MiscFileDragCell

Inherits From:	MiscDragCell
Declared In:	MiscAppKit/MiscFileDragCell.h

Class Description

MiscFileDragCell is for dragging files using the NSFilenamePboardType. This is the same type that Workspace and most other applications that allow you to drag filenames use. It is used by both MiscFileDragView and MiscFileDragMatrix.

Use our **setFilename:** and/or **setFilenames:** to set the images and files we represent and display. Don't use **setImage:** because you'll end up displaying an image and have no filename to go along with it.

Instance Variables

NSArray* _**filenames**;
BOOL _**allowDoubleClickLaunch**;

_filenames	The filename(s) we currently represent.
_allowDoubleClickLaunch	Double click asks workspace to launch us?

Method Types

Class iniatialization	+ initialize
Temp title	+ tempTitleToDisplay + setTempTitleToDisplay:
Initializatin/deallocation	- init - dealloc
Copying	- copyWithZone:
Acceptable types	- acceptingPasteboardTypes
Our contents	- filename - setFilename: - filenames - setFilenames:
Options	- setAllowsDoubleClickLaunch: - allowsDoubleClickLaunch - launch:
Source dragging	- trackMouse:inRect:ofView:untilMouseUp: - prepareForSourceDrag
Display options	- titleToDisplay - prepareTextCellForDisplay
Our title	- titleForFilenames:
Archiving	- initWithCoder: - encodeWithCoder:

Class Methods

initialize

+ (void)**initialize**

Our class initializer. We set our class version (for archiving).

setTempTitleToDisplay:

+ (void)**setTempTitleToDisplay:**(NSString*)*newTempTitle*

Sets the temporary title that the current destination drag cell will display.

tempTitleToDisplay

+ (NSString*)**tempTitleToDisplay**

Returns the temporary title we should be displaying as long as we are the current destination drag cell. Since there can only be a single drag going on at any one time I chose to use a class ivar to hold temporary titles.

Instance Methods

acceptingPasteboardTypes

- (NSArray*)**acceptingPasteboardTypes**

Returns an array with a single pastboard type: NSFilenamesPboardType.

allowsDoubleClickLaunch

- (BOOL)**allowsDoubleClickLaunch**

Returns YES if double clicking our image will ask NSWorkspace to launch our files.

copyWithZone:

- (id)**copyWithZone:**(NSZone*)*zone*

Returns a copy of our instance.

dealloc

- (void)**dealloc**

Releases our resources.

encodeWithCoder:

- (void)**encodeWithCoder:**(NSCoder*)*aCoder*

Encodes the receiver.

filename

- (NSString*)**filename**

Returns the first filename in our filenames array or an empty string if we don't currently have a filename.

filenames

- (NSArray*)**filenames**

Returns the filenames we represent. If you know for sure that it is only a single filename then you could probably use our **filename** method. If we don't currently represent any filenames then **nil** is returned (or is it the empty array).

init

- (id)**init**

Our designated initializer. Sets ourselves to display a title and allow a double click to launch the file(s).

initWithCoder:

- (id)**initWithCoder:**(NSCoder*)*aDecoder*

Decodes an instance of MiscFileDragCell.

launch:

- (void)**launch:***sender*

Not implemented yet.

prepareForSourceDrag

- (BOOL)**prepareForSourceDrag**

Puts our filename(s) on the drag pasteboard. Returns YES if we were successful and to signify that the drag should continue. If we don't represent any filenames then we return NO.

prepareTextCellForDisplay

- (void)**prepareTextCellForDisplay**

This method is called just before the text is drawn. If we are currently the destination drag cell then we turn our text dark gray by using an NSAttributedString.

setAllowsDoubleClickLaunch:

- (void)**setAllowsDoubleClickLaunch:**(BOOL)*aBool*

Sets whether double clicking our image will ask NSWorkspace to launch our files.

setFilename:

- (void)**setFilename:**(NSString*)*aFilename*

Sets our current filename to *aFilename*. If *aFilename* is **nil** or the empty string then our image and title will be cleared.

setFilenames:

- (void)**setFilenames:**(NSArray*)*filenames*

Sets our *filenames* to newFilenames and asks the NSWorkspace for our images. If newFilenames is **nil** or an empty array then our image and title will be cleared.

titleForFilenames:

- (NSString*)**titleForFilenames:**(NSArray*)*filenames*

Given someFilenames we return what our title should be. For example if we have multiple *filenames* our title will be something like "x items".

titleToDisplay

- (NSString*)**titleToDisplay**

Extends our superclass's implementation to return a temporary title if we are the current destination drag cell.

trackMouse:inRect:ofView:untilMouseUp:

```
- (BOOL)trackMouse:(NSEvent*)theEvent
        inRect:(NSRect)cellFrame
        ofView:(NSView*)controlView
        untilMouseUp:(BOOL)flag
```

Extends our superclass's implementation to catch double clicks. If **allowsDoubleClickLaunch** returns YES and there was a double click then we send ourselves a **launch:** message.