

free

Running the PageLayout panel runModal

Customizing the panel setAccessoryView:

accessoryView

Updating the panel's display pickedLayout:

accessoryView

Returns the custom accessory View set by setAccessoryView:.

setAccessoryView:

convertOldFactor:(float *)old newFactor:(float *)new

The standard unit used to measure a paper's dimensions is a point (for example, the PrintInfo object is measured in units of points). This method returns, by reference, a value that expresses the ratio between a point and a chosen unit of measurement. In general, both old and new are set to this value. The only time the arguments differ is when the unit of measurement is being changed. Specifically, if you invoke this method with pickedUnits:, old gives the old ratio and new gives the new one. Returns self.

pickedUnits:

free

Frees the PageLayout object and its contents, including the accessory View.

`pickedLayout:sender`

Performed when the user selects an item from the Layout list. You can get the new layout with the

`pickedOrientation:sender`

Performed when the user selects a page orientation from the Portrait/Landscape matrix. This method updates the Width and Height fields, and redraws the paper view. You can get the new orientation by sending the message

`pickedPaperSize:sender`

Performed when the user selects a paper size from the Paper Size list. This method updates the Width and Height fields, redraws the paper view, and may switch the Portrait/Landscape orientation. The following demonstrates how to get the name of a paper size and an `NXSize` describing the paper's dimensions from the `paperSizeList` dictionary:

`pickedUnits:sender`

Performed when the user selects a new unit of measurement from the Units list. The height and width of the page must be converted to the new units. Controls in the accessory view that express dimensions on the page must be converted to the new units. The ratios returned by `convertOldFactor:newFactor:` method should be used to calculate the new values. In the example, a hypothetical `PageLayout` subclass uses a `TextField` (`myField`) to display a value in the current units:

(int)runModal

Reads the pertinent data from the PrintInfo object into the PageLayout object and then runs the PageLayout modal loop. When the user clicks the Cancel or OK button the loop is broken (from within the picker the panel is hidden, and, if the button was OK, the new PageLayout values are written to the PrintInfo object). Returns the tag of the button that the user clicked to dismiss the panel (either NX_OKTAG or NX_CANCEL).

This method is invoked by Application's runPageLayout method. An application is best served by running the modal loop from that method rather than invoking this one directly.

runPageLayout (Application), pickedButton:, stopModal (Application), runModalFor: (Application)

setAccessoryView:aView

Adds aView to the PageLayout's view hierarchy. Applications can invoke this method to add aView to the panel's view hierarchy. The panel is automatically resized to accommodate aView. This method can be invoked to change the accessory view depending on the situation. If aView is nil, the panel's current accessory view is removed. Returns the old accessory view.

accessoryView

textDidEnd:textObject endChar:(unsigned short)theChar

Performed when the user finishes typing in the Height or Width forms. The Paper Size list and Other choice change. You can override this method to update other controls you add to the panel. Returns self.

(BOOL)textWillChange:textObject

You never invoke this method directly it's invoked when the user types in a page size. This method is invoked when the user selects a choice in the list of paper types. You can override this method to update other controls you add to the panel.

setAccessoryView:, textWillChange: (Text delegate)

writePrintInfo

Writes the settings of the Page Layout panel to the Application object's global PrintInfo object. This method is invoked when the user quits the Page Layout panel by clicking the OK button. Returns self.

readPrintInfo, runModal