returns the image being displayed
Image:newImage Makes newImage the image to display

Style:(int)newStyle Sets the style of border for the image
)style Returns a constant indicating the border style

BOOL)isEditable YES if the image can be deleted or replaced
Editable:(BOOL)flag Allow/prohibit deleting or replacing the image

abase The DBModule's DBDatabase
ity The DBModule's DBEntity
tFetchGroup The DBModule's root DBFetchGroup
ociationForObject:anObject The DBAssociation that handles UI object anObject
tingAssociation The DBAssociation currently involved in editing
FetchGroups:(List *)aList Returns a list of all the DBModule's DBFetchGroups
chGroupNamed:(const char *)aName Returns the DBFetchGroup for the property named aName

chAllRecords:senderFetches all records for the DBModule's root fetch group
eChanges:senderSaves in the database changes made to the fetched records
cardChanges:senderDiscard changes proposed for the fetched records
eteRecord:senderDelete one of the fetched records
endNewRecord:senderAppend a new (default) record to those fetched
ertNewRecord:senderInsert a new (default) record at the current position
tRecord:senderSelect the next of the fetched records
viousRecord:senderSelect the preceding of the fetched records
eValueFrom:senderUI object has a new value, so fetched record is revised
tDidEnd:textObjectUser has finished editing a text field
 endChar:(unsigned short)whyEnd
OOL)textWillChange:textObjectUser has entered an editable field YES lets editing proceed
OOL)textWillEnd:textObjectNotification that an editable field will relinquish first responder YES lets the cha

egateThe object that receives notification messages
Delegate:anObjectSets the object to receive notification messages

oduleDidSave:moduleCalled when module has completed a save to the database
OOL)moduleWillLoseChanges:moduleCalled when module is about to discard user's changes
OOL)moduleWillSave:moduleCalled when module is about to save to the database

ForEntity:(id <DBEntities>)anEntityInitializes a new instance to select from anEntity
ForEntity:(id <DBEntities>)anEntityInitializes to select from anEntity by descriptionFormat
 fromDescription:(const unsigned char *)descriptionFormat, ¼
yFromZone:(NXZone*)zReturns a copy of the DBQualifier, allocating from z
eFrees space that a DBQualifier formerly used

IDescription:(const unsigned char *)descriptionFormat, ¼
Appends descriptionFormat to the qualifier descriptions
Entity:(id <DBEntities>)anEntitySets both anEntity and qualifying descriptionFormat
 andDescription:(const unsigned char *)descriptionFormat, ¼
OOL)setName:(const char *)aNameAssigns the DBQualifier aName and returns YES
OOL)emptyDeletes the qualifying descriptions and returns YES

DBRecordList(DBRecordList *pstream) Removes an instance by writing to a typed stream

Initialize: Initializes a new instance of DBRecordList
Free: Frees the space a DBRecordList formerly used
Empty: Empties the record list and lists of properties

RetrieveMode: (DBRecordListRetrieveMode) aMode
Sets the DBRecordList's retrieval strategy
RetrieveMode: (DBRecordListRetrieveMode) currentRetrieveMode
Returns a constant identifying the retrieval strategy

FetchRecordForRecordKey: (DBValue *) aValue Fetches records qualified by matching aValue
FetchUsingQualifier: (DBQualifier *) aQualifier Empties, then fetches records selected by aQualifier
FetchUsingQualifier: (DBQualifier *) aQualifier Fetches records selected by aQualifier
empty: emptyFirst if emptyFirst is YES, first empties the record list
signed int) recordLimit Returns the maximum number of records to fetch
RecordLimit: (unsigned int) count Sets the maximum number of records to fetch

Value: (DBValue *) aValue Puts the current record's value for aProperty into aValue
forProperty: aProperty
Value: (DBValue *) aValue Puts value of aProperty for the record at index into aValue
forProperty: aProperty
at: (unsigned int) index
RecordKeyValue: (DBValue *) aValue Puts the key value for the current record into aValue
RecordKeyValue: (DBValue *) aValue Puts the key value for the record at index into aValue
at: (unsigned int) index

