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.

| defaultPanel | The number of the subview SwitchBox initially takes. |

METHOD TYPES

Initializing a new SwitchBox object	- initFrame:
Freeing a SwitchBox object	- free
Setting The Default Subview	- setDefaultPanel:
	- defaultPanel
Switching the Subview	± switchTo:
	± switchToTagOf:
Setting the Delegate	± delegate
	± setDelegate:

INSTANCE METHODS

delegate
  - delegate

Returns the delegate of the NXBrowser, the object that provides the data to be browsed.

See also: **- setDelegate:**, ªMETHODS IMPLEMENTED BY THE DELEGATEº

free
  - free

Releases the storage for the SwitchBox but not all its subviews.

See also: **- free** (View)

initFrame:
  - initFrame:(const NXRect *)*frameRect*

Initializes the SwitchBox, which must be a newly allocated SwitchBox instance.   The SwitchBox's frame rectangle is made equivalent to that pointed to by *frameRect*.   The title position is set to NX_NOTITLE,
the border type is NX_BEZEL. The defaultPanel is set to -1. Returns **self**.

See also: **- initFrame** (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**, ªMETHODS IMPLEMENTED BY THE DELEGATEº

switchTo:
  - switchTo:*(int)anIndex*

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

See also: ªMETHODS IMPLEMENTED BY THE DELEGATEº

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: ªMETHODS IMPLEMENTED BY THE DELEGATEº

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*.