

# Programmer's Notes

The following are programmers notes for the outliner App developed by Dave Stutz. The notes themselves were done by Dan McCreary.

The notes are structured in three sections, the Browser Heirarchy, the Class Heirarchy and the Connections. Each section contains one section for the Outline nib file and one for the Outliner nib file. Items in bold are editable in the class editor.

Use Courier for indentation allignment.

Level 1 in 24 point bold

Level 2 in 18 point bold

## Browser Heirarchy

### Outline

```
FirstResponder
aWindow
  Box
    text
      aField
theOutline
```

## Outliner

```

FirstResponder
FontManager
InfoPanel
    Button1
    Field1
    Field2
    VersionNumber
MainMenu
    Edit
        Copy
        Cut
        Paste
    Font Panel...
    Hide
    Info
    Quit
    Sound
        Attach
        Edit
        Review
    Special
        Collapse Row
        Delete Row
        Expand Row
        Insert Row
        Move Left
        Move Right
    Window
        Close
        Miniaturize
        New
        Open
        Save
        Save As...
SoundManager
SoundPanel
    Attach
    Custom View
    Load file...
    Load line...
    No Sound
    Play
    Record
    Stop
    
```

## Class Heirarchies

## Outline

Object

Cell

    ActionCell

        ButtonCell

            MenuCell

        FormCell

        FromCell

        TextFieldCell

**FirstResponder**

FontManager

**Outline** (Outlets: currentItem, invisibleItem)

Responder

    Application

**OutlineApp**

View

    Box

    Control

        Button

        Matrix

            Form

    Slider

    TextField

    ScrollView

    Text

Window

**OutlinePanel** (Outlets: outline, textBox,  
textMatrix)

        (changeFont: collapseRow: deleteRow: expandRow:  
insertRow: insertRowAfter: moveLeft: moveRight: save:  
saveAs: textDidEnd: toggleCollapse:)

        Panel

            Menu

## Outliner

```

Object
  Cell
    ActionCell
      ButtonCell
        MenuCell
      FormCell
      FromCell
      TextFieldCell
    FirstResponder
  FontManager
  Responder
    Application
  View
    Box
    Control
      Button
      Matrix
      Form
    Slider
    TextField
    ScrollView
    Text
  Window
  SoundController
    (Outlets: playButton recordButton soundView)
    (Actions: appDidHide: didPlay: didRecord: hadError:
loadTarget: open: play: record: reset: saveTarget:
showPanel: stop:)
```

## Connections

### Outline

```

aWindow --(outlinePanel)--> theOutline
Outline/aWindow
theOutline --(outline)--> aWindow
Box --(textBox)--> aWindow
text --(textMatrix)--> aWindow
```

### Outliner

```

SoundManager --(delegate)--> Outliner
FontManager --(fontManager) --> Outliner
SoundManager --(soundManager)--> Outliner
play --(playButton) --> Soundmanager
```

## Capabilities Class, Draft #4

```
record --(recordButton) --> Soundmanager  
SoundManager --(delegate)--> SoundPanel
```