Value: (DBValue *) aValue Sets the current record's value of aProperty to aValue
forProperty: aProperty
Value: (DBValue *) aValue Sets value of aProperty for record at index to aValue
forProperty: aProperty
at: (unsigned int) index
InsertRecordAt: (unsigned int) index Inserts a (default) record ahead of the record at index
AppendRecord Inserts a (default) record after the last one
PrependRecord Inserts a (default) record to precede the current record

signed int)positionForRecordKey:(DBValue *)aValue
Returns the index of the record whose key is aValue
veRecordAt:(unsigned int)sourceIndexMoves record at sourceIndex to precede the record now
to:(unsigned int)destinationIndex at destinationIndex
apRecordAt:(unsigned int)anIndexTransposes the positions of the two records
withRecordAt:(unsigned int)anotherIndex

signed int)saveModificationsSaves to the database any changes since the fetch returns code for success, partial

Initializes a new instance
eFrees space formerly used by a DBRecordStream

RetrieveOrder:(DBRetrieveOrder)anOrderAppends anOrder (up/down) to sort criteria for aProperty
for:(id <DBProperties>)aProperty
st *)setProperties:(List *)propertyList Sets/returns list of properties wanted from entity aSource
ofSource:aSource
st *)getProperties:(List *)propertyListReturns and puts into propertyList the stream's properties
st *)setKeyProperties:(List *)propertyListSets and returns propertyList as the stream's key properties
st *)getKeyProperties:(List *)keyListReturns/ puts into propertyList the stream's key properties

chUsingQualifier:(DBQualifier *)aQualifierStarts fetching records that pass aQualifier
ancelFetchStops fetching and sends fetchDone to DBDatabase
BRecordRetrieveStatus)currentRetrieveStatusDB_Ready/NotReady, DB_FetchInProgress/Completed

Value:(DBValue *)aValue forProperty:aProperty
Puts current record's aProperty's value into aValue
RecordKeyValue:(DBValue *)aValuePuts current record's key value into aValue
NextMakes next record available nil if none left

Value:(DBValue *)aValue forProperty:aPropert
Sets the current record's aProperty to aValue
wRecordInserts new, empty record at the current record
eteRecordDeletes the current record

arResets everything except the delegate

egateThe object that receives notification messages

Delegate:anObjectSets the object that will receive notification messages

derDelegateThe object that receives notification messages for binders

BinderDelegate:anObjectSets the object to receive notification messages for binders

DOL)recordStream:sender Invoked when changes can't be saved aCode tells why

willFailForReason:(DBFailureCode) aCodeYES acknowledges failure NO tries to proceed with those reco

DOL)recordStreamPrepareCurrentRecordForModification:aRecordStream

Invoked when a record will be modified or deleted YES permits modification to proceed

