

# NSDraggingSource

(informal protocol)

**Category Of:** NSObject

**Declared In:** AppKit/NSDragging.h

## Protocol Description

NSDraggingSource declares methods that can (or must) be implemented by the source object in a dragging session. (See the NSDraggingDestination protocol for definitions of dragging terms.) This *dragging source* is specified as an argument to the **dragImage:...** message, sent to a NSWindow or NSView, that instigated the dragging session.

Of the methods declared below, only the **draggingSourceOperationMaskForLocal:** method *must* be implemented. The other methods are invoked only if the dragging source implements them. All four methods are invoked automatically during a dragging session. You never send an NSDraggingSource message directly to an object.

## Querying the Source

- (NSDragOperation)**draggingSourceOperationMaskForLocal:**(BOOL)*isLocal*  
Returns a mask giving the operations that can be performed on the dragged image's data.
- (BOOL)**ignoreModifierKeysWhileDragging**  
Returns YES if modifier keys should have no effect on the type of operation performed.

## Informing the Source

- (void)**draggedImage:**(NSImage \*)*image*  
**beganAt:**(NSPoint)*screenPoint*
- (void)**draggedImage:**(NSImage \*)*image*  
**endedAt:**(NSPoint)*screenPoint*  
**deposited:**(BOOL)*didDeposit*

Invoked when the dragged image is displayed but before it starts following the mouse.

Invoked after the dragged image has been released and the dragging destination has been given a chance to operate.