

# NSScroller

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

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

## Laying out the NSScroller

- + (float)**scrollerWidth** Returns the width of the scoller, a constant value.
- (NSRect)**rectForPart:(NSScrollerPart)partCode** Gets the rectangle that encloses *partCode*.
- (void)**checkSpaceForParts** Checks for room for knob and scroll buttons.
- (void)**setArrowsPosition:(NSScrollArrowPosition)where** Sets position of scroll arrows in the NSScroller.

## Setting NSScroller Values

- (void)**setFloatValue:(float)aFloat**  
**knobProportion:(float)percent** Sets value of NSScroller and positions and sizes knob.

## Displaying

- (void)**drawArrow:(BOOL)whichButton**  
**highlight:(BOOL)flag** Draws highlighted and unhighlighted arrows.
- (void)**drawKnob** Draws the knob.
- (void)**drawParts** Caches bitmaps for knob and scroll arrows.
- (void)**highlight:(BOOL)flag** Highlights scroll button that's under mouse.

## Handling Events

- (NSScrollerPart)**hitPart** Returns the part of the NSScroller object that received mouse-down.
- (NSScrollerPart)**testPart:**(NSPoint)*thePoint* Returns the part of the NSScroller that's under *thePoint*.
- (void)**trackKnob:**(NSEvent \*)*theEvent* Invoked in response to mouse-down events on the knob.
- (void)**trackScrollButtons:**(NSEvent \*)*theEvent* Invoked in response to mouse-down events on buttons.