

# NSClipView

**Inherits From:** NSView : NSResponder : NSObject

**Declared In:** appkit/NSClipView.h

## Managing the Document View

- (NSRect)**documentRect** Returns the document rectangle.
- (id)**documentView** Returns the NSClipView's document view.
- (NSRect)**documentVisibleRect** Gets the visible portion of the document view.
- (void)**setDocumentView:(NSView \*)aView** Makes *aView* the NSClipView's document view.

## Setting the Cursor

- (NSCursor \*)**documentCursor** Returns the cursor for the document view.
- (void)**setDocumentCursor:(NSCursor \*)anObject** Sets the cursor for the document view.

## Setting the Background Color

- (NSColor \*)**backgroundColor** Returns the NSClipView's background color.
- (void)**setBackgroundColor:(NSColor \*)color** Sets the NSClipView's background color.

## Scrolling

- (BOOL)**autoscroll**:(NSEvent \*)*theEvent* Scrolls in response to mouse-dragged events.
- (NSPoint)**constrainScrollPoint**:(NSPoint)*newOrigin* Prevents scrolling to an undesirable position.
- (BOOL)**copiesOnScroll** Indicates whether the visible portions of the document view are copied when scrolling occurs. If not, the document view is responsible for redrawing the entire visible portion. The default is YES.
- (BOOL)**displaysOnScroll** Indicates whether the results of scrolling the document view are immediately displayed. The default is YES.
- (void)**scrollToPoint**:(NSPoint)*newOrigin* Lowest-level unconstrained scrolling routine.
- (void)**setCopiesOnScroll**:(BOOL)*flag* Sets how the visible areas are redrawn.
- (void)**setDisplayOnScroll**:(BOOL)*flag* Sets whether the results of scrolling the document view are immediately displayed.

## Responding to a Changed Frame

- (void)**viewFrameChanged**:(NSNotification \*)*notification* Notification that the document view's frame has changed.