

NSWorkspace

Inherits From: NSObject
Declared In: appkit/NSWorkspace.h

Creating a Workspace

+ (NSWorkspace *)**sharedWorkspace** Returns a shared workspace.

Notification Center

- (NSNotificationCenter *)**notificationCenter** Returns the notification center for WorkSpace notifications.

Opening Files

- (BOOL)**openFile:(NSString *)fullPath** Instructs Workspace Manager to open the file specified by *fullPath* using the default application for its type; returns success of open.
- (BOOL)**openFile:(NSString *)fullPath
fromImage:(NSImage *)anImage
at:(NSPoint *)point
inView:(NSView *)aView** Instructs Workspace Manager to open the file specified by *fullPath* using the default application for its type displaying the *anImage* icon at *point* specified in *aView*'s coordinates; returns success of open.
- (BOOL)**openFile:(NSString *)fullPath
withApplication:(NSString *)appName** Instructs Workspace Manager to open the file specified by *fullPath* using the *appName* application; returns success of open.
- (BOOL)**openFile:(NSString *)fullPath
withApplication:(NSString *)appName
andDeactivate:(BOOL)flag** Instructs Workspace Manager to open the file specified by *fullPath* using the *appName* application where *flag* indicates if sending application is deactivated before the request is sent or not; returns success of open.
- (BOOL)**openTempFile:(NSString *)fullPath** Instructs Workspace Manager to open the temporary file specified by *fullPath* using the default application for its type; returns success of open.

Manipulating Files

- (BOOL)**performFileOperation:**(NSString *)*operation*
 source:(NSString *)*source*
 destination:(NSString *)*destination*
 files:(NSArray *)*files*
 tag:(int *)*tag*
Requests the Workspace Manager to perform a file *operation* on a set of *files* in the *source* directory specifying the *destination* directory if needed using *tag* as an identifier for asynchronous operations; returns success for synchronous operations.
- (BOOL)**selectFile:**(NSString *)*fullPath*
 inFileViewerRootedAtPath:(NSString *)*rootFullpath*
Instructs Workspace Manager to select the file specified by *fullPath* opening a new file viewer if a path is specified by *rootFullpath*; returns success of selection.

Requesting Information about Files

- (NSString *)**fullPathForApplication:**(NSString *)*appName*
Returns the full path for the application *appName*.
- (BOOL)**getInfoForFile:**(NSString *)*fullPath*
 application:(NSString **)*appName*
 type:(NSString **)*type*
Retrieves information about the file specified by *fullPath*, sets *appName* to the application the Workspace Manager would use to open *fullPath*, sets *type* to a value or file name extension indicating the file's type, and returns success of access.
- (BOOL)**getFileSystemInfoForPath:**(NSString *)*fullPath*
 isRemovable:(BOOL *)*removableFlag*
 isWritable:(BOOL *)*writableFlag*
 isUnmountable:(BOOL *)*unmountableFlag*
 description:(NSString **)*description*
 type:(NSString **)*fileSystemType*
Describes the file system at *fullPath* in *description* and *fileSystemType*, sets the *Flags* appropriately, and returns YES if *fullPath* is a file system mount point, or NO if it isn't.
- (NSImage *)**iconForFile:**(NSString *)*fullPath*
Returns an NSImage object with the icon for the single file specified by *fullPath*.
- (NSImage *)**iconForFileType:**(NSString *)*fileType*
Returns an NSImage object with the icon for the file type specified by *fileType*.

Manipulating Applications

- (void)**hideOtherApplications** Hides all applications other than the sender.
- (BOOL)**launchApplication:(NSString *)appName** Instructs Workspace Manager to launch the application *appName* and returns success of launch.
- (BOOL)**launchApplication:(NSString *)appName showIcon:(BOOL)showIcon autoLaunch:(BOOL)autoLaunch** Instructs Workspace Manager to launch the application *appName* displaying the application's icon if *showIcon* is YES and using the dock autolaunching defaults if *autoLaunch* is YES; returns success of launch.

Requesting Additional Time before Power Off or Logout

- (int)**extendPowerOffBy:(int)requested** Requests more time before the power goes off or the user logs out; returns the granted number of additional milliseconds.

Tracking Changes to the File System

- (BOOL)**fileSystemChanged** Returns whether a change to the file system has been registered with a **noteFileSystemChanged** message since the last **fileSystemChanged** message.
- (void)**noteFileSystemChanged** Informs Workspace Manager that the file system has changed.

Updating Registered Services and File Types

- (void)**findApplications** Instructs Workspace Manager to examine all applications in the normal places and update its records of registered services and file types.

Tracking Changes to the User Defaults Database

- (void)**noteUserDefaultsChanged** Informs Workspace Manager that the defaults database has changed.
- (BOOL)**userDefaultsChanged** Returns whether a change to the defaults database has been registered with a **noteUserDefaultsChanged** message since the last **userDefaultsChanged** message.

Tracking Status Changes for Applications and Devices

- (NSArray *)**mountedRemovableMedia** Returns a list of the pathnames of all currently mounted removable disks.
- (NSArray *)**mountNewRemovableMedia** Causes the Workspace Manager to poll the system's drives for any disks.

that have been inserted but not yet mounted, waits until the new disks have been mounted, and returns a list of full pathnames to all newly mounted disks.

Animating an Image

- (void)**slideImage:**(NSImage *)*image*
 from:(NSPoint *)*fromPoint*
 to:(NSPoint *)*toPoint*

Instructs Workspace Manager to animate a sliding image of *image* from *fromPoint* to *toPoint*, specified in screen coordinates.

Unmounting a Device

- (BOOL)**unmountAndEjectDeviceAtPath:**(NSString *)*path*

Unmounts and ejects the device at *path* and returns success of unmount.