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
```

Capibilities Class, Draft #4

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