

Release 1.0 Copyright ©1992 by NeXT Computer, Inc. All Rights Reserved.

# SwitchView

**Inherits From:** Box : View : Responder : Object

**Declared In:** SwitchView.h

## Class Description

The SwitchView class is a box designed to swap other views in and out of itself. It's usually used as part of an inspector paradigm, but can be used in other ways as well. Much of its functionality is designed with InterfaceBuilder in mind; a custom attributes and connection inspector are included to make it a more powerful tool.

## Instance Variables

id views

A List object containing the views to be swapped into the contentView.

SEL valueSelector

The message to call back when the

int initialViewNumber

receiving SwitchView gets a  
**takeViewNumberFrom:**

The initial view to show in the contentView  
(doesn't work in IB.).

## Method Types

Initializing and freeing

± initWithFrame:  
± free

Access to views

± views

Responding to user action

- takeViewNumberFrom:  
± setValueSelector:  
± valueSelector

Archiving

- read:
- write:

## Instance Methods

**free**

- **free**

Frees the instance variables and itself.

**initWithFrame:**

- **initWithFrame:**(NXRect \*)frameRect

The designated initializer for this Box subclass.

**initWithViewNumber**

- (int)**initWithViewNumber**

Returns the index of the first object in the list to be displayed at run-time.

**read:**

- **read:**(NXTypedStream \*)stream

Unarchives a SwitchView instance from *stream*.

**setInitialViewNumber**

- **setInitialViewNumber:**(int)num

Sets the index of the first object in the list to be displayed at run-time.

**setValueSelector:**

- **setValueSelector:**(SEL)aSelector

Sets the selector to call in response to **takeViewNumberFrom:** messages. The valueSelector is called to determine which view to swap into the

contentView.

**takeIntValueFrom:**

- **takeIntValueFrom:sender**

Action method sent to change the contentView. A "[sender intValue]" is done to determine the index in the list to switch to.

**takeSelectedColFrom:**

- **takeSelectedColFrom:sender**

Action method sent to change the contentView. A "[sender selectedCol]" is done to determine the index in the list to switch to.

**takeSelectedRowFrom:**

- **takeSelectedRowFrom:sender**

Action method sent to change the contentView. A "[sender selectedRow]" is done to determine the index in the list to switch to.

**takeTagFrom:**

- **takeTagFrom:**sender

Action method sent to change the contentView. A "[sender tag]" is done to determine the index in the list to switch to.

**takeViewNumberFrom:**

- **takeViewNumberFrom:**sender

Action method sent to change the contentView. A "[sender perform:valueSelector]" is done to determine the index in the list to switch to.

**valueSelector**

**- valueSelector**

Returns the selector to call in response to **takeViewNumberFrom:** messages. The valueSelector is called to determine which view to swap into the contentView.

**views**

**- views**

Returns the List object containing all the views that can be swapped into the contentView.

**write:**

**- write:(NXTypedStream \*)stream**

Archives a SwitchView instance to *stream*.