

# MiscFile (Creation)

**Inherits From:** MiscGraphNode  
**Declared In:** <misckit/MiscFile.h>

## Category Description

This is a category for methods that can create additional MiscFile instances. Right now you can create a copy (unless the receiver is a directory...that will be allowed next release), a hard link or a symbolic link to the receiver. All methods will return you a MiscFile representing the newly created copy or link. If **nil** is returned the operation was unsuccessful and you can consult MiscFile's **errorCode** method to find out what went wrong.

## Method Types

- createCopyNamed:
- createCopyNamed:overwrite:
- createHardLinkNamed:
- createSymbolicLinkNamed:

- symbolicLinkSource

## Instance Methods

### **createCopyNamed:**

- (MiscFile \*)**createCopyNamed:**(const char \*)*newPath*

Same as **createCopyNamed:** *newPath* overwrite: NO.

**See also:**  $\pm$  **createCopyNamed:overwrite:**

### **createCopyNamed:overwrite**

- (MiscFile \*)**createCopyNamed:**(const char \*)*newPath* **overwrite:** (BOOL)*kill*

Creates a copy of the file being represented by the receiver. This only works if the receiver does not represent a directory. You are responsible for freeing the MiscFile instance returned. If creating the copy was unsuccessful **nil** is returned. If *newPath* already exists, and *kill* is NO, the creation of a copy will fail.

**See also:**  $\pm$  **createCopyNamed:overwrite:**

### **createHardLinkNamed:**

- (MiscFile \*)**createHardLinkNamed:**(const char \*)*newLink*

Creates a hard link to the file being represented by the receiver. You are responsible for freeing the MiscFile instance returned. If creating the link was unsuccessful **nil** is returned.

**See also:**  $\pm$  **createSymbolicLinkNamed:**

**createSymbolicLinkNamed:**

- (MiscFile \*)**createSymbolicLinkNamed:**(const char \*)*newLink*

Creates a symbolic link to the file being represented by the receiver. You are responsible for freeing the MiscFile instance returned. If creating the link was unsuccessful **nil** is returned.

**See also:**  $\pm$  **createHardLinkNamed:**

**symbolicLinkSource**

- (MiscFile \*)**symbolicLinkSource**

If the instance represents a symbolic link, this method returns a MiscFile instance representing the source of the link. It uses readlink(2) to get the link's reference. You are responsible for freeing the MiscFile instance returned. If creating the link source was unsuccessful, or the receiver isn't a symbolic link, **nil** is returned.