

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
```