

```
getValueAt::withAttributes::usePositions::  
    drawFieldAt::inside:inView:withAttributes::  
        usePositions::
```

```
Batching format requests beginBatching:  
    resetBatching:  
    endBatching
```

```
Assigning a delegate setDelegate:  
    delegate
```

```
Assigning a data source setDataSource:  
    dataSource
```

```
beginBatching:(id <NXTableVectors>)attributes
```

Notifies the `NXFormatter` that a formatting session is about to begin. You never invoke this method directly it's invoked automatically by the `NXTableView` just before it sends the first in a series of `drawFieldAt::...` messages. A formatting session is concluded by an `endBatching` message and is restarted by `resetBatching::`.

dataSource (NXTableView)

delegate

Returns the NXFormatter's delegate.

```
drawFieldAt:(unsigned int)rowIndex  
            :(unsigned int)columnIndex  
            inside:(NXRect *)frameRect  
            inView:aView  
            withAttributes:(id <NXTableVectors>)rowAttributes  
            :(id <NXTableVectors>)columnAttributes  
            usePositions:(BOOL)rowPosFlag  
            :(BOOL)columnPosFlag
```

Retrieves a value from the data source, formats it, and displays it in aView. NXFormatter's implementation returns self it's up to a subclass to implement this method in a meaningful way.

Typically, a subclass's implementation follows these steps:

endBatching

Notifies the NXFormatter that a formatting session is over. See the beginBatching: method for more. The return value is ignored.

resetBatching:

```
getValueAt:(unsigned int)rowIndex  
           :(unsigned int)columnIndex  
           withAttributes:(id <NXTableVectors>)rowAttributes  
           :(id <NXTableVectors>)columnAttributes  
           usePositions:(BOOL)rowPosFlag  
           :(BOOL)columnPosFlag
```

Retrieves a value from the data source, places it in the NXFormatter's value instance variable, and never invoke this method from your application however, if you create a subclass of NXFormatter, you must implement this method from the implementation of drawFieldAt:..., as explained in the description of that method. NXFormatter doesn't normally need to override this method.

resetBatching:(id <NXTableVectors>)attributes

Tells the NXFormatter to restart a formatting session. See the beginBatching: method for more info. value is ignored.

endBatching

setDataSource:anObject

Sets the NXFormatter's data source to anObject. Returns self.

setDataSource: (NXTableView)

setDelegate:anObject

Sets the NXFormatter's delegate to anObject. Returns self.