Identifier:anIdentiferInitialize a DBTableVector for property anIdentifier

eFree the space formerly allocated to a DBTableVector

Frame:(const NXRect *)newFrameInitializes an instance located within newFrame

eFrees space formerly used by a DBTableView

DataSource:aSourceSets the object that will provide data for the display

aSourceThe object that provides data for the display

Delegate:delegateSets the object that will receive notification messages

egateThe object that receives notification messages

awSelf:(const NXRect *) rects :(int) count

matterAt:(unsigned int)row :(unsigned int)column

Returns the DBFormatter for the field at row and column

DOL)dynamicRowsYES if rows are dynamic

modeReturns DB_NOSELECT/RADIOMODE/LISTMODE
 rowEmptySel:(BOOL)flagAllow/prohibit user to leave nothing selected
 (BOOL)doesAllowEmptySelYES if user may leave nothing selected
 (signed int)selectedRowCountNumber of rows currently selected
 (signed int)selectedColumnCountNumber of columns currently selected
 (int)selectedRowThe row number of the selected row
 (int)selectedColumnThe column number of the selected column
 (BOOL)isRowSelected:(unsigned int)rowYES if row is selected
 (BOOL)isColumnSelected:(unsigned int)columnYES if column is selected
 selectAll:senderMakes nothing selected.
 selectAll:senderMakes all rows and columns selected.
 RowSelectionOn:(unsigned int)start Sets block of rows to selected (YES) or deselected (NO)
 :(unsigned int)end
 to:(BOOL)flag
 ColumnSelectionOn:(unsigned int)start Sets block of columns to selected (YES) or deselected
 :(unsigned int)end
 to:(BOOL)flag
 selectRow:(unsigned int)rowSelects row, or extends selection if flag is YES
 byExtension:(BOOL)flag
 selectColumn:(unsigned int)columnSelects row, or extends selection if flag is YES
 byExtension:(BOOL)flag
 deselectRow:(unsigned int)rowDeselects the indicated row
 deselectColumn:(unsigned int)columnDeselects the indicated column
 (signed int)selectedRowAfter:(unsigned int)aRow
 Index of the first selected row after aRow
 (signed int)selectedColumnAfter:(unsigned int)aColumn
 Index of the first selected column after aColumn
 doAction:(SEL)anActionSends anAction to anObject for each selected row
 to:anObjectif YES, does it for each selected row
 forSelectedRows:(BOOL)flag
 doAction:(SEL)anActionSends anAction to anObject for each selected column
 to:anObjectif YES, does it for each selected column
 forSelectedColumns:(BOOL)flag

rowHeadingReturns the row heading view
 newRowHeading:newRowHeadingMakes newRowHeading the row heading view
 rowHeadingVisible:(BOOL)flagMakes the row heading visible or not
 columnHeadingReturns the column heading view
 newColumnHeading:newColumnHeadingMakes newColumnHeading the column heading view
 columnHeadingVisible:(BOOL)flagMakes the column heading visible or not

playDisplays the DBTableView
 scrollClip:aClip Sets aClip's origin to be newOrigin in the content view
 to:(const NXPoint *)newOrigin

ColumnToVisible:(unsigned int)columnScroll the content so that column is visible in the scroll clip
BOOL)acceptsFirstResponderYES if the DBTableView will handle keyboard events

Action:(SEL)aSelectorMakes aSelector the action in response to a click

EL)actionThe action to be sent on a click

DoubleAction:(SEL)aSelectorMakes aSelector the action in response to a double click

EL)doubleActionThe action in response to a double click

Target:anObjectMakes anObject the target for an action message

getThe target for an action message

d:(NXTypedStream *)streamCreates an instance by reading from a typed stream

te:(NXTypedStream *)streamArchives an instance by writing to a typed stream

ishUnarchivingAutomatically invoked final step in unarchiving

Initializes a new DBTextFormatter instance

eFrees the space allocated to a DBTextFormatter.

tReturns the formatter's font

Font:aFontMakes aFont the formatter's font

inBatching:(id <DBTableVectors>) attrsThe format attrs applies to all following records

etBatching:(id <DBTableVectors>) attrsBegins batching if not already in effect

IBatchingCompletes sequence of records in same format

d:(NXTypedStream *)streamCreates an instance by reading from a typed stream

te:(NXTypedStream *)streamArchives an instance by writing to a typed stream

Initialize a DBValue instance

StringValue:(const char *)aStringSets the object's value to aString
StringValueNoCopy:(const char *)aStringSets the object's value so that it points to aString
ValueFrom:(DBValue *)aValueSets the object's to have the same value as aValue
NullSets the object's value to NULL

<DBTypes>)valueTypeReturns the type of value the object contains
BOOL)isEqual:(DBValue *)anotherValueYES if this object has same type and value as anotherValue
(double)doubleValueReturns the object's value as a double
(float)floatValueReturns the object's value as a float
(int)intValueReturns the object's value as an int
(id)objectValueReturns the object's value as an object
(const char *)stringValueReturns the object's value as a string
BOOL)isNullYES if the object's value is NULL

(id)initWithStream:(NXTypedStream *)streamCreates an instance by reading from a typed stream
(id)write:(NXTypedStream *)streamArchives an instance by writing to a typed stream