

[AppKit / Deprecated Symbols](#)

API Collection

Deprecated Symbols

Review symbols that are no longer supported, and find the replacements to use instead.

Topics

Classes

~~class NSOpenGLView~~

A view that displays OpenGL content in a view.

Deprecated

~~class NSOpenGLContext~~

An object that represents an OpenGL graphics context, into which all OpenGL calls are rendered.

Deprecated

~~class NSOpenGLLayer~~

A subclass of CAOpenGLLayer that is suitable for rendering OpenGL into layers.

Deprecated

~~class NSOpenGLPixelFormat~~

An object that specifies the types of buffers and other attributes of the OpenGL context.

Deprecated

~~class NSDrawer~~

A user interface element that contains and displays text, scroll, and browser views, in addition to other view subclasses.

Deprecated

~~class NSForm~~

An `NSForm` object is a vertical matrix of `NSFormCell` objects to implement the fields.

Deprecated

~~class NSFormCell~~

The `NSFormCell` class is used to implement text entry fields in a form. The left part of an `NSFormCell` object contains a title. The right part contains an editable text entry field.

~~class NSMenuItemCell~~

An object that handles the measurement and display of a single menu item in its encompassing frame.

Protocols

~~NSAccessibility~~

A legacy, informal protocol that Apple doesn't recommend for active use.

~~NSEditor~~

A set of methods that controllers and UI elements can implement to manage editing.

~~protocol NSEditorRegistration~~

A set of methods that controllers can implement to enable an editor view to inform the controller when it has uncommitted changes.

~~protocol NSInputServiceProvider~~

~~protocol NSInputServerMouseTracker~~

~~protocol NSDrawerDelegate~~

A set of methods that drawer delegates implement to open, close, and resize the drawer.

Deprecated

Functions

~~func NSConvertGlyphsToPackedGlyphs(UnsafeMutablePointer<NSGlyph>, Int, NSMultibyteGlyphPacking, UnsafeMutablePointer<CChar>) -> Int~~

Prepares a set of glyphs for processing by character-based routines.

Deprecated

~~static func raiseBadArgumentException(Any!, NSAccessibility.Attribute!, Any!)~~

Raises an error if the parameter is the wrong type or has an illegal value

Deprecated

~~func NSReleaseAlertPanel(Any!)~~

Disposes of an alert panel.

Deprecated

~~func NSDisableScreenUpdates()~~

Disables screen updates.

Deprecated

~~funcNSEnableScreenUpdates()~~

Enables screen updates.

Deprecated

func NSDrawColorTiledRects(NSRect, NSRect, UnsafePointer<NSRectEdge>, AutoreleasingUnsafeMutablePointer<NSColor>, Int) -> NSRect

Draws a single-color, bordered rectangle.

func NSSetShowsServicesMenuItem(String, Bool) -> Int

Specifies whether an item should be included in Services menus.

~~func NSCopyBits(Int, NSRect, NSPoint)~~

Copies a bitmap image to the location specified by a destination point.

Deprecated

func NSShowsServicesMenuItem(String) -> Bool

Specifies whether a Services menu item is currently enabled.

func NSDottedFrameRect(NSRect)

Draws a bordered rectangle.

~~func NSReadPixel(NSPoint) -> NSColor?~~

Reads the color of the pixel at the specified location.

Deprecated

~~func NSGetWindowServerMemory(Int, UnsafeMutablePointer<Int>, UnsafeMutablePointer<Int>, AutoreleasingUnsafeMutablePointer<NSString>) -> Int~~

Returns the amount of memory being used by a context.

Deprecated

~~static func fileContentsType(forPathExtension: String) -> NSPasteboard.PasteboardType!~~

Returns a pasteboard type based on the passed file type.

Deprecated

~~static func fileNameType(forPathExtension: String) -> NSPasteboard.PasteboardType!~~

Returns a pasteboard type based on the passed file type.

Deprecated

~~var representedPathExtension: String?~~

A file type based on the passed pasteboard type.

Deprecated

~~static func representedPathExtensions(from: [NSPasteboard.PasteboardType]) -> [String]?~~

Returns an array of file types based on the passed pasteboard types.

Deprecated

Enumerations

~~enum NSMultibyteGlyphPacking~~

A constant for glyph packing.

Deprecated

☰ Glyph Attributes

Attributes that are used only inside the glyph generation machinery, but must also be shared between components.

~~enum NSOpenGLGlobalOption~~

Constants that specify OpenGL options.

Deprecated

☰ Data Entry Types

These constants specify how a cell formats numeric data.

☰ Anonymous

☰ Additional Writing Directions

Constants that specify additional options when setting the writing direction of attributed strings.

☰ Return values for modal operations

Historical return values for [runModal\(for:\)](#) and [runModalSession\(_:\)](#).

☰ Tags of Views in the FontPanel

These constants are obsolete and should not be used.