

## SwitchBox

INHERITS FROM

Box : View : Responder : Object

DECLARED IN

SwitchBox.h

### CLASS DESCRIPTION

A SwitchBox is a View that allows its subview to be switched on request. The subview is switched to one of a set of predefined views. The separate subviews are assigned to the views of other panels, windows or boxes. This allows the interface on a region of a panel to change dynamically as it does in the Preferences application where one panel is used to serve as the working space for several distinct tasks.

### INSTANCE VARIABLES

id        panel0..panel9  
id        panelList  
id        delegate;  
id        origContentView;  
int       defaultPanel;

panel0..panel9

Outlets allowing connections to be made in Interface Builder.

panelList

An instance of List which actually holds the subviews.

delegate

The delegate of the SwitchBox.

origContentView

The contentView originally assigned to the Box.



See also: - **initWithFrame** (View), + **alloc** (Object), + **allocFromZone:** (Object)

#### **setDefaultPanel:**

- **setDefaultPanel:(int)aNumber**

Set the value of defaultPanel to *aNumber*. Returns **self**.

#### **defaultPanel**

- (int) **defaultPanel;**

Return the value of defaultPanel.

#### **setDelegate:**

- **setDelegate:anObject**

Sets the delegate of the NXBrowser to *anObject* and returns **self**. If *anObject* is of a class that implements the **browser:fillMatrix:inColumn:** method (normal or lazy delegates) or the **browser:loadCell:atRow:inColumn** and **browser:getNumRowsInColumn:** methods (very lazy delegate), it is set as the NXBrowser's delegate; otherwise the delegate is set to nil. Returns **self**.

See also: - **delegate**, <sup>a</sup>METHODS IMPLEMENTED BY THE DELEGATE<sup>o</sup>

#### **switchTo:**

- **switchTo:(int)anIndex**

Switches the SwitchBox' subview to the subview in the panelList at *anIndex*. Returns **self**.

See also: <sup>a</sup>METHODS IMPLEMENTED BY THE DELEGATE<sup>o</sup>

#### **switchToTagOf:**

- **switchToTagOf:sender**

Switches the SwitchBox' subview to the subview in the panelList at [*sender* tag]. If, however, *sender* isKindOf Matrix then `[[sender selectedCell] tag]` is used. Returns **self**.

See also: <sup>a</sup>METHODS IMPLEMENTED BY THE DELEGATE<sup>o</sup>

METHODS IMPLEMENTED BY THE DELEGATE

**willSwitchTo:**

- **willSwitchTo:(int)*anIndex***

This method invoked by SwitchBox when it has been asked to switch to subview in panelList at *anIndex*. Returns nil if the switch is to be aborted. No attempt is made to reconcile the aborted switch with the original *sender* of a **switchToTagOf:.**

**didSwitchTo:**

- **didSwitchTo:(int)*anIndex***

This method invoked by SwitchBox when it has switched to subview in panelList at *anIndex